

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

01/11/2019

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	40.10	36.73	31.97	31.97	33.69	40.39	53.36	58.14	57.21	54.85	54.70	52.66	51.07	49.66	50.01	51.60	60.35	75.46	72.19	65.23	61.02	56.24	54.38	47.38
24138	2.12	1.88	1.82	1.85	1.93	2.50	3.58	3.92	3.89	3.51	3.85	3.62	3.08	3.02	2.85	2.84	3.50	5.27	4.63	4.31	3.69	3.57	2.64	3.14
	-18.74	-17.46	-13.02	-12.66	-12.84	-13.85	-18.13	-23.09	-22.69	-23.47	-21.94	-21.40	-24.14	-23.77	-25.43	-27.07	-30.58	-30.90	-32.72	-28.23	-29.14	-25.17	-30.44	-18.26
74TH STREET_GT_1	40.12	36.75	31.99	31.99	33.71	40.42	53.39	58.18	57.25	54.86	54.96	53.47	52.87	49.96	50.28	51.82	60.64	75.47	72.20	65.27	61.06	56.27	54.40	47.40
24260	2.13	1.90	1.84	1.87	1.95	2.52	3.61	3.95	3.92	3.51	3.85	3.62	3.08	3.02	2.85	2.84	3.50	5.27	4.63	4.35	3.72	3.60	2.66	3.17
	-18.75	-17.46	-13.02	-12.66	-12.84	-13.85	-18.13	-23.10	-22.70	-23.48	-22.20	-22.21	-25.94	-24.07	-25.69	-27.29	-30.87	-30.91	-32.73	-28.24	-29.15	-25.18	-30.44	-18.26
74TH STREET_GT_2	40.12	36.75	31.99	31.99	33.71	40.42	53.39	58.18	57.25	54.86	54.96	53.47	52.87	49.96	50.28	51.82	60.64	75.47	72.20	65.27	61.06	56.27	54.40	47.40
24261	2.13	1.90	1.84	1.87	1.95	2.52	3.61	3.95	3.92	3.51	3.85	3.62	3.08	3.02	2.85	2.84	3.50	5.27	4.63	4.35	3.72	3.60	2.66	3.17
	-18.75	-17.46	-13.02	-12.66	-12.84	-13.85	-18.13	-23.10	-22.70	-23.48	-22.20	-22.21	-25.94	-24.07	-25.69	-27.29	-30.87	-30.91	-32.73	-28.24	-29.15	-25.18	-30.44	-18.26
ADK HUDSON__FALLS	46.30	42.63	36.27	36.19	38.11	45.11	59.38	65.30	64.50	62.91	61.20	57.68	55.21	56.81	58.03	60.31	69.07	84.13	81.96	73.58	69.80	63.79	64.07	52.51
24011	1.46	1.37	1.35	1.38	1.59	1.90	2.85	2.58	2.85	2.68	2.75	2.49	2.29	2.13	2.04	2.04	2.42	3.69	3.27	3.07	2.56	2.56	1.98	2.21
	-25.60	-23.87	-17.78	-17.35	-17.60	-19.17	-24.87	-31.59	-31.02	-32.36	-29.54	-27.55	-29.07	-31.81	-34.25	-36.58	-40.38	-41.13	-43.85	-37.82	-39.05	-33.74	-40.79	-24.33
ADK RESOURCE__RCVRY	46.24	42.58	36.28	36.19	38.12	45.18	59.47	65.39	64.52	62.92	61.28	57.76	55.22	56.77	57.96	60.22	69.04	84.25	81.96	73.64	69.77	63.77	63.93	52.59
23798	1.63	1.53	1.53	1.54	1.76	2.14	3.17	2.96	3.16	2.98	3.10	2.82	2.55	2.38	2.28	2.28	2.73	4.16	3.66	3.46	2.88	2.83	2.19	2.49
	-25.37	-23.66	-17.62	-17.19	-17.44	-19.00	-24.65	-31.31	-30.74	-32.07	-29.27	-27.30	-28.81	-31.53	-33.94	-36.26	-40.03	-40.79	-43.46	-37.49	-38.71	-33.45	-40.44	-24.12
ADK S GLENS__FALLS	46.30	42.63	36.27	36.19	38.11	45.11	59.38	65.30	64.50	62.91	61.20	57.68	55.21	56.81	58.03	60.31	69.07	84.13	81.96	73.58	69.80	63.79	64.07	52.51
24028	1.46	1.37	1.35	1.38	1.59	1.90	2.85	2.58	2.85	2.68	2.75	2.49	2.29	2.13	2.04	2.04	2.42	3.69	3.27	3.07	2.56	2.56	1.98	2.21
	-25.60	-23.87	-17.78	-17.35	-17.60	-19.17	-24.87	-31.59	-31.02	-32.36	-29.54	-27.55	-29.07	-31.81	-34.25	-36.58	-40.38	-41.13	-43.85	-37.82	-39.05	-33.74	-40.79	-24.33
ADK_NYS__DAM	45.82	42.18	35.96	35.86	37.73	44.81	58.84	64.83	63.82	62.14	60.55	57.16	54.54	56.12	57.26	59.48	68.21	83.29	80.91	72.70	68.90	62.92	63.13	52.11
23527	1.54	1.44	1.42	1.43	1.59	2.02	2.85	2.80	2.85	2.62	2.75	2.57	2.24	2.13	2.02	1.99	2.42	3.61	3.17	3.01	2.51	2.42	1.92	2.26
	-25.05	-23.35	-17.39	-16.97	-17.21	-18.75	-24.33	-30.90	-30.35	-31.65	-28.89	-26.95	-28.44	-31.12	-33.50	-35.79	-39.52	-40.38	-42.90	-37.01	-38.21	-33.01	-39.92	-23.88
AIR_PRODUCTS__DRP	44.99	41.38	35.28	35.20	37.01	43.88	57.59	63.26	62.31	60.62	58.84	55.58	53.06	54.65	55.78	57.97	66.34	81.01	78.70	70.66	67.07	61.25	61.56	50.76
24190	1.19	1.10	1.08	1.10	1.21	1.49	2.09	1.84	1.93	1.76	1.62	1.52	1.31	1.26	1.19	1.19	1.37	2.04	1.85	1.73	1.46	1.43	1.17	1.32
	-24.57	-22.90	-17.06	-16.63	-16.87	-18.34	-23.84	-30.30	-29.75	-30.99	-28.31	-26.42	-27.90	-30.52	-32.84	-35.09	-38.70	-39.67	-42.02	-36.25	-37.43	-32.33	-39.09	-23.46
ALBANY__1	44.99	41.38	35.28	35.20	37.01	43.88	57.59	63.26	62.31	60.62	58.84	55.58	53.06	54.65	55.78	57.97	66.34	81.01	78.70	70.66	67.07	61.25	61.56	50.76
23571	1.19	1.10	1.08	1.10	1.21	1.49	2.09	1.84	1.93	1.76	1.62	1.52	1.31	1.26	1.19	1.19	1.37	2.04	1.85	1.73	1.46	1.43	1.17	1.32
	-24.57	-22.90	-17.06	-16.63	-16.87	-18.34	-23.84	-30.30	-29.75	-30.99	-28.31	-26.42	-27.90	-30.52	-32.84	-35.09	-38.70	-39.67	-42.02	-36.25	-37.43	-32.33	-39.09	-23.46
ALBANY__2	44.99	41.38	35.28	35.20	37.01	43.88	57.59	63.26	62.31	60.62	58.84	55.58	53.06	54.65	55.78	57.97	66.34	81.01	78.70	70.66	67.07	61.25	61.56	50.76
23572	1.19	1.10	1.08	1.10	1.21	1.49	2.09	1.84	1.93	1.76	1.62	1.52	1.31	1.26	1.19	1.19	1.37	2.04	1.85	1.73	1.46	1.43	1.17	1.32
	-24.57	-22.90	-17.06	-16.63	-16.87	-18.34	-23.84	-30.30	-29.75	-30.99	-28.31	-26.42	-27.90	-30.52	-32.84	-35.09	-38.70	-39.67	-42.02	-36.25	-37.43	-32.33	-39.09	-23.46
ALBANY__3	44.99	41.38	35.28	35.20	37.01	43.88	57.59	63.26	62.31	60.62	58.84	55.58	53.06	54.65	55.78	57.97	66.34	81.01	78.70	70.66	67.07	61.25	61.56	50.76
23573	1.19	1.10	1.08	1.10	1.21	1.49	2.09	1.84	1.93	1.76	1.62	1.52	1.31	1.26	1.19	1.19	1.37	2.04	1.85	1.73	1.46	1.43	1.17	1.32
	-24.57	-22.90	-17.06	-16.63	-16.87	-18.34	-23.84	-30.30	-29.75	-30.99	-28.31	-26.42	-27.90	-30.52	-32.84	-35.09	-38.70	-39.67	-42.02	-36.25	-37.43	-32.33	-39.09	-23.46
ALBANY__4	44.99	41.38	35.28	35.20	37.01	43.88	57.59	63.26	62.31	60.62	58.84	55.58	53.06	54.65	55.78	57.97	66.34	81.01	78.70	70.66	67.07	61.25	61.56	50.76
23574	1.19	1.10	1.08	1.10	1.21	1.49	2.09	1.84	1.93	1.76	1.62	1.52	1.31	1.26	1.19	1.19	1.37	2.04	1.85	1.73	1.46	1.43	1.17	1.32
	-24.57	-22.90	-17.06	-16.63	-16.87	-18.34	-23.84	-30.30	-29.75	-30.99	-28.31	-26.42	-27.90	-30.52	-32.84	-35.09	-38.70	-39.67	-42.02	-36.25	-37.43	-32.33	-39.09	-23.46

ALBANY___LFGE 323615	45.67 1.37 -25.07	42.01 1.25 -23.37	35.78 1.23 -17.41	35.70 1.26 -16.98	37.53 1.38 -17.22	44.49 1.71 -18.74	58.41 2.40 -24.34	64.23 2.18 -30.93	63.30 2.30 -30.37	61.67 2.15 -31.65	59.87 2.05 -28.91	56.51 1.91 -26.97	53.99 1.67 -28.47	55.60 1.58 -31.15	56.79 1.52 -33.53	59.00 1.50 -35.82	67.52 1.73 -39.51	82.27 2.59 -40.38	80.07 2.33 -42.89	71.88 2.19 -37.00	68.22 1.83 -38.21	62.28 1.79 -33.01	62.66 1.45 -39.91	51.52 1.66 -23.88
ALCOA_RYNLDS___DRP 24188	18.10 -1.13 0.00	15.72 -1.11 0.56	16.05 -1.10 0.00	15.05 -1.10 1.31	16.15 -1.19 1.58	16.32 -1.49 6.23	26.85 -1.96 2.85	27.54 -1.96 1.63	27.58 -1.90 1.15	18.27 -1.70 7.90	23.66 -1.79 3.46	23.82 -1.71 2.11	22.42 -1.43 0.00	21.47 -1.40 0.00	18.43 -1.35 1.96	18.55 -1.37 1.78	24.67 -1.60 0.00	37.18 -2.12 0.00	32.71 -2.13 0.00	30.69 -1.99 0.00	26.46 -1.72 0.00	25.81 -1.68 0.00	19.96 -1.34 0.00	24.36 -1.61 0.00
ALCOA___DSASP 323711	18.10 -1.13 0.00	15.72 -1.11 0.56	16.05 -1.10 0.00	15.05 -1.10 1.31	16.15 -1.19 1.58	16.32 -1.49 6.23	26.85 -1.96 2.85	27.54 -1.96 1.63	27.58 -1.90 1.15	18.27 -1.70 7.90	23.66 -1.79 3.46	23.82 -1.71 2.11	22.42 -1.43 0.00	21.47 -1.40 0.00	18.43 -1.35 1.96	18.55 -1.37 1.78	24.67 -1.60 0.00	37.18 -2.12 0.00	32.71 -2.13 0.00	30.69 -1.99 0.00	26.46 -1.72 0.00	25.81 -1.68 0.00	19.96 -1.34 0.00	24.36 -1.61 0.00
ALLEGHENY___COGEN 23514	23.22 0.73 -3.25	21.15 0.73 -3.03	20.16 0.75 -2.26	20.41 0.75 -2.20	22.02 0.87 -2.23	27.38 0.94 -2.40	37.70 0.28 -5.76	41.10 0.62 -9.35	39.77 0.40 -8.74	37.04 0.39 -8.78	39.85 0.26 -10.68	35.25 0.03 -7.58	29.84 0.21 -5.78	29.32 0.16 -6.29	28.20 0.17 -6.29	29.12 0.15 -7.28	34.21 0.29 -7.65	53.00 0.16 -13.55	48.79 0.38 -13.56	45.39 0.39 -12.31	36.42 0.31 -7.92	33.69 0.22 -5.98	28.83 0.85 -6.68	30.43 1.04 -3.41
ALTONA_WT_PWR 323606	18.16 -1.08 0.00	15.71 -1.09 0.58	16.08 -1.06 0.00	15.02 -1.08 1.36	16.11 -1.17 1.64	16.11 -1.47 6.47	26.93 -1.77 2.96	27.76 -1.68 1.69	27.78 -1.65 1.19	18.00 -1.67 8.20	23.75 -1.56 3.60	23.93 -1.52 2.19	22.59 -1.26 0.00	21.66 -1.21 0.00	18.44 -1.26 2.03	18.61 -1.24 1.84	24.88 -1.39 0.00	37.68 -1.61 0.00	32.99 -1.85 0.00	30.99 -1.70 0.00	26.69 -1.49 0.00	26.09 -1.40 0.00	20.15 -1.15 0.00	24.62 -1.35 0.00
AMERICAN_REF_FUEL 24010	21.42 -0.87 -3.05	19.53 -0.70 -2.84	18.74 -0.53 -2.13	18.86 -0.68 -2.08	20.31 -0.72 -2.10	24.99 -1.32 -2.27	96.90 -2.03 -67.27	164.50 -1.96 -135.34	150.65 -1.93 -121.95	145.87 -1.70 -119.69	201.84 -1.59 -174.52	129.59 -1.96 -103.91	76.96 -1.60 -54.70	80.55 -1.46 -59.14	72.28 -1.35 -51.89	89.63 -1.37 -69.30	90.66 -1.81 -66.19	244.72 -3.15 -208.57	233.94 -2.37 -201.48	219.35 -2.16 -188.82	103.31 -1.97 -77.10	70.96 -1.87 -45.34	61.09 -1.34 -41.13	34.50 -1.59 -10.11
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.83 0.35 -3.24	20.79 0.38 -3.02	19.98 0.58 -2.26	20.09 0.44 -2.19	21.68 0.53 -2.22	26.75 0.31 -2.40	47.43 0.19 -15.58	60.87 0.28 -29.46	57.50 0.06 -26.81	54.55 0.20 -26.48	66.14 0.40 -36.82	50.54 -0.06 -22.96	37.50 0.05 -13.60	37.73 0.11 -14.74	35.48 0.15 -13.58	39.00 0.11 -17.20	43.29 0.00 -17.01	83.61 -0.35 -44.67	78.46 0.07 -43.55	73.29 0.13 -40.48	47.11 -0.06 -18.98	39.83 0.06 -12.28	33.63 0.13 -12.20	30.66 0.18 -4.50
ARTHUR_KILL_GT_1 23520	40.26 2.27 -18.75	36.84 1.98 -17.47	32.10 1.94 -13.02	32.09 1.96 -12.67	33.83 2.06 -12.85	40.42 2.52 -13.85	53.30 3.51 -18.13	58.06 3.83 -23.10	57.00 3.67 -22.70	54.64 3.29 -23.48	54.52 3.53 -22.08	52.79 3.32 -21.83	51.78 2.84 -25.09	49.57 2.77 -23.94	49.92 2.61 -25.57	51.51 2.62 -27.19	60.28 3.26 -30.74	75.34 5.15 -30.90	72.13 4.56 -32.73	65.20 4.28 -28.24	60.98 3.64 -29.15	56.27 3.60 -25.18	54.49 2.75 -30.44	47.52 3.27 -18.27
ARTHUR_KILL_2 23512	40.26 2.27 -18.75	36.84 1.98 -17.47	32.10 1.94 -13.02	32.09 1.96 -12.67	33.83 2.06 -12.85	40.42 2.52 -13.85	53.30 3.51 -18.13	58.06 3.83 -23.10	57.00 3.67 -22.70	54.64 3.29 -23.48	54.52 3.53 -22.08	52.79 3.32 -21.83	51.78 2.84 -25.09	49.57 2.77 -23.94	49.92 2.61 -25.57	51.51 2.62 -27.19	60.28 3.26 -30.74	75.34 5.15 -30.90	72.13 4.56 -32.73	65.20 4.28 -28.24	60.98 3.64 -29.15	56.27 3.60 -25.18	54.49 2.75 -30.44	47.52 3.27 -18.27
ARTHUR_KILL_3 23513	40.04 2.06 -18.75	36.66 1.81 -17.46	31.91 1.75 -13.02	31.90 1.78 -12.66	33.62 1.86 -12.84	40.29 2.40 -13.85	53.24 3.45 -18.13	57.99 3.76 -23.10	57.06 3.74 -22.69	54.69 3.34 -23.47	54.69 3.70 -22.07	52.94 3.48 -21.82	51.91 2.98 -25.08	49.70 2.90 -23.93	50.04 2.74 -25.56	51.63 2.76 -27.18	60.35 3.34 -30.74	75.23 5.03 -30.90	71.99 4.43 -32.72	65.07 4.15 -28.23	60.88 3.55 -29.15	56.10 3.44 -25.18	54.27 2.53 -30.44	47.27 3.04 -18.26
ARTHUR_KILL_COGEN 323718	40.26 2.27 -18.75	36.84 1.98 -17.47	32.10 1.94 -13.02	32.09 1.96 -12.67	33.83 2.06 -12.85	40.42 2.52 -13.85	53.30 3.51 -18.13	58.06 3.83 -23.10	57.00 3.67 -22.70	54.64 3.29 -23.48	54.52 3.53 -22.08	52.79 3.32 -21.83	51.78 2.84 -25.09	49.57 2.77 -23.94	49.92 2.61 -25.57	51.51 2.62 -27.19	60.28 3.26 -30.74	75.34 5.15 -30.90	72.13 4.56 -32.73	65.20 4.28 -28.24	60.98 3.64 -29.15	56.27 3.60 -25.18	54.49 2.75 -30.44	47.52 3.27 -18.27
ASHOKAN____ 23654	41.68 1.85 -20.60	38.21 1.63 -19.19	33.21 1.77 -14.30	33.17 1.80 -13.91	34.90 1.87 -14.11	41.52 2.26 -15.22	54.02 2.44 -19.92	59.48 2.99 -25.36	58.06 2.51 -24.92	56.02 2.37 -25.78	54.65 2.08 -23.65	51.45 1.71 -22.10	48.36 1.12 -23.39	49.95 1.49 -25.60	50.64 1.41 -27.49	52.59 1.52 -29.38	60.95 2.50 -32.18	76.90 4.60 -33.00	73.88 4.11 -34.93	66.58 3.76 -30.13	62.37 3.07 -31.12	57.37 3.00 -26.88	55.57 1.77 -32.50	47.36 1.87 -19.52
ASTORIA_EAST_ENERGY_CC1 323581	40.24 2.25 -18.75	36.84 1.98 -17.47	32.10 1.94 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.42 2.52 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.83 3.85 -22.07	53.10 3.65 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.14 2.85 -25.56	51.75 2.89 -27.18	60.50 3.50 -30.73	75.42 5.23 -30.90	72.05 4.50 -32.72	65.10 4.18 -28.22	60.94 3.61 -29.14	56.19 3.52 -25.18	54.49 2.75 -30.44	47.57 3.33 -18.27
ASTORIA_EAST_ENERGY_CC2 323582	40.22 2.23 -18.75	36.84 1.98 -17.47	32.10 1.94 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.42 2.52 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.83 3.85 -22.07	53.10 3.65 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.14 2.85 -25.56	51.75 2.89 -27.18	60.50 3.50 -30.73	75.42 5.23 -30.90	72.05 4.50 -32.72	65.10 4.18 -28.22	60.96 3.64 -29.14	56.19 3.52 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT2_I 24094	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27

ASTORIA_GT2_2 24095	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT2_3 24096	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT2_4 24097	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT3_1 24098	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT3_2 24099	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT3_3 24100	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT3_4 24101	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT4_1 24102	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT4_2 24103	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT4_3 24104	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT4_4 24105	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT_1 23523	40.24 2.25 -18.75	36.84 1.98 -17.47	32.12 1.95 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.10 3.32 -18.12	58.01 3.80 -23.09	57.08 3.77 -22.69	54.71 3.37 -23.46	54.86 3.88 -22.07	53.13 3.68 -21.81	52.05 3.12 -25.07	49.85 3.07 -23.92	50.17 2.87 -25.56	51.75 2.89 -27.18	60.53 3.52 -30.73	75.42 5.23 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.51 2.77 -30.44	47.57 3.33 -18.27
ASTORIA_GT_10 24110	40.22 2.23 -18.75	36.82 1.96 -17.47	32.09 1.92 -13.02	32.07 1.94 -12.67	33.81 2.04 -12.85	40.47 2.57 -13.85	53.39 3.61 -18.13	58.21 3.99 -23.10	57.28 3.95 -22.70	54.89 3.54 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.98 3.04 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.64 3.50 -30.87	75.51 5.30 -30.91	72.24 4.67 -32.73	65.30 4.38 -28.24	61.09 3.75 -29.15	56.33 3.66 -25.18	54.47 2.73 -30.44	47.52 3.27 -18.27
ASTORIA_GT_11 24225	40.22 2.23 -18.75	36.82 1.96 -17.47	32.09 1.92 -13.02	32.07 1.94 -12.67	33.81 2.04 -12.85	40.47 2.57 -13.85	53.39 3.61 -18.13	58.21 3.99 -23.10	57.28 3.95 -22.70	54.89 3.54 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.98 3.04 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.64 3.50 -30.87	75.51 5.30 -30.91	72.24 4.67 -32.73	65.30 4.38 -28.24	61.09 3.75 -29.15	56.33 3.66 -25.18	54.47 2.73 -30.44	47.52 3.27 -18.27
ASTORIA_GT_12 24226	40.22 2.23 -18.75	36.82 1.96 -17.47	32.09 1.92 -13.02	32.07 1.94 -12.67	33.81 2.04 -12.85	40.47 2.57 -13.85	53.39 3.61 -18.13	58.21 3.99 -23.10	57.28 3.95 -22.70	54.89 3.54 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.98 3.04 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.64 3.50 -30.87	75.51 5.30 -30.91	72.24 4.67 -32.73	65.30 4.38 -28.24	61.09 3.75 -29.15	56.33 3.66 -25.18	54.47 2.73 -30.44	47.52 3.27 -18.27

ASTORIA_GT_13 24227	40.22	36.82	32.09	32.07	33.81	40.47	53.39	58.21	57.28	54.89	54.96	53.47	52.89	49.98	50.28	51.84	60.64	75.51	72.24	65.30	61.09	56.33	54.47	47.52
	2.23	1.96	1.92	1.94	2.04	2.57	3.61	3.99	3.95	3.54	3.85	3.62	3.10	3.04	2.85	2.86	3.50	5.30	4.67	4.38	3.75	3.66	2.73	3.27
	-18.75	-17.47	-13.02	-12.67	-12.85	-13.85	-18.13	-23.10	-22.70	-23.48	-22.20	-22.21	-25.94	-24.07	-25.69	-27.29	-30.87	-30.91	-32.73	-28.24	-29.15	-25.18	-30.44	-18.27
ASTORIA_GT_5 24106	40.24	36.84	32.12	32.10	33.85	40.44	53.10	58.01	57.08	54.71	54.86	53.13	52.05	49.85	50.17	51.75	60.53	75.42	72.08	65.13	60.96	56.22	54.51	47.57
	2.25	1.98	1.95	1.97	2.08	2.55	3.32	3.80	3.77	3.37	3.88	3.68	3.12	3.07	2.87	2.89	3.52	5.23	4.53	4.22	3.64	3.55	2.77	3.33
	-18.75	-17.47	-13.02	-12.67	-12.85	-13.85	-18.12	-23.09	-22.69	-23.46	-22.07	-21.81	-25.07	-23.92	-25.56	-27.18	-30.73	-30.90	-32.72	-28.22	-29.14	-25.18	-30.44	-18.27
ASTORIA_GT_7 24107	40.24	36.84	32.12	32.10	33.85	40.44	53.10	58.01	57.08	54.71	54.86	53.13	52.05	49.85	50.17	51.75	60.53	75.42	72.08	65.13	60.96	56.22	54.51	47.57
	2.25	1.98	1.95	1.97	2.08	2.55	3.32	3.80	3.77	3.37	3.88	3.68	3.12	3.07	2.87	2.89	3.52	5.23	4.53	4.22	3.64	3.55	2.77	3.33
	-18.75	-17.47	-13.02	-12.67	-12.85	-13.85	-18.12	-23.09	-22.69	-23.46	-22.07	-21.81	-25.07	-23.92	-25.56	-27.18	-30.73	-30.90	-32.72	-28.22	-29.14	-25.18	-30.44	-18.27
ASTORIA_GT_8 24108	40.24	36.84	32.12	32.10	33.85	40.44	53.10	58.01	57.08	54.71	54.86	53.13	52.05	49.85	50.17	51.75	60.53	75.42	72.08	65.13	60.96	56.22	54.51	47.57
	2.25	1.98	1.95	1.97	2.08	2.55	3.32	3.80	3.77	3.37	3.88	3.68	3.12	3.07	2.87	2.89	3.52	5.23	4.53	4.22	3.64	3.55	2.77	3.33
	-18.75	-17.47	-13.02	-12.67	-12.85	-13.85	-18.12	-23.09	-22.69	-23.46	-22.07	-21.81	-25.07	-23.92	-25.56	-27.18	-30.73	-30.90	-32.72	-28.22	-29.14	-25.18	-30.44	-18.27
ASTORIA___2 24149	40.24	36.84	32.12	32.10	33.85	40.44	53.10	58.01	57.08	54.71	54.86	53.13	52.05	49.85	50.17	51.75	60.53	75.42	72.08	65.13	60.96	56.22	54.51	47.57
	2.25	1.98	1.95	1.97	2.08	2.55	3.32	3.80	3.77	3.37	3.88	3.68	3.12	3.07	2.87	2.89	3.52	5.23	4.53	4.22	3.64	3.55	2.77	3.33
	-18.75	-17.47	-13.02	-12.67	-12.85	-13.85	-18.12	-23.09	-22.69	-23.46	-22.07	-21.81	-25.07	-23.92	-25.56	-27.18	-30.73	-30.90	-32.72	-28.22	-29.14	-25.18	-30.44	-18.27
ASTORIA___3 23516	40.22	36.82	32.09	32.07	33.81	40.47	53.39	58.21	57.28	54.89	54.96	53.47	52.89	49.98	50.28	51.84	60.64	75.51	72.24	65.30	61.09	56.33	54.47	47.52
	2.23	1.96	1.92	1.94	2.04	2.57	3.61	3.99	3.95	3.54	3.85	3.62	3.10	3.04	2.85	2.86	3.50	5.30	4.67	4.38	3.75	3.66	2.73	3.27
	-18.75	-17.47	-13.02	-12.67	-12.85	-13.85	-18.13	-23.10	-22.70	-23.48	-22.20	-22.21	-25.94	-24.07	-25.69	-27.29	-30.87	-30.91	-32.73	-28.24	-29.15	-25.18	-30.44	-18.27
ASTORIA___4 23517	40.24	36.84	32.12	32.10	33.85	40.44	53.10	58.01	57.08	54.71	54.86	53.13	52.05	49.85	50.17	51.75	60.53	75.42	72.08	65.13	60.96	56.22	54.51	47.57
	2.25	1.98	1.95	1.97	2.08	2.55	3.32	3.80	3.77	3.37	3.88	3.68	3.12	3.07	2.87	2.89	3.52	5.23	4.53	4.22	3.64	3.55	2.77	3.33
	-18.75	-17.47	-13.02	-12.67	-12.85	-13.85	-18.12	-23.09	-22.69	-23.46	-22.07	-21.81	-25.07	-23.92	-25.56	-27.18	-30.73	-30.90	-32.72	-28.22	-29.14	-25.18	-30.44	-18.27
ASTORIA___5 23518	40.22	36.82	32.09	32.07	33.81	40.47	53.39	58.21	57.28	54.89	54.96	53.47	52.89	49.98	50.28	51.84	60.64	75.51	72.24	65.30	61.09	56.33	54.47	47.52
	2.23	1.96	1.92	1.94	2.04	2.57	3.61	3.99	3.95	3.54	3.85	3.62	3.10	3.04	2.85	2.86	3.50	5.30	4.67	4.38	3.75	3.66	2.73	3.27
	-18.75	-17.47	-13.02	-12.67	-12.85	-13.85	-18.13	-23.10	-22.70	-23.48	-22.20	-22.21	-25.94	-24.07	-25.69	-27.29	-30.87	-30.91	-32.73	-28.24	-29.15	-25.18	-30.44	-18.27
AST_ENERGY_2_CC3 323677	40.14	36.75	31.99	31.99	33.71	40.41	53.39	58.15	57.24	54.86	54.80	53.05	52.01	49.79	50.15	51.71	60.48	75.47	72.20	65.27	61.08	56.30	54.40	47.43
	2.15	1.90	1.84	1.87	1.95	2.52	3.61	3.92	3.92	3.51	3.82	3.59	3.08	3.00	2.85	2.84	3.47	5.27	4.63	4.35	3.75	3.63	2.66	3.19
	-18.75	-17.46	-13.02	-12.66	-12.84	-13.85	-18.13	-23.10	-22.69	-23.47	-22.07	-21.82	-25.08	-23.93	-25.56	-27.18	-30.73	-30.90	-32.72	-28.23	-29.15	-25.18	-30.44	-18.26
AST_ENERGY_2_CC4 323678	40.14	36.75	31.99	31.99	33.71	40.41	53.39	58.15	57.24	54.86	54.80	53.05	52.01	49.79	50.15	51.71	60.48	75.47	72.20	65.27	61.08	56.30	54.40	47.43
	2.15	1.90	1.84	1.87	1.95	2.52	3.61	3.92	3.92	3.51	3.82	3.59	3.08	3.00	2.85	2.84	3.47	5.27	4.63	4.35	3.75	3.63	2.66	3.19
	-18.75	-17.46	-13.02	-12.66	-12.84	-13.85	-18.13	-23.10	-22.69	-23.47	-22.07	-21.82	-25.08	-23.93	-25.56	-27.18	-30.73	-30.90	-32.72	-28.23	-29.15	-25.18	-30.44	-18.26
ATHENS_STG_1 23668	41.94	38.50	33.15	33.08	34.82	41.39	54.41	59.58	58.62	56.58	55.53	52.55	49.83	51.10	51.87	53.78	61.73	76.52	73.78	66.46	62.67	57.53	56.73	48.10
	1.23	1.11	1.10	1.12	1.19	1.49	2.00	2.02	2.02	1.84	1.97	1.88	1.60	1.56	1.48	1.48	1.84	2.75	2.44	2.29	1.97	1.95	1.47	1.74
	-21.47	-20.00	-14.91	-14.50	-14.70	-15.86	-20.76	-26.43	-25.97	-26.86	-24.65	-23.03	-24.38	-26.68	-28.65	-30.62	-33.62	-34.47	-36.50	-31.48	-32.51	-28.09	-33.96	-20.38
ATHENS_STG_2 23670	41.94	38.50	33.15	33.08	34.82	41.39	54.41	59.58	58.62	56.58	55.53	52.55	49.83	51.10	51.87	53.78	61.73	76.52	73.78	66.46	62.67	57.53	56.73	48.10
	1.23	1.11	1.10	1.12	1.19	1.49	2.00	2.02	2.02	1.84	1.97	1.88	1.60	1.56	1.48	1.48	1.84	2.75	2.44	2.29	1.97	1.95	1.47	1.74
	-21.47	-20.00	-14.91	-14.50	-14.70	-15.86	-20.76	-26.43	-25.97	-26.86	-24.65	-23.03	-24.38	-26.68	-28.65	-30.62	-33.62	-34.47	-36.50	-31.48	-32.51	-28.09	-33.96	-20.38
ATHENS_STG_3 23677	41.94	38.50	33.15	33.08	34.82	41.39	54.41	59.58	58.62	56.58	55.53	52.55	49.83	51.10	51.87	53.78	61.73	76.52	73.78	66.46	62.67	57.53	56.73	48.10
	1.23	1.11	1.10	1.12	1.19	1.49	2.00	2.02	2.02	1.84	1.97	1.88	1.60	1.56	1.48	1.48	1.84	2.75	2.44	2.29	1.97	1.95	1.47	1.74
	-21.47	-20.00	-14.91	-14.50	-14.70	-15.86	-20.76	-26.43	-25.97	-26.86	-24.65	-23.03	-24.38	-26.68	-28.65	-30.62	-33.62	-34.47	-36.50	-31.48	-32.51	-28.09	-33.96	-20.38
AUBURN___LFGE 323710	22.02	20.00	19.18	19.46	21.02	26.36	34.70	34.89	34.08	31.37	32.21	30.79	27.00	26.23	25.31	25.45	30.54	43.85	39.65	36.83	32.36	31.10	25.45	28.74
	0.38	0.38	0.38	0.38	0.45	0.55	0.73	0.81	0.55	0.50	0.55	0.58	0.43	0.39	0.37	0.35	0.47	0.67	0.70	0.59	0.51	0.44	0.32	0.47
	-2.40	-2.23	-1.66	-1.62	-1.64	-1.77	-2.32	-2.95	-2.90	-3.00	-2.75	-2.57	-2.72	-2.98	-3.20	-3.42	-3.79	-3.88	-4.12	-3.55	-3.67	-3.17	-3.83	-2.30
BABYLON_RES_REC 323704	43.18	37.96	33.18	36.00	34.22	45.80	60.89	65.54	64.25	64.19	63.51	62.57	59.78	60.27	60.69	60.68	70.40	84.16	88.39	80.00	75.39	66.46	60.53	57.64
	2.75	2.43	2.43	2.46	2.46	3.34	4.62	4.89	4.53	4.01	4.22	3.95	3.36	3.29	3.13	3.14	3.89	5.89	5.19	4.84	4.14	4.07	3.30	3.97
	-21.20	-18.14	-13.60	-16.07	-12.84	-18.42	-24.61	-29.52	-29.08	-32.30	-30.38	-30.98	-32.57	-34.10	-35.81	-35.85	-40.24	-38.97	-48.36	-42.48	-43.06	-34.90	-35.93	-27.70

BARRETT_IC_1 23704	65.82 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.82 2.16 -46.20	34.03 2.19 -12.91	65.82 2.91 -38.88	75.13 4.05 -39.42	112.02 4.33 -76.56	114.11 4.29 -79.19	114.06 3.85 -82.34	97.40 3.96 -64.52	99.34 3.73 -67.97	74.10 3.17 -47.07	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.43	84.52 3.63 -54.61	127.93 5.50 -83.13	173.67 4.84 -133.99	157.76 4.54 -120.53	113.93 3.89 -81.86	119.41 3.79 -88.13	90.10 2.94 -65.86	67.33 3.53 -37.82
BARRETT_IC_10 23701	65.83 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.83 2.16 -46.20	34.03 2.19 -12.91	65.83 2.91 -38.88	75.13 4.05 -39.42	79.92 4.33 -44.47	79.92 4.29 -45.00	79.92 3.85 -48.20	74.10 3.96 -41.23	74.10 3.73 -42.73	74.10 3.17 -47.08	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.44	74.71 3.63 -44.81	97.80 5.50 -53.00	115.24 4.84 -75.56	104.51 4.54 -67.28	87.46 3.89 -55.38	83.10 3.79 -51.81	69.67 2.94 -45.43	67.33 3.53 -37.82
BARRETT_IC_11 23702	65.83 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.83 2.16 -46.20	34.03 2.19 -12.91	65.83 2.91 -38.88	75.13 4.05 -39.42	79.92 4.33 -44.47	79.92 4.29 -45.00	79.92 3.85 -48.20	74.10 3.96 -41.23	74.10 3.73 -42.73	74.10 3.17 -47.08	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.44	74.71 3.63 -44.81	97.80 5.50 -53.00	115.24 4.84 -75.56	104.51 4.54 -67.28	87.46 3.89 -55.38	83.10 3.79 -51.81	69.67 2.94 -45.43	67.33 3.53 -37.82
BARRETT_IC_12 23703	65.83 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.83 2.16 -46.20	34.03 2.19 -12.91	65.83 2.91 -38.88	75.13 4.05 -39.42	79.92 4.33 -44.47	79.92 4.29 -45.00	79.92 3.85 -48.20	74.10 3.96 -41.23	74.10 3.73 -42.73	74.10 3.17 -47.08	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.44	74.71 3.63 -44.81	97.80 5.50 -53.00	115.24 4.84 -75.56	104.51 4.54 -67.28	87.46 3.89 -55.38	83.10 3.79 -51.81	69.67 2.94 -45.43	67.33 3.53 -37.82
BARRETT_IC_2 23705	65.82 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.82 2.16 -46.20	34.03 2.19 -12.91	65.82 2.91 -38.88	75.13 4.05 -39.42	112.02 4.33 -76.56	114.11 4.29 -79.19	114.06 3.85 -82.34	97.40 3.96 -64.52	99.34 3.73 -67.97	74.10 3.17 -47.07	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.43	84.52 3.63 -54.61	127.93 5.50 -83.13	173.67 4.84 -133.99	157.76 4.54 -120.53	113.93 3.89 -81.86	119.41 3.79 -88.13	90.10 2.94 -65.86	67.33 3.53 -37.82
BARRETT_IC_3 23706	65.82 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.82 2.16 -46.20	34.03 2.19 -12.91	65.82 2.91 -38.88	75.13 4.05 -39.42	112.02 4.33 -76.56	114.11 4.29 -79.19	114.06 3.85 -82.34	97.40 3.96 -64.52	99.34 3.73 -67.97	74.10 3.17 -47.07	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.43	84.52 3.63 -54.61	127.93 5.50 -83.13	173.67 4.84 -133.99	157.76 4.54 -120.53	113.93 3.89 -81.86	119.41 3.79 -88.13	90.10 2.94 -65.86	67.33 3.53 -37.82
BARRETT_IC_4 23707	65.82 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.82 2.16 -46.20	34.03 2.19 -12.91	65.82 2.91 -38.88	75.13 4.05 -39.42	112.02 4.33 -76.56	114.11 4.29 -79.19	114.06 3.85 -82.34	97.40 3.96 -64.52	99.34 3.73 -67.97	74.10 3.17 -47.07	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.43	84.52 3.63 -54.61	127.93 5.50 -83.13	173.67 4.84 -133.99	157.76 4.54 -120.53	113.93 3.89 -81.86	119.41 3.79 -88.13	90.10 2.94 -65.86	67.33 3.53 -37.82
BARRETT_IC_5 23708	65.82 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.82 2.16 -46.20	34.03 2.19 -12.91	65.82 2.91 -38.88	75.13 4.05 -39.42	112.02 4.33 -76.56	114.11 4.29 -79.19	114.06 3.85 -82.34	97.40 3.96 -64.52	99.34 3.73 -67.97	74.10 3.17 -47.07	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.43	84.52 3.63 -54.61	127.93 5.50 -83.13	173.67 4.84 -133.99	157.76 4.54 -120.53	113.93 3.89 -81.86	119.41 3.79 -88.13	90.10 2.94 -65.86	67.33 3.53 -37.82
BARRETT_IC_6 23709	65.82 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.82 2.16 -46.20	34.03 2.19 -12.91	65.82 2.91 -38.88	75.13 4.05 -39.42	112.02 4.33 -76.56	114.11 4.29 -79.19	114.06 3.85 -82.34	97.40 3.96 -64.52	99.34 3.73 -67.97	74.10 3.17 -47.07	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.43	84.52 3.63 -54.61	127.93 5.50 -83.13	173.67 4.84 -133.99	157.76 4.54 -120.53	113.93 3.89 -81.86	119.41 3.79 -88.13	90.10 2.94 -65.86	67.33 3.53 -37.82
BARRETT_IC_7 23710	65.82 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.82 2.16 -46.20	34.03 2.19 -12.91	65.82 2.91 -38.88	75.13 4.05 -39.42	112.02 4.33 -76.56	114.11 4.29 -79.19	114.06 3.85 -82.34	97.40 3.96 -64.52	99.34 3.73 -67.97	74.10 3.17 -47.07	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.43	84.52 3.63 -54.61	127.93 5.50 -83.13	173.67 4.84 -133.99	157.76 4.54 -120.53	113.93 3.89 -81.86	119.41 3.79 -88.13	90.10 2.94 -65.86	67.33 3.53 -37.82
BARRETT_IC_8 23711	65.82 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.82 2.16 -46.20	34.03 2.19 -12.91	65.82 2.91 -38.88	75.13 4.05 -39.42	112.02 4.33 -76.56	114.11 4.29 -79.19	114.06 3.85 -82.34	97.40 3.96 -64.52	99.34 3.73 -67.97	74.10 3.17 -47.07	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.43	84.52 3.63 -54.61	127.93 5.50 -83.13	173.67 4.84 -133.99	157.76 4.54 -120.53	113.93 3.89 -81.86	119.41 3.79 -88.13	90.10 2.94 -65.86	67.33 3.53 -37.82
BARRETT_IC_9 23700	65.83 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.83 2.16 -46.20	34.03 2.19 -12.91	65.83 2.91 -38.88	75.13 4.05 -39.42	79.92 4.33 -44.47	79.92 4.29 -45.00	79.92 3.85 -48.20	74.10 3.96 -41.23	74.10 3.73 -42.73	74.10 3.17 -47.08	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.44	74.71 3.63 -44.81	97.80 5.50 -53.00	115.24 4.84 -75.56	104.51 4.54 -67.28	87.46 3.89 -55.38	83.10 3.79 -51.81	69.67 2.94 -45.43	67.33 3.53 -37.82
BARRETT___1 23545	65.82 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.82 2.16 -46.20	34.03 2.19 -12.91	65.82 2.91 -38.88	75.13 4.05 -39.42	112.02 4.33 -76.56	114.11 4.29 -79.19	114.06 3.85 -82.34	97.40 3.96 -64.52	99.34 3.73 -67.97	74.10 3.17 -47.07	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.43	84.52 3.63 -54.61	127.93 5.50 -83.13	173.67 4.84 -133.99	157.76 4.54 -120.53	113.93 3.89 -81.86	119.41 3.79 -88.13	90.10 2.94 -65.86	67.33 3.53 -37.82
BARRETT___2 23546	65.83 2.44 -44.15	44.04 2.17 -24.48	38.44 2.14 -19.15	65.83 2.16 -46.20	34.03 2.19 -12.91	65.83 2.91 -38.88	75.13 4.05 -39.42	79.92 4.33 -44.47	79.92 4.29 -45.00	79.92 3.85 -48.20	74.10 3.96 -41.23	74.10 3.73 -42.73	74.10 3.17 -47.08	74.10 3.11 -48.12	74.10 2.96 -49.40	74.10 2.97 -49.44	74.71 3.63 -44.81	97.80 5.50 -53.00	115.24 4.84 -75.56	104.51 4.54 -67.28	87.46 3.89 -55.38	83.10 3.79 -51.81	69.67 2.94 -45.43	67.33 3.53 -37.82
BAYONEEC___CTG1 323682	40.10 2.12 -18.75	36.71 1.86 -17.46	31.96 1.80 -13.02	31.96 1.83 -12.66	33.67 1.91 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.69	54.80 3.46 -23.47	54.77 3.79 -22.07	53.03 3.57 -21.82	51.99 3.05 -25.08	49.79 3.00 -23.93	50.13 2.82 -25.56	51.69 2.82 -27.18	60.45 3.44 -30.74	75.43 5.23 -30.90	72.13 4.56 -32.72	65.20 4.28 -29.15	61.00 3.66 -25.18	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26

BAYONEEC___CTG10 323750	40.10 2.12 -18.75	36.71 1.86 -17.46	31.96 1.80 -13.02	31.96 1.83 -12.66	33.67 1.91 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.69	54.80 3.46 -23.47	54.77 3.79 -22.07	53.03 3.57 -21.82	51.99 3.05 -25.08	49.79 3.00 -23.93	50.13 2.82 -25.56	51.69 2.82 -27.18	60.45 3.44 -30.74	75.43 5.23 -30.90	72.13 4.56 -32.72	65.20 4.28 -28.23	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
BAYONEEC___CTG2 323683	40.10 2.12 -18.75	36.71 1.86 -17.46	31.96 1.80 -13.02	31.96 1.83 -12.66	33.67 1.91 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.69	54.80 3.46 -23.47	54.77 3.79 -22.07	53.03 3.57 -21.82	51.99 3.05 -25.08	49.79 3.00 -23.93	50.13 2.82 -25.56	51.69 2.82 -27.18	60.45 3.44 -30.74	75.43 5.23 -30.90	72.13 4.56 -32.72	65.20 4.28 -28.23	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
BAYONEEC___CTG3 323684	40.10 2.12 -18.75	36.71 1.86 -17.46	31.96 1.80 -13.02	31.96 1.83 -12.66	33.67 1.91 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.69	54.80 3.46 -23.47	54.77 3.79 -22.07	53.03 3.57 -21.82	51.99 3.05 -25.08	49.79 3.00 -23.93	50.13 2.82 -25.56	51.69 2.82 -27.18	60.45 3.44 -30.74	75.43 5.23 -30.90	72.13 4.56 -32.72	65.20 4.28 -28.23	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
BAYONEEC___CTG4 323685	40.10 2.12 -18.75	36.71 1.86 -17.46	31.96 1.80 -13.02	31.96 1.83 -12.66	33.67 1.91 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.69	54.80 3.46 -23.47	54.77 3.79 -22.07	53.03 3.57 -21.82	51.99 3.05 -25.08	49.79 3.00 -23.93	50.13 2.82 -25.56	51.69 2.82 -27.18	60.45 3.44 -30.74	75.43 5.23 -30.90	72.13 4.56 -32.72	65.20 4.28 -28.23	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
BAYONEEC___CTG5 323686	40.10 2.12 -18.75	36.71 1.86 -17.46	31.96 1.80 -13.02	31.96 1.83 -12.66	33.67 1.91 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.69	54.80 3.46 -23.47	54.77 3.79 -22.07	53.03 3.57 -21.82	51.99 3.05 -25.08	49.79 3.00 -23.93	50.13 2.82 -25.56	51.69 2.82 -27.18	60.45 3.44 -30.74	75.43 5.23 -30.90	72.13 4.56 -32.72	65.20 4.28 -28.23	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
BAYONEEC___CTG6 323687	40.10 2.12 -18.75	36.71 1.86 -17.46	31.96 1.80 -13.02	31.96 1.83 -12.66	33.67 1.91 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.69	54.80 3.46 -23.47	54.77 3.79 -22.07	53.03 3.57 -21.82	51.99 3.05 -25.08	49.79 3.00 -23.93	50.13 2.82 -25.56	51.69 2.82 -27.18	60.45 3.44 -30.74	75.43 5.23 -30.90	72.13 4.56 -32.72	65.20 4.28 -28.23	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
BAYONEEC___CTG7 323688	40.10 2.12 -18.75	36.71 1.86 -17.46	31.96 1.80 -13.02	31.96 1.83 -12.66	33.67 1.91 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.69	54.80 3.46 -23.47	54.77 3.79 -22.07	53.03 3.57 -21.82	51.99 3.05 -25.08	49.79 3.00 -23.93	50.13 2.82 -25.56	51.69 2.82 -27.18	60.45 3.44 -30.74	75.43 5.23 -30.90	72.13 4.56 -32.72	65.20 4.28 -28.23	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
BAYONEEC___CTG8 323689	40.10 2.12 -18.75	36.71 1.86 -17.46	31.96 1.80 -13.02	31.96 1.83 -12.66	33.67 1.91 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.69	54.80 3.46 -23.47	54.77 3.79 -22.07	53.03 3.57 -21.82	51.99 3.05 -25.08	49.79 3.00 -23.93	50.13 2.82 -25.56	51.69 2.82 -27.18	60.45 3.44 -30.74	75.43 5.23 -30.90	72.13 4.56 -32.72	65.20 4.28 -28.23	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
BAYONEEC___CTG9 323749	40.10 2.12 -18.75	36.71 1.86 -17.46	31.96 1.80 -13.02	31.96 1.83 -12.66	33.67 1.91 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.69	54.80 3.46 -23.47	54.77 3.79 -22.07	53.03 3.57 -21.82	51.99 3.05 -25.08	49.79 3.00 -23.93	50.13 2.82 -25.56	51.69 2.82 -27.18	60.45 3.44 -30.74	75.43 5.23 -30.90	72.13 4.56 -32.72	65.20 4.28 -28.23	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
BEACON___LESR 323632	45.12 1.42 -24.46	41.48 1.29 -22.80	35.41 1.29 -16.98	35.32 1.29 -16.56	37.16 1.44 -16.80	44.09 1.78 -18.27	57.90 2.50 -23.74	63.60 2.30 -30.17	62.71 2.45 -29.63	60.96 2.23 -30.85	59.28 2.17 -28.19	55.96 2.02 -26.31	53.37 1.74 -27.78	54.91 1.65 -30.39	56.03 1.59 -32.71	58.21 1.58 -34.94	66.68 1.87 -38.54	81.59 2.79 -39.50	79.20 2.51 -41.85	71.11 2.32 -36.10	67.46 2.00 -37.27	61.62 1.92 -32.20	61.77 1.53 -38.94	51.10 1.77 -23.36
BEAVER RIVER___HYD 24048	19.47 -0.17 -0.41	17.42 -0.19 -0.22	17.22 -0.20 -0.29	17.19 -0.17 0.09	18.63 -0.13 0.17	22.51 -0.07 1.46	31.44 0.19 0.41	31.11 -0.06 -0.05	30.83 0.03 -0.17	26.26 0.11 1.72	28.35 -0.06 0.51	27.51 0.03 0.16	24.27 -0.05 -0.47	23.24 -0.14 -0.51	21.58 -0.15 0.01	21.69 -0.09 -0.08	26.90 -0.03 -0.65	40.23 0.28 -0.66	35.65 0.10 -0.71	33.43 0.13 -0.61	28.87 0.06 -0.63	28.06 0.03 -0.54	21.87 -0.66 -0.66	26.27 -0.08 -0.37
BEEBEE_GT_13 23619	21.36 -0.15 -2.28	19.44 -0.07 -2.13	18.69 -0.03 -1.58	18.93 -0.07 -1.54	20.43 -0.06 -1.56	25.49 -0.24 -1.69	32.20 -0.51 -1.05	31.36 -0.22 -0.45	30.99 -0.28 -0.64	28.40 -0.25 -0.78	28.15 -0.32 0.45	27.70 -0.58 -0.64	25.21 -0.31 -1.67	24.39 -0.32 -1.84	23.67 -0.26 -2.19	23.52 -0.26 -2.09	28.44 -0.34 -2.51	38.64 -0.71 -0.05	34.82 -0.42 -0.40	32.44 -0.33 -0.08	30.01 -0.37 -2.19	29.38 -0.38 -2.28	24.00 -0.30 -3.00	27.65 -0.39 -2.06
BETHLEHEM___GRP 23843	44.99 1.19 -24.57	41.38 1.10 -22.90	35.28 1.08 -17.06	35.20 1.10 -16.63	37.01 1.21 -16.87	43.88 1.49 -18.34	57.59 2.09 -23.84	63.26 1.84 -30.30	62.31 1.93 -29.75	60.62 1.76 -30.99	58.84 1.62 -28.31	55.58 1.52 -26.42	53.06 1.31 -27.90	54.65 1.26 -30.52	55.78 1.19 -32.84	57.97 1.19 -35.09	66.34 1.37 -38.70	81.01 2.04 -39.67	78.70 1.85 -42.02	70.66 1.73 -36.25	67.07 1.46 -37.43	61.25 1.43 -32.33	61.56 1.17 -39.09	50.76 1.32 -23.46
BETHLEHEM___GS1 323560	44.99 1.19 -24.57	41.38 1.10 -22.90	35.28 1.08 -17.06	35.20 1.10 -16.63	37.01 1.21 -16.87	43.88 1.49 -18.34	57.59 2.09 -23.84	63.26 1.84 -30.30	62.31 1.93 -29.75	60.62 1.76 -30.99	58.84 1.62 -28.31	55.58 1.52 -26.42	53.06 1.31 -27.90	54.65 1.26 -30.52	55.78 1.19 -32.84	57.97 1.19 -35.09	66.34 1.37 -38.70	81.01 2.04 -39.67	78.70 1.85 -42.02	70.66 1.73 -36.25	67.07 1.46 -37.43	61.25 1.43 -32.33	61.56 1.17 -39.09	50.76 1.32 -23.46
BETHLEHEM___GS2 323561	44.99 1.19 -24.57	41.38 1.10 -22.90	35.28 1.08 -17.06	35.20 1.10 -16.63	37.01 1.21 -16.87	43.88 1.49 -18.34	57.59 2.09 -23.84	63.26 1.84 -30.30	62.31 1.93 -29.75	60.62 1.76 -30.99	58.84 1.62 -28.31	55.58 1.52 -26.42	53.06 1.31 -27.90	54.65 1.26 -30.52	55.78 1.19 -32.84	57.97 1.19 -35.09	66.34 1.37 -38.70	81.01 2.04 -39.67	78.70 1.85 -42.02	70.66 1.73 -36.25	67.07 1.46 -37.43	61.25 1.43 -32.33	61.56 1.17 -39.09	50.76 1.32 -23.46

BETHLEHEM___GS3 323562	44.99 1.19 -24.57	41.38 1.10 -22.90	35.28 1.08 -17.06	35.20 1.10 -16.63	37.01 1.21 -16.87	43.88 1.49 -18.34	57.59 2.09 -23.84	63.26 1.84 -30.30	62.31 1.93 -29.75	60.62 1.76 -30.99	58.84 1.62 -28.31	55.58 1.52 -26.42	53.06 1.31 -27.90	54.65 1.26 -30.52	55.78 1.19 -32.84	57.97 1.19 -35.09	66.34 1.37 -38.70	81.01 2.04 -39.67	78.70 1.85 -42.02	70.66 1.73 -36.25	67.07 1.46 -37.43	61.25 1.43 -32.33	61.56 1.17 -39.09	50.76 1.32 -23.46
BETHLEHEM___STEEL 23779	22.39 0.04 -3.12	20.40 0.10 -2.90	19.57 0.26 -2.17	19.69 0.12 -2.11	21.21 0.15 -2.14	26.15 -0.19 -2.30	48.69 -0.54 -17.57	64.24 -0.50 -33.61	60.66 -0.49 -30.53	57.60 -0.39 -30.12	70.93 -0.26 -42.27	53.09 -0.66 -26.12	38.51 -0.48 -15.13	38.88 -0.39 -16.40	36.39 -0.33 -14.98	40.46 -0.37 -19.14	44.52 -0.58 -18.82	89.17 -1.26 -51.13	83.86 -0.73 -49.76	78.42 -0.59 -46.32	48.70 -0.65 -21.16	40.41 -0.55 -13.47	34.15 -0.34 -13.19	30.23 -0.36 -4.62
BETHPAGE_CC_5 323564	43.59 2.67 -21.68	38.04 2.38 -18.27	33.21 2.35 -13.72	36.55 2.39 -16.70	34.15 2.38 -12.84	46.02 3.24 -18.73	60.94 4.49 -24.79	66.15 4.76 -30.26	65.18 4.69 -29.87	65.13 4.18 -33.08	64.13 4.31 -30.91	63.23 4.04 -31.55	60.16 3.44 -32.88	60.63 3.36 -34.40	60.94 3.20 -36.01	60.92 3.19 -36.04	70.63 3.89 -40.47	84.85 5.89 -39.66	89.69 5.16 -49.70	81.22 4.84 -43.70	75.99 4.14 -43.67	67.29 4.07 -35.74	60.84 3.15 -36.39	57.50 3.89 -27.63
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.59 0.19 -3.16	20.57 0.24 -2.94	19.73 0.39 -2.20	19.84 0.24 -2.14	21.39 0.30 -2.17	26.38 0.00 -2.34	49.09 -0.32 -17.75	64.83 -0.25 -33.95	61.19 -0.28 -30.84	58.14 -0.17 -30.43	71.56 -0.06 -42.70	53.58 -0.44 -26.38	38.86 -0.29 -15.29	39.23 -0.21 -16.57	36.71 -0.17 -15.14	40.84 -0.20 -19.35	44.90 -0.39 -19.02	90.04 -0.90 -51.65	84.65 -0.45 -50.27	79.15 -0.33 -46.79	49.15 -0.42 -21.39	40.78 -0.33 -13.61	34.46 -0.17 -13.34	30.52 -0.13 -4.67
BINGHAMTON___COGEN 23790	26.15 0.63 -6.28	23.83 0.59 -5.85	22.10 0.60 -4.36	22.30 0.59 -4.24	23.89 0.66 -4.30	29.47 0.79 -4.64	39.77 1.08 -7.03	41.92 1.09 -9.70	40.95 0.95 -9.37	38.30 0.84 -9.59	39.61 0.92 -9.77	36.77 0.88 -8.24	32.46 0.71 -7.90	32.18 0.69 -8.63	31.47 0.63 -9.10	32.25 0.63 -9.93	37.92 0.79 -10.86	53.63 1.10 -13.23	49.61 1.04 -13.73	45.73 0.98 -12.07	39.72 0.84 -10.70	37.24 0.82 -8.92	32.50 0.62 -10.58	32.96 0.86 -6.13
BLACK RIVER___HYD 24047	20.20 0.19 -0.78	18.16 0.16 -0.61	17.84 0.15 -0.54	17.92 0.19 -0.27	19.41 0.26 -0.22	23.85 0.46 0.65	32.83 0.98 -0.19	32.39 0.62 -0.64	32.08 0.73 -0.71	28.05 0.75 0.57	29.67 0.55 -0.21	28.72 0.66 -0.42	25.21 0.48 -0.88	24.18 0.34 -0.96	22.70 0.30 -0.65	22.84 0.39 -0.76	28.06 0.55 -1.23	41.73 1.18 -1.25	37.11 0.94 -1.33	34.78 0.95 -1.15	30.10 0.73 -1.19	29.20 0.69 -1.03	22.92 0.38 -1.24	27.22 0.52 -0.73
BLISS_WT_PWR 323608	23.30 0.73 -3.34	21.21 0.71 -3.11	20.35 0.89 -2.32	20.47 0.75 -2.26	22.06 0.85 -2.29	27.18 0.67 -2.47	47.74 0.54 -15.54	60.96 0.53 -29.30	57.79 0.49 -26.68	54.74 0.50 -26.36	66.06 0.58 -36.57	50.68 0.19 -22.85	37.71 0.26 -13.60	37.93 0.32 -14.74	35.67 0.33 -13.61	39.15 0.26 -17.19	43.49 0.19 -17.03	83.61 -0.08 -44.39	78.42 0.28 -43.30	73.31 0.39 -40.23	47.36 0.20 -18.98	40.20 0.38 -12.32	33.94 0.36 -12.28	31.15 0.60 -4.58
BLUE_CIRC_CHEM_DRP 24182	44.55 1.17 -24.14	40.95 1.08 -22.48	34.98 1.08 -16.76	34.85 1.08 -16.30	36.65 1.19 -16.53	43.34 1.47 -17.83	56.99 2.00 -23.34	62.71 1.87 -29.72	61.73 1.90 -29.20	59.83 1.76 -30.20	58.36 1.73 -27.71	55.16 1.63 -25.89	52.67 1.41 -27.41	54.21 1.35 -29.99	55.25 1.30 -32.21	57.41 1.30 -34.42	65.80 1.52 -38.01	80.62 2.28 -39.04	78.16 2.05 -41.26	70.21 1.93 -35.59	66.60 1.66 -36.75	60.86 1.62 -31.75	60.99 1.30 -38.39	50.57 1.51 -23.09
BOC_GAS_DRP 24189	44.71 1.08 -24.40	41.09 0.97 -22.72	35.04 0.96 -16.94	34.92 0.98 -16.48	36.69 1.06 -16.71	43.39 1.32 -18.02	57.02 1.77 -23.59	62.88 1.71 -30.04	61.86 1.71 -29.51	59.96 1.56 -30.53	58.51 1.59 -28.01	55.33 1.52 -26.17	52.86 1.31 -27.70	54.44 1.26 -30.31	55.49 1.19 -32.56	57.68 1.19 -34.79	66.07 1.39 -38.40	80.90 2.08 -39.52	78.41 1.88 -41.70	70.42 1.76 -35.97	66.84 1.52 -37.14	61.09 1.51 -32.09	61.28 1.19 -38.79	50.74 1.40 -23.37
BORALEX_4TH_BRANCH 23824	45.82 1.54 -25.05	42.18 1.44 -23.35	35.96 1.42 -17.39	35.86 1.43 -16.97	37.73 1.59 -17.21	44.81 2.02 -18.75	58.84 2.85 -24.33	64.83 2.80 -30.90	63.82 2.85 -30.35	62.14 2.62 -31.65	60.55 2.75 -28.89	57.16 2.57 -26.95	54.54 2.24 -28.44	56.12 2.13 -31.12	57.26 2.02 -33.50	59.48 1.99 -35.79	68.21 2.42 -39.52	83.29 3.61 -40.38	80.91 3.17 -42.90	72.70 3.01 -37.01	68.90 2.51 -38.21	62.92 2.42 -33.01	63.13 1.92 -39.92	52.11 2.26 -23.88
BOWLINE___1 23526	39.17 1.71 -18.22	35.87 1.51 -16.97	31.27 1.47 -12.65	31.27 1.50 -12.31	32.97 1.57 -12.48	39.52 2.02 -13.46	52.16 2.88 -17.62	56.71 3.14 -22.44	55.80 3.13 -22.04	53.46 2.79 -22.80	52.87 3.04 -20.92	50.03 2.85 -19.55	46.98 2.43 -20.69	47.89 2.38 -22.64	48.32 2.26 -24.32	49.93 2.26 -25.99	58.38 2.78 -29.32	73.61 4.25 -30.06	70.41 3.73 -31.84	63.65 3.50 -27.46	59.53 2.99 -28.36	54.88 2.89 -24.50	53.01 2.09 -29.62	46.24 2.49 -17.78
BOWLINE___2 23595	39.17 1.71 -18.22	35.88 1.51 -16.98	31.27 1.47 -12.65	31.27 1.50 -12.31	32.97 1.57 -12.48	39.52 2.02 -13.46	52.16 2.88 -17.62	56.71 3.14 -22.44	55.80 3.13 -22.05	53.46 2.79 -22.80	52.87 3.04 -20.92	50.04 2.85 -19.55	46.98 2.43 -20.69	47.89 2.38 -22.64	48.32 2.26 -24.32	49.94 2.26 -25.99	58.39 2.78 -29.33	73.61 4.25 -30.07	70.41 3.73 -31.84	63.65 3.50 -27.47	59.53 2.99 -28.36	54.88 2.89 -24.50	53.01 2.09 -29.63	46.25 2.49 -17.78
BROOKHAVEN___DRP 24191	41.95 3.00 -19.72	37.79 2.68 -17.73	33.10 2.71 -13.25	34.34 2.74 -14.13	34.48 2.73 -12.83	44.95 3.68 -17.23	60.57 5.10 -23.81	63.82 5.32 -27.37	62.69 5.27 -26.80	62.60 4.71 -30.02	62.76 5.03 -28.82	61.65 4.73 -29.29	59.51 4.03 -31.63	60.00 3.93 -33.20	60.52 3.74 -35.04	60.51 3.75 -35.07	70.46 4.60 -39.58	83.09 6.84 -36.95	85.45 6.17 -44.45	77.36 5.75 -38.92	74.46 4.99 -41.29	64.83 4.87 -32.47	59.50 3.64 -34.56	57.79 4.36 -27.45
BROOKLYN_NAVY_YARD 23515	40.08 2.10 -18.75	36.69 1.84 -17.46	31.94 1.78 -13.02	31.94 1.82 -12.66	33.65 1.89 -12.84	40.37 2.48 -13.85	53.36 3.58 -18.13	58.15 3.92 -23.10	57.21 3.89 -22.69	54.83 3.48 -23.47	54.74 3.76 -22.07	52.97 3.51 -21.82	51.94 3.01 -25.08	49.75 2.95 -23.93	50.09 2.78 -25.56	51.67 2.80 -27.18	60.42 3.41 -30.73	75.39 5.19 -30.90	72.13 4.56 -32.72	65.20 4.28 -28.23	61.02 3.69 -29.15	56.24 3.57 -25.18	54.38 2.64 -30.44	47.40 3.17 -18.26
BROOKLYN___ARMY_DRP 323595	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27

BROOME_2_LFGE 323671	26.15 0.63 -6.28	23.83 0.59 -5.85	22.10 0.60 -4.36	22.30 0.59 -4.24	23.89 0.66 -4.30	29.47 0.79 -4.64	39.77 1.08 -7.03	41.92 1.09 -9.70	40.95 0.95 -9.37	38.30 0.84 -9.59	39.61 0.92 -9.77	36.77 0.88 -8.24	32.46 0.71 -7.90	32.18 0.69 -8.63	31.47 0.63 -9.10	32.25 0.63 -9.93	37.92 0.79 -10.86	53.63 1.10 -13.23	49.61 1.04 -13.73	45.73 0.98 -12.07	39.72 0.84 -10.70	37.24 0.82 -8.92	32.50 0.62 -10.58	32.96 0.86 -6.13
BROOME___LFGE 323600	26.15 0.63 -6.28	23.83 0.59 -5.85	22.10 0.60 -4.36	22.30 0.59 -4.24	23.89 0.66 -4.30	29.47 0.79 -4.64	39.77 1.08 -7.03	41.92 1.09 -9.70	40.95 0.95 -9.37	38.30 0.84 -9.59	39.61 0.92 -9.77	36.77 0.88 -8.24	32.46 0.71 -7.90	32.18 0.69 -8.63	31.47 0.63 -9.10	32.25 0.63 -9.93	37.92 0.79 -10.86	53.63 1.10 -13.23	49.61 1.04 -13.73	45.73 0.98 -12.07	39.72 0.84 -10.70	37.24 0.82 -8.92	32.50 0.62 -10.58	32.96 0.86 -6.13
BURROWS___LYONSDAL 23803	19.54 0.31 0.00	17.60 0.28 0.06	17.40 0.26 0.00	17.61 0.30 0.15	19.10 0.36 0.18	23.85 0.53 0.72	32.31 0.98 0.33	31.72 0.78 0.19	31.32 0.83 0.13	27.79 0.84 0.92	29.23 0.72 0.40	28.14 0.75 0.24	24.42 0.57 0.00	23.33 0.46 0.00	21.95 0.43 0.23	21.96 0.48 0.21	26.93 0.66 0.00	40.48 1.18 0.00	35.81 0.97 0.00	33.60 0.91 0.00	28.91 0.73 0.00	28.18 0.69 0.00	21.75 0.45 0.00	26.54 0.57 0.00
CAITHNESS_CC_1 323624	41.89 2.94 -19.71	37.74 2.63 -17.72	33.03 2.64 -13.24	34.28 2.69 -14.13	34.41 2.65 -12.83	44.87 3.61 -17.22	60.40 4.94 -23.81	63.69 5.20 -27.37	62.56 5.14 -26.79	62.48 4.60 -30.01	62.64 4.92 -28.81	61.54 4.62 -29.28	59.41 3.93 -31.63	59.88 3.82 -33.20	60.42 3.65 -35.03	60.40 3.64 -35.07	70.35 4.49 -39.58	82.88 6.64 -36.94	85.23 5.96 -44.43	77.18 5.59 -38.90	74.32 4.85 -41.28	64.69 4.73 -32.47	59.41 3.56 -34.56	57.69 4.26 -27.45
CALPINE BETH_PAGE_GT4 24209	44.43 2.67 -22.52	38.27 2.38 -18.50	33.41 2.35 -13.92	37.64 2.39 -17.78	34.15 2.38 -12.84	46.65 3.24 -19.36	61.34 4.49 -25.19	68.18 4.76 -32.29	67.38 4.71 -32.03	67.33 4.21 -35.24	65.67 4.37 -32.39	64.88 4.09 -33.15	60.76 3.51 -33.40	61.21 3.43 -34.91	61.39 3.24 -36.41	61.39 3.25 -36.44	71.28 3.92 -41.09	86.76 5.89 -41.57	93.43 5.19 -53.40	84.63 4.87 -47.07	77.67 4.14 -45.34	69.62 4.10 -38.04	62.18 3.19 -37.69	57.55 3.89 -27.68
CALPINE_BETH_PAGE_GT_4 323586	44.43 2.67 -22.52	38.27 2.38 -18.50	33.41 2.35 -13.92	37.64 2.39 -17.78	34.15 2.38 -12.84	46.65 3.24 -19.36	61.34 4.49 -25.19	68.18 4.76 -32.29	67.38 4.71 -32.03	67.33 4.21 -35.24	65.67 4.37 -32.39	64.88 4.09 -33.15	60.76 3.51 -33.40	61.21 3.43 -34.91	61.39 3.24 -36.41	61.39 3.25 -36.44	71.28 3.92 -41.09	86.76 5.89 -41.57	93.43 5.19 -53.40	84.63 4.87 -47.07	77.67 4.14 -45.34	69.62 4.10 -38.04	62.18 3.19 -37.69	57.55 3.89 -27.68
CALPINE_BP_GT1 23823	44.43 2.67 -22.52	38.27 2.38 -18.50	33.41 2.35 -13.92	37.64 2.39 -17.78	34.15 2.38 -12.84	46.65 3.24 -19.36	61.34 4.49 -25.19	68.18 4.76 -32.29	67.38 4.71 -32.03	67.33 4.21 -35.24	65.67 4.37 -32.39	64.88 4.09 -33.15	60.76 3.51 -33.40	61.21 3.43 -34.91	61.39 3.24 -36.41	61.39 3.25 -36.44	71.28 3.92 -41.09	86.76 5.89 -41.57	93.43 5.19 -53.40	84.63 4.87 -47.07	77.67 4.14 -45.34	69.62 4.10 -38.04	62.18 3.19 -37.69	57.55 3.89 -27.68
CALSPAN___DRP 24200	22.39 0.04 -3.12	20.40 0.10 -2.90	19.57 0.26 -2.17	19.69 0.12 -2.11	21.21 0.15 -2.14	26.15 -0.19 -2.30	48.69 -0.54 -17.57	64.24 -0.50 -33.61	60.66 -0.49 -30.53	57.60 -0.39 -30.12	70.93 -0.26 -42.27	53.09 -0.66 -26.12	38.51 -0.48 -15.13	38.88 -0.39 -16.40	36.39 -0.33 -14.98	40.46 -0.37 -19.14	44.52 -0.58 -18.82	89.17 -1.26 -51.13	83.86 -0.73 -49.76	78.42 -0.59 -46.32	48.70 -0.65 -21.16	40.41 -0.55 -13.47	34.15 -0.34 -13.19	30.23 -0.36 -4.62
CANDIGU_WT_PWR 323617	23.89 0.46 -4.19	21.78 0.49 -3.91	20.60 0.55 -2.91	20.78 0.49 -2.83	22.36 0.57 -2.87	27.67 0.53 -3.10	41.29 0.54 -9.10	47.17 0.56 -15.48	45.34 0.37 -14.34	42.54 0.34 -14.33	47.57 0.43 -18.22	40.36 0.33 -12.39	32.92 0.29 -8.78	32.72 0.30 -9.55	31.37 0.28 -9.35	33.00 0.24 -11.07	38.01 0.29 -11.45	62.22 0.16 -22.76	57.81 0.38 -22.59	53.74 0.39 -20.66	40.56 0.28 -12.10	36.61 0.33 -8.78	31.17 0.32 -9.55	31.11 0.55 -4.59
CARR STREET_E_SYR 24060	20.99 0.06 -1.70	19.04 0.07 -1.58	18.39 0.07 -1.18	18.68 0.07 -1.15	20.18 0.10 -1.16	25.39 0.10 -1.26	33.33 0.03 -1.64	33.29 0.06 -2.09	32.63 -0.06 -2.06	29.95 -0.06 -2.13	30.84 -0.03 -1.95	29.44 -0.03 -1.82	25.73 -0.05 -1.93	24.94 -0.05 -2.11	23.94 -0.07 -2.27	24.05 -0.06 -2.43	28.91 -0.05 -2.69	41.90 -0.16 -2.76	37.69 -0.07 -2.92	35.14 -0.07 -2.52	30.70 -0.08 -2.60	29.63 -0.11 -2.25	23.93 -0.08 -2.72	27.55 -0.05 -1.63
CARTHAGE___PAPER 23857	19.95 0.04 -0.67	17.91 0.02 -0.50	17.61 0.00 -0.47	17.66 0.03 -0.17	19.13 0.10 -0.11	23.41 0.24 0.87	32.35 0.67 -0.02	31.94 0.34 -0.47	31.65 0.46 -0.56	27.48 0.50 0.90	29.24 0.32 -0.01	28.31 0.42 -0.26	24.88 0.26 -0.76	23.87 0.16 -0.84	22.34 0.13 -0.47	22.46 0.19 -0.57	27.66 0.32 -1.07	41.21 0.83 -1.08	36.62 0.63 -1.16	34.30 0.62 -1.00	29.69 0.48 -1.03	28.79 0.41 -0.89	22.57 0.19 -1.08	26.89 0.29 -0.63
CE_DUNWOOD___DRP 24194	39.86 1.90 -18.72	36.51 1.69 -17.44	31.79 1.65 -13.00	31.78 1.68 -12.64	33.48 1.74 -12.82	40.13 2.26 -13.83	52.99 3.23 -18.10	57.70 3.52 -23.05	56.77 3.49 -22.65	54.42 3.12 -23.43	53.82 3.41 -21.50	50.93 3.20 -20.08	47.85 2.74 -21.26	48.83 2.70 -23.26	49.27 2.54 -24.98	50.93 2.54 -26.70	59.49 3.13 -30.09	74.85 4.71 -30.84	71.65 4.14 -32.66	64.75 3.89 -28.18	60.60 3.32 -29.09	55.84 3.21 -25.14	54.05 2.36 -30.39	47.02 2.81 -18.24
CE_MILLWOOD___DRP 24193	39.73 1.83 -18.67	36.39 1.62 -17.39	31.68 1.58 -12.96	31.67 1.61 -12.61	33.37 1.67 -12.78	40.00 2.16 -13.79	52.78 3.07 -18.05	57.47 3.36 -22.98	56.55 3.34 -22.58	54.21 2.98 -23.36	53.61 3.27 -21.43	50.73 3.07 -20.02	47.67 2.62 -21.20	48.62 2.56 -23.19	49.06 2.41 -24.91	50.74 2.43 -26.62	59.24 2.97 -30.00	74.60 4.56 -30.75	71.41 4.00 -32.57	64.50 3.72 -28.09	60.37 3.18 -29.01	55.63 3.08 -25.06	53.86 2.26 -30.30	46.86 2.70 -18.18
CE_NYC2_DRP 24202	40.22 2.23 -18.75	36.82 1.96 -17.47	32.09 1.92 -13.02	32.07 1.94 -12.67	33.81 2.04 -12.85	40.47 2.57 -13.85	53.39 3.61 -18.13	58.21 3.99 -23.10	57.28 3.95 -22.70	54.89 3.54 -23.48	54.99 3.88 -22.20	53.50 3.65 -22.21	52.89 3.10 -25.94	49.98 3.04 -24.07	50.30 2.87 -25.69	51.86 2.89 -27.29	60.67 3.52 -30.87	75.55 5.34 -30.91	72.24 4.67 -32.73	65.30 4.38 -28.24	61.09 3.75 -29.15	56.33 3.66 -25.18	54.47 2.73 -30.44	47.52 3.27 -18.27
CE_NYC_DRP 24195	40.12 2.13 -18.75	36.74 1.90 -17.46	31.99 1.84 -13.02	31.97 1.85 -12.66	33.71 1.95 -12.84	40.41 2.52 -13.85	53.39 3.61 -18.13	58.18 3.95 -23.10	57.27 3.95 -22.69	54.88 3.54 -23.47	54.83 3.88 -22.04	53.00 3.65 -21.71	51.79 3.10 -24.84	49.80 3.04 -23.89	50.14 2.87 -25.53	51.71 2.86 -27.15	60.49 3.52 -30.70	75.50 5.30 -30.90	72.23 4.67 -32.72	65.30 4.38 -28.23	61.08 3.75 -29.15	56.30 3.63 -25.18	54.40 2.66 -30.44	47.43 3.19 -18.26



CHAFEE___LFGE 323603	22.71 0.25 -3.22	20.69 0.30 -3.00	19.85 0.46 -2.24	19.96 0.31 -2.18	21.49 0.36 -2.21	26.50 0.07 -2.38	48.02 -0.22 -16.58	62.49 -0.15 -31.52	59.13 -0.15 -28.66	56.11 -0.06 -28.29	68.47 0.06 -39.50	51.81 -0.36 -24.53	38.02 -0.22 -14.39	38.33 -0.14 -15.59	35.97 -0.09 -14.31	39.78 -0.11 -18.20	43.94 -0.29 -17.95	86.37 -0.79 -47.86	81.15 -0.31 -46.62	75.82 -0.23 -43.36	47.95 -0.34 -20.10	40.18 -0.22 -12.91	33.94 -0.11 -12.75	30.52 -0.05 -4.60
CHATEAUG_WT_PWR 323614	18.14 -1.10 0.00	15.71 -1.09 0.58	16.08 -1.06 0.00	15.02 -1.08 1.36	16.11 -1.17 1.64	16.10 -1.47 6.47	26.92 -1.77 2.96	27.73 -1.71 1.69	27.75 -1.68 1.20	18.02 -1.64 8.20	23.72 -1.59 3.60	23.90 -1.55 2.19	22.56 -1.29 0.00	21.63 -1.24 0.00	18.44 -1.26 2.04	18.61 -1.24 1.84	24.86 -1.42 0.00	37.61 -1.69 0.00	32.96 -1.88 0.00	30.95 -1.73 0.00	26.66 -1.52 0.00	26.06 -1.43 0.00	20.13 -1.17 0.00	24.60 -1.38 0.00
CHAT_HIGH_FALL_HYD 323578	18.04 -1.19 0.00	15.64 -1.18 0.57	15.98 -1.17 0.00	14.96 -1.17 1.33	16.05 -1.27 1.61	16.11 -1.59 6.34	26.82 -1.93 2.90	27.61 -1.87 1.66	27.65 -1.81 1.17	18.02 -1.81 8.04	23.68 -1.71 3.53	23.83 -1.66 2.15	22.47 -1.38 0.00	21.54 -1.33 0.00	18.38 -1.37 2.00	18.54 -1.34 1.81	24.75 -1.52 0.00	37.49 -1.81 0.00	32.82 -2.02 0.00	30.83 -1.86 0.00	26.58 -1.61 0.00	25.95 -1.54 0.00	20.04 -1.26 0.00	24.49 -1.48 0.00
CHAUTAUQUA___LFGE 323629	22.72 0.31 -3.17	20.69 0.35 -2.96	19.88 0.53 -2.21	19.99 0.38 -2.15	21.55 0.45 -2.18	26.60 0.22 -2.35	47.72 0.03 -16.03	61.65 0.09 -30.42	58.30 0.00 -27.67	55.31 0.11 -27.32	67.28 0.26 -38.11	51.16 -0.16 -23.69	37.73 -0.05 -13.93	37.99 0.02 -15.10	35.68 0.07 -13.87	39.33 0.02 -17.62	43.54 -0.13 -17.39	84.93 -0.55 -46.18	79.74 -0.10 -45.00	74.50 -0.03 -41.85	47.47 -0.17 -19.46	39.96 -0.05 -12.52	33.70 0.02 -12.38	30.55 0.08 -4.49
CH_MIDHUDSON___DRP 24192	41.35 1.83 -20.28	37.90 1.62 -18.89	32.84 1.61 -14.08	32.80 1.64 -13.70	34.52 1.70 -13.89	41.21 2.19 -14.99	54.28 3.01 -19.61	59.37 3.27 -24.97	58.38 3.22 -24.54	56.12 2.87 -25.38	55.30 3.10 -23.29	52.27 2.87 -21.76	49.29 2.41 -23.03	50.47 2.40 -25.20	51.09 2.28 -27.07	52.92 2.30 -28.93	61.30 2.89 -32.13	76.72 4.48 -32.95	73.66 3.94 -34.89	66.47 3.69 -30.09	62.41 3.16 -31.07	57.39 3.05 -26.85	55.95 2.19 -32.46	48.03 2.57 -19.48
CH_MISC_IPPS 23765	40.46 1.89 -19.34	37.09 1.69 -18.01	32.25 1.68 -13.43	32.24 1.71 -13.06	33.93 1.76 -13.24	40.59 2.26 -14.29	53.43 3.07 -18.70	58.33 3.39 -23.81	57.33 3.31 -23.40	55.06 2.98 -24.20	54.30 3.18 -22.20	51.31 2.93 -20.75	48.25 2.43 -21.96	49.35 2.45 -24.03	49.88 2.33 -25.81	51.62 2.34 -27.58	60.22 2.94 -31.01	75.72 4.63 -31.79	72.61 4.11 -33.66	65.55 3.82 -29.04	61.41 3.24 -29.99	56.53 3.13 -25.91	54.84 2.21 -31.32	47.37 2.60 -18.80
CH_RES_BVR_FALLS 23983	17.87 -0.19 1.18	16.45 -0.16 0.79	16.17 -0.15 0.82	17.24 -0.16 0.07	18.84 -0.15 -0.07	26.44 -0.19 -2.59	31.88 -0.22 -0.45	30.33 -0.25 0.54	29.63 -0.21 0.78	30.57 -0.22 -2.92	29.26 -0.23 -0.58	27.33 -0.22 0.09	22.32 -0.19 1.34	21.22 -0.18 1.46	21.06 -0.20 0.48	20.80 -0.20 0.69	24.17 -0.24 1.86	37.03 -0.32 1.95	32.26 -0.56 2.02	30.42 -0.52 1.75	25.93 -0.45 1.80	25.52 -0.41 1.56	19.12 -0.30 1.88	24.67 -0.34 0.97
CH_RES_NIAGARA 23895	21.07 -1.02 -2.85	19.25 -0.80 -2.66	18.44 -0.69 -1.98	18.59 -0.80 -1.93	19.99 -0.89 -1.95	24.66 -1.49 -2.11	31.18 -2.34 -1.87	30.58 -2.24 -1.69	30.21 -2.23 -1.81	27.89 -1.95 -1.96	27.94 -1.88 -0.91	27.09 -2.21 -1.67	24.57 -1.81 -2.53	23.98 -1.67 -2.78	23.34 -1.54 -3.14	23.30 -1.56 -3.17	27.87 -2.08 -3.67	37.61 -3.50 -1.81	34.31 -2.72 -2.19	31.88 -2.49 -1.68	29.29 -2.26 -3.37	28.55 -2.14 -3.20	23.81 -1.55 -4.06	26.77 -1.84 -2.64
CH_RES_SYRACUSE 23985	21.29 0.15 -1.90	19.33 0.17 -1.77	18.62 0.15 -1.32	18.92 0.17 -1.28	20.43 0.21 -1.30	25.68 0.24 -1.40	33.72 0.22 -1.84	33.71 0.25 -2.34	33.02 0.09 -2.30	30.33 0.08 -2.38	31.21 0.12 -2.18	29.82 0.14 -2.04	26.08 0.07 -2.16	25.30 0.07 -2.36	24.32 0.04 -2.53	24.44 0.04 -2.71	29.36 0.08 -3.01	42.45 0.08 -3.08	38.24 0.14 -3.26	35.60 0.10 -2.81	31.17 0.08 -2.91	30.06 0.06 -2.51	24.38 0.04 -3.04	27.90 0.10 -1.82
CLINTON_WT_PWR 323605	18.14 -1.10 0.00	15.71 -1.09 0.58	16.08 -1.06 0.00	15.02 -1.08 1.36	16.11 -1.17 1.64	16.10 -1.47 6.47	26.92 -1.77 2.96	27.73 -1.71 1.69	27.75 -1.68 1.20	18.02 -1.64 8.20	23.72 -1.59 3.60	23.90 -1.55 2.19	22.56 -1.29 0.00	21.63 -1.24 0.00	18.44 -1.26 2.04	18.61 -1.24 1.84	24.86 -1.42 0.00	37.61 -1.69 0.00	32.96 -1.88 0.00	30.95 -1.73 0.00	26.66 -1.52 0.00	26.06 -1.43 0.00	20.13 -1.17 0.00	24.60 -1.38 0.00
CLINTON___LFGE 323618	18.23 -1.00 0.00	15.77 -1.04 0.58	16.11 -1.03 0.00	15.06 -1.05 1.35	16.18 -1.12 1.63	16.19 -1.42 6.44	27.06 -1.65 2.95	27.89 -1.56 1.68	27.91 -1.53 1.19	18.09 -1.62 8.16	23.92 -1.42 3.58	24.05 -1.41 2.18	22.71 -1.14 0.00	21.77 -1.10 0.00	18.50 -1.22 2.03	18.68 -1.17 1.83	25.01 -1.26 0.00	38.04 -1.26 0.00	33.17 -1.67 0.00	31.15 -1.54 0.00	26.80 -1.38 0.00	26.20 -1.29 0.00	20.19 -1.11 0.00	24.70 -1.27 0.00
COLONIE_LFGE___ 323577	46.16 1.39 -25.53	42.48 1.29 -23.81	36.14 1.27 -17.73	36.05 1.29 -17.30	37.91 1.44 -17.55	44.94 1.78 -19.12	59.00 2.53 -24.81	65.03 2.40 -31.51	64.08 2.51 -30.94	62.49 2.34 -32.28	60.74 2.37 -29.46	57.30 2.18 -27.48	54.78 1.93 -29.00	56.40 1.81 -31.73	57.64 1.74 -34.16	59.92 1.74 -36.49	68.59 2.05 -40.26	83.49 3.07 -41.12	81.27 2.72 -43.71	72.95 2.55 -37.71	69.26 2.14 -38.94	63.22 2.09 -33.64	63.65 1.68 -40.67	52.24 1.95 -24.32
COPENHAGEN_WT_PWR 323753	20.23 0.15 -0.85	18.20 0.12 -0.69	17.85 0.12 -0.59	17.96 0.16 -0.34	19.45 0.23 -0.30	23.94 0.38 0.49	32.79 0.82 -0.31	32.41 0.53 -0.75	32.03 0.58 -0.82	28.13 0.61 0.35	29.70 0.43 -0.35	28.69 0.52 -0.53	25.19 0.38 -0.96	24.20 0.28 -1.05	22.74 0.22 -0.78	22.88 0.30 -0.89	28.06 0.45 -1.34	41.60 0.94 -1.36	37.09 0.80 -1.45	34.72 0.78 -1.25	30.10 0.62 -1.29	29.19 0.58 -1.12	22.97 0.32 -1.35	27.21 0.44 -0.80
CORNELL_____ 23752	24.19 0.71 -4.25	22.00 0.66 -3.96	20.74 0.65 -2.95	21.01 0.68 -2.87	22.59 0.76 -2.91	28.14 0.96 -3.14	37.12 1.36 -4.11	37.72 1.37 -5.23	36.93 1.16 -5.14	34.22 1.03 -5.31	34.89 1.10 -4.88	33.30 1.11 -4.56	29.56 0.88 -4.82	28.97 0.82 -5.28	28.17 0.76 -5.67	28.51 0.76 -6.06	33.99 1.00 -6.72	47.64 1.45 -6.89	43.49 1.36 -7.30	40.22 1.24 -6.30	35.75 1.07 -6.50	34.09 0.99 -5.62	28.81 0.72 -6.79	31.01 0.96 -4.07
COXSACKIE___GT 23611	42.11 1.77 -21.10	38.64 1.60 -19.66	33.46 1.66 -14.65	33.41 1.69 -14.25	35.15 1.78 -14.45	41.84 2.21 -15.59	54.75 2.69 -20.41	60.07 2.96 -25.98	58.88 2.72 -25.53	56.81 2.54 -26.41	55.54 2.40 -24.23	52.41 2.13 -22.64	49.46 1.64 -23.96	50.90 1.81 -26.22	51.62 1.72 -28.16	53.57 1.78 -30.10	61.79 2.52 -32.99	77.39 4.25 -33.84	74.45 3.80 -35.82	67.08 3.50 -30.90	63.02 2.93 -31.90	57.88 2.83 -27.56	56.50 1.87 -33.32	48.06 2.08 -20.01

CPV_VALLEY___CC1 323721	37.06 1.48 -16.35	33.94 1.32 -15.23	29.78 1.29 -11.35	29.81 1.31 -11.04	31.50 1.38 -11.19	37.90 1.78 -12.08	49.97 2.50 -15.81	53.96 2.71 -20.13	53.07 2.66 -19.78	50.70 2.37 -20.46	50.25 2.57 -18.77	47.61 2.43 -17.54	44.47 2.05 -18.56	45.22 2.03 -20.31	45.47 1.91 -21.82	46.93 1.93 -23.31	54.97 2.34 -26.36	69.89 3.58 -27.02	66.62 3.17 -28.62	60.31 2.94 -24.68	56.21 2.54 -25.49	51.96 2.45 -22.02	49.71 1.79 -26.62	44.08 2.13 -15.98
CPV_VALLEY___CC2 323722	37.06 1.48 -16.35	33.94 1.32 -15.23	29.78 1.29 -11.35	29.81 1.31 -11.04	31.50 1.38 -11.19	37.90 1.78 -12.08	49.97 2.50 -15.81	53.96 2.71 -20.13	53.07 2.66 -19.78	50.70 2.37 -20.46	50.25 2.57 -18.77	47.61 2.43 -17.54	44.47 2.05 -18.56	45.22 2.03 -20.31	45.47 1.91 -21.82	46.93 1.93 -23.31	54.97 2.34 -26.36	69.89 3.58 -27.02	66.62 3.17 -28.62	60.31 2.94 -24.68	56.21 2.54 -25.49	51.96 2.45 -22.02	49.71 1.79 -26.62	44.08 2.13 -15.98
CRESCENT___HYD 24018	46.16 1.39 -25.53	42.48 1.29 -23.81	36.14 1.27 -17.73	36.05 1.29 -17.30	37.91 1.44 -17.55	44.94 1.78 -19.12	59.00 2.53 -24.81	65.03 2.40 -31.51	64.08 2.51 -30.94	62.49 2.34 -32.28	60.74 2.37 -29.46	57.30 2.18 -27.48	54.78 1.93 -29.00	56.40 1.81 -31.73	57.64 1.74 -34.16	59.92 1.74 -36.49	68.59 2.05 -40.26	83.49 3.07 -41.12	81.27 2.72 -43.71	72.95 2.55 -37.71	69.26 2.14 -38.94	63.22 2.09 -33.64	63.65 1.68 -40.67	52.24 1.95 -24.32
CRUCIBLE_METL_DRP 24180	21.29 0.15 -1.90	19.33 0.17 -1.77	18.62 0.15 -1.32	18.92 0.17 -1.28	20.43 0.21 -1.30	25.68 0.24 -1.40	33.72 0.22 -1.84	33.71 0.25 -2.34	33.02 0.09 -2.30	30.33 0.08 -2.38	31.21 0.12 -2.18	29.82 0.14 -2.04	26.08 0.07 -2.16	25.30 0.07 -2.36	24.32 0.04 -2.53	24.44 0.04 -2.71	29.36 0.08 -3.01	42.45 0.08 -3.08	38.24 0.14 -3.26	35.60 0.10 -2.81	31.17 0.08 -2.91	30.06 0.06 -2.51	24.38 0.04 -3.04	27.90 0.10 -1.82
DANC___LFGE 323619	20.35 0.02 -1.09	18.36 0.02 -0.95	17.90 0.00 -0.76	18.08 0.03 -0.58	19.56 0.08 -0.56	24.23 0.12 -0.06	32.69 0.32 -0.72	32.37 0.09 -1.15	31.94 0.12 -1.18	28.44 0.14 -0.42	29.78 0.03 -0.84	28.64 0.08 -0.92	25.14 0.05 -1.24	24.23 0.00 -1.36	22.94 -0.02 -1.22	23.04 0.00 -1.35	28.03 0.03 -1.73	41.30 0.24 -1.77	36.89 0.18 -1.88	34.54 0.23 -1.62	30.03 0.17 -1.67	29.10 0.17 -1.44	23.11 0.06 -1.75	27.12 0.10 -1.04
DANSKAMMER___1 23586	40.46 1.89 -19.34	37.09 1.69 -18.01	32.25 1.68 -13.43	32.24 1.71 -13.06	33.93 1.76 -13.24	40.59 2.26 -14.29	53.43 3.07 -18.70	58.33 3.39 -23.81	57.33 3.31 -23.40	55.06 2.98 -24.20	54.30 3.18 -22.20	51.31 2.93 -20.75	48.25 2.43 -21.96	49.35 2.45 -24.03	49.88 2.33 -25.81	51.62 2.34 -27.58	60.22 2.94 -31.01	75.72 4.63 -31.79	72.61 4.11 -33.66	65.55 3.82 -29.04	61.41 3.24 -29.99	56.53 3.13 -25.91	54.84 2.21 -31.32	47.37 2.60 -18.80
DANSKAMMER___2 23589	40.46 1.89 -19.34	37.09 1.69 -18.01	32.25 1.68 -13.43	32.24 1.71 -13.06	33.93 1.76 -13.24	40.59 2.26 -14.29	53.43 3.07 -18.70	58.33 3.39 -23.81	57.33 3.31 -23.40	55.06 2.98 -24.20	54.30 3.18 -22.20	51.31 2.93 -20.75	48.25 2.43 -21.96	49.35 2.45 -24.03	49.88 2.33 -25.81	51.62 2.34 -27.58	60.22 2.94 -31.01	75.72 4.63 -31.79	72.61 4.11 -33.66	65.55 3.82 -29.04	61.41 3.24 -29.99	56.53 3.13 -25.91	54.84 2.21 -31.32	47.37 2.60 -18.80
DANSKAMMER___3 23590	40.46 1.89 -19.34	37.09 1.69 -18.01	32.25 1.68 -13.43	32.24 1.71 -13.06	33.93 1.76 -13.24	40.59 2.26 -14.29	53.43 3.07 -18.70	58.33 3.39 -23.81	57.33 3.31 -23.40	55.06 2.98 -24.20	54.30 3.18 -22.20	51.31 2.93 -20.75	48.25 2.43 -21.96	49.35 2.45 -24.03	49.88 2.33 -25.81	51.62 2.34 -27.58	60.22 2.94 -31.01	75.72 4.63 -31.79	72.61 4.11 -33.66	65.55 3.82 -29.04	61.41 3.24 -29.99	56.53 3.13 -25.91	54.84 2.21 -31.32	47.37 2.60 -18.80
DANSKAMMER___4 23591	40.46 1.89 -19.34	37.09 1.69 -18.01	32.25 1.68 -13.43	32.24 1.71 -13.06	33.93 1.76 -13.24	40.59 2.26 -14.29	53.43 3.07 -18.70	58.33 3.39 -23.81	57.33 3.31 -23.40	55.06 2.98 -24.20	54.30 3.18 -22.20	51.31 2.93 -20.75	48.25 2.43 -21.96	49.35 2.45 -24.03	49.88 2.33 -25.81	51.62 2.34 -27.58	60.22 2.94 -31.01	75.72 4.63 -31.79	72.61 4.11 -33.66	65.55 3.82 -29.04	61.41 3.24 -29.99	56.53 3.13 -25.91	54.84 2.21 -31.32	47.37 2.60 -18.80
DANSKAMMER___DIESEL 23592	40.46 1.89 -19.34	37.09 1.69 -18.01	32.25 1.68 -13.43	32.24 1.71 -13.06	33.93 1.76 -13.24	40.59 2.26 -14.29	53.43 3.07 -18.70	58.33 3.39 -23.81	57.33 3.31 -23.40	55.06 2.98 -24.20	54.30 3.18 -22.20	51.31 2.93 -20.75	48.25 2.43 -21.96	49.35 2.45 -24.03	49.88 2.33 -25.81	51.62 2.34 -27.58	60.22 2.94 -31.01	75.72 4.63 -31.79	72.61 4.11 -33.66	65.55 3.82 -29.04	61.41 3.24 -29.99	56.53 3.13 -25.91	54.84 2.21 -31.32	47.37 2.60 -18.80
DASHVILLE___HYD 23610	40.54 1.40 -19.90	37.18 1.25 -18.54	32.21 1.25 -13.82	32.18 1.27 -13.44	33.88 1.32 -13.63	40.40 1.66 -14.70	53.06 2.15 -19.24	58.03 2.40 -24.50	56.97 2.27 -24.08	54.84 2.06 -24.90	53.93 2.17 -22.85	50.98 1.99 -21.35	48.09 1.64 -22.60	49.29 1.69 -24.73	49.88 1.59 -26.56	51.68 1.61 -28.38	59.63 2.31 -31.05	74.79 3.66 -31.84	71.79 3.24 -33.71	64.77 3.01 -29.08	60.77 2.56 -30.02	55.93 2.50 -25.94	54.41 1.75 -31.36	46.85 2.05 -18.83
DELAWARE___LFGE 323621	28.42 1.00 -8.19	25.92 0.90 -7.63	23.72 0.89 -5.69	23.90 0.91 -5.53	25.51 0.98 -5.61	31.36 1.27 -6.05	41.41 1.84 -7.92	42.98 1.77 -10.08	42.31 1.78 -9.91	39.76 1.64 -10.25	39.99 1.68 -9.40	38.05 1.63 -8.78	34.51 1.36 -9.30	34.35 1.30 -10.17	33.88 1.22 -10.93	34.60 1.24 -11.68	40.73 1.50 -12.96	54.79 2.24 -13.26	50.93 2.02 -14.07	46.72 1.90 -12.14	42.35 1.63 -12.53	39.94 1.62 -10.83	35.58 1.19 -13.09	35.29 1.48 -7.84
DOGLEVILLE___HYD 23807	20.52 1.79 0.51	18.58 1.63 0.44	18.40 1.61 0.35	18.83 1.64 0.28	20.43 1.78 0.27	26.23 2.26 0.07	34.22 2.91 0.35	33.42 2.83 0.54	32.89 2.82 0.56	30.21 2.59 0.25	31.19 2.69 0.41	29.71 2.51 0.44	25.45 2.17 0.57	24.30 2.06 0.63	23.12 1.96 0.58	23.03 1.97 0.63	27.87 2.39 0.80	42.03 3.58 0.84	37.14 3.17 0.87	34.91 2.97 0.75	29.97 2.56 0.77	29.43 2.61 0.67	22.51 2.02 0.81	27.99 2.49 0.48
DUNKIRK___1 23563	22.69 0.29 -3.17	20.67 0.33 -2.95	19.84 0.50 -2.20	19.95 0.35 -2.14	21.53 0.44 -2.17	26.58 0.19 -2.34	47.70 -0.03 -16.08	61.72 0.06 -30.52	58.33 -0.06 -27.76	55.34 0.06 -27.41	67.36 0.20 -38.24	51.18 -0.22 -23.76	37.72 -0.10 -13.97	37.98 -0.02 -15.14	35.66 0.02 -13.90	39.33 -0.02 -17.66	43.53 -0.18 -17.43	85.01 -0.63 -46.34	79.82 -0.17 -45.15	74.58 -0.10 -41.99	47.46 -0.23 -19.51	39.93 -0.11 -12.55	33.70 0.00 -12.40	30.49 0.03 -4.49
DUNKIRK___2 23564	22.69 0.29 -3.17	20.67 0.33 -2.95	19.84 0.50 -2.20	19.95 0.35 -2.14	21.53 0.44 -2.17	26.58 0.19 -2.34	47.70 -0.03 -16.08	61.72 0.06 -30.52	58.33 -0.06 -27.76	55.34 0.06 -27.41	67.36 0.20 -38.24	51.18 -0.22 -23.76	37.72 -0.10 -13.97	37.98 -0.02 -15.14	35.66 0.02 -13.90	39.33 -0.02 -17.66	43.53 -0.18 -17.43	85.01 -0.63 -46.34	79.82 -0.17 -45.15	74.58 -0.10 -41.99	47.46 -0.23 -19.51	39.93 -0.11 -12.55	33.70 0.00 -12.40	30.49 0.03 -4.49

DUNKIRK___3 23565	22.56 0.19 -3.13	20.55 0.24 -2.92	19.73 0.41 -2.18	19.84 0.26 -2.12	21.39 0.32 -2.15	26.40 0.05 -2.32	47.47 -0.22 -16.03	61.43 -0.15 -30.46	58.08 -0.25 -27.70	55.11 -0.11 -27.35	67.11 0.03 -38.17	50.96 -0.39 -23.71	37.53 -0.24 -13.92	37.79 -0.16 -15.08	35.46 -0.13 -13.85	39.14 -0.15 -17.60	43.30 -0.34 -17.37	84.68 -0.86 -46.25	79.52 -0.38 -45.06	74.30 -0.29 -41.91	47.23 -0.39 -19.44	39.71 -0.27 -12.49	33.49 -0.15 -12.34	30.33 -0.10 -4.46
DUNKIRK___4 23566	22.56 0.19 -3.13	20.55 0.24 -2.92	19.73 0.41 -2.18	19.84 0.26 -2.12	21.39 0.32 -2.15	26.40 0.05 -2.32	47.47 -0.22 -16.03	61.43 -0.15 -30.46	58.08 -0.25 -27.70	55.11 -0.11 -27.35	67.11 0.03 -38.17	50.96 -0.39 -23.71	37.53 -0.24 -13.92	37.79 -0.16 -15.08	35.46 -0.13 -13.85	39.14 -0.15 -17.60	43.30 -0.34 -17.37	84.68 -0.86 -46.25	79.52 -0.38 -45.06	74.30 -0.29 -41.91	47.23 -0.39 -19.44	39.71 -0.27 -12.49	33.49 -0.15 -12.34	30.33 -0.10 -4.46
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.98 2.00 -18.75	36.61 1.76 -17.46	31.87 1.71 -13.02	31.87 1.75 -12.66	33.58 1.82 -12.84	40.25 2.36 -13.85	53.14 3.35 -18.13	57.88 3.67 -23.08	56.98 3.67 -22.68	54.62 3.29 -23.46	54.03 3.61 -21.50	51.08 3.40 -20.04	47.90 2.91 -21.14	48.97 2.84 -23.27	49.41 2.67 -25.00	51.10 2.69 -26.72	59.66 3.28 -30.10	75.17 4.99 -30.89	71.94 4.39 -32.71	64.99 4.09 -28.21	60.81 3.49 -29.13	56.04 3.38 -25.17	54.22 2.49 -30.43	47.20 2.96 -18.26
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.60 1.71 -18.66	36.28 1.51 -17.38	31.59 1.49 -12.95	31.58 1.52 -12.60	33.29 1.59 -12.78	39.87 2.04 -13.78	52.51 2.82 -18.04	57.18 3.08 -22.97	56.23 3.03 -22.57	53.92 2.70 -23.34	53.25 2.92 -21.42	50.36 2.71 -20.01	47.30 2.27 -21.19	48.34 2.29 -23.18	48.79 2.15 -24.90	50.47 2.17 -26.61	58.81 2.71 -29.82	74.08 4.21 -30.58	70.95 3.73 -32.38	64.08 3.46 -27.93	59.98 2.96 -28.84	55.27 2.86 -24.92	53.47 2.04 -30.13	46.47 2.42 -18.08
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.22 2.23 -18.75	36.82 1.96 -17.47	32.10 1.94 -13.02	32.09 1.96 -12.67	33.83 2.06 -12.85	40.44 2.55 -13.85	53.26 3.48 -18.12	58.08 3.86 -23.09	57.14 3.83 -22.69	54.77 3.43 -23.46	54.71 3.73 -22.07	51.96 3.51 -20.81	48.90 3.01 -22.04	49.72 2.93 -23.92	50.06 2.76 -25.56	51.64 2.78 -27.18	60.39 3.39 -30.73	75.34 5.15 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.19 3.52 -25.18	54.42 2.68 -30.44	47.49 3.25 -18.27
EAST HAMPTON___GT 23717	43.71 4.75 -19.73	39.38 4.26 -17.73	34.66 4.27 -13.25	35.97 4.37 -14.15	36.11 4.35 -12.83	47.31 6.03 -17.23	63.93 8.45 -23.82	67.36 8.84 -27.39	66.11 8.67 -26.81	65.65 7.75 -30.03	66.04 8.30 -28.83	64.65 7.71 -29.30	61.95 6.46 -31.64	62.36 6.29 -33.20	62.76 5.98 -35.04	62.75 5.99 -35.07	72.51 6.65 -39.59	86.48 10.21 -36.97	89.77 9.81 -44.48	81.44 9.81 -38.95	77.83 8.34 -41.30	67.96 7.97 -32.49	61.69 5.82 -34.57	60.44 7.01 -27.45
EAST RIVER___6 23660	40.17 2.19 -18.75	36.78 1.93 -17.46	32.03 1.87 -13.02	32.03 1.90 -12.66	33.75 1.99 -12.84	40.46 2.57 -13.85	53.49 3.70 -18.13	58.27 4.04 -23.10	57.36 4.04 -22.69	54.97 3.62 -23.47	54.95 3.96 -22.07	53.19 3.73 -21.82	52.10 3.17 -25.08	49.91 3.11 -23.93	50.24 2.93 -25.56	51.80 2.93 -27.18	60.61 3.60 -30.73	75.62 5.42 -30.90	72.34 4.77 -32.72	65.40 4.48 -28.23	61.17 3.83 -29.15	56.35 3.68 -25.18	54.47 2.73 -30.44	47.48 3.25 -18.26
EAST RIVER___7 23524	40.17 2.19 -18.75	36.78 1.93 -17.46	32.03 1.87 -13.02	32.03 1.90 -12.66	33.75 1.99 -12.84	40.46 2.57 -13.85	53.49 3.70 -18.13	58.27 4.04 -23.10	57.36 4.04 -22.69	54.97 3.62 -23.47	54.95 3.96 -22.07	53.19 3.73 -21.82	52.10 3.17 -25.08	49.91 3.11 -23.93	50.24 2.93 -25.56	51.80 2.93 -27.18	60.61 3.60 -30.73	75.62 5.42 -30.90	72.34 4.77 -32.72	65.40 4.48 -28.23	61.17 3.83 -29.15	56.35 3.68 -25.18	54.47 2.73 -30.44	47.48 3.25 -18.26
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.86 1.90 -18.72	36.51 1.69 -17.44	31.79 1.65 -13.00	31.78 1.68 -12.64	33.48 1.74 -12.82	40.13 2.26 -13.83	52.99 3.23 -18.10	57.70 3.52 -23.05	56.77 3.49 -22.65	54.42 3.12 -23.43	53.82 3.41 -21.50	50.93 3.20 -20.08	47.85 2.74 -21.26	48.83 2.70 -23.26	49.27 2.54 -24.98	50.93 2.54 -26.70	59.49 3.13 -30.09	74.85 4.71 -30.84	71.65 4.14 -32.66	64.75 3.89 -28.18	60.60 3.32 -29.09	55.84 3.21 -25.14	54.05 2.36 -30.39	47.02 2.81 -18.24
EAST_HAMPTON___DIESEL 23722	43.73 4.77 -19.73	39.38 4.26 -17.73	34.66 4.27 -13.25	35.97 4.37 -14.15	36.11 4.35 -12.83	47.31 6.03 -17.23	63.96 8.49 -23.82	67.36 8.84 -27.39	66.11 8.67 -26.81	65.65 7.75 -30.03	66.04 8.30 -28.83	64.65 7.71 -29.30	61.95 6.46 -31.64	62.36 6.29 -33.20	62.78 6.00 -35.04	62.75 5.99 -35.07	72.54 6.68 -39.59	86.52 10.26 -36.97	89.77 10.45 -44.48	81.44 9.81 -38.95	77.83 8.34 -41.30	67.96 7.97 -32.49	61.69 5.82 -34.57	60.44 7.01 -27.45
EAST_RIVER___1 323558	40.12 2.13 -18.75	36.74 1.90 -17.46	31.99 1.84 -13.02	31.97 1.85 -12.66	33.71 1.95 -12.84	40.41 2.52 -13.85	53.39 3.61 -18.13	58.18 3.95 -23.10	57.27 3.95 -22.69	54.88 3.54 -23.47	54.83 3.88 -22.04	53.00 3.65 -21.71	51.79 3.10 -24.84	49.80 3.04 -23.89	50.14 2.87 -25.53	51.71 2.86 -27.15	60.49 3.52 -30.70	75.50 5.30 -30.90	72.23 4.67 -32.72	65.30 4.38 -28.23	61.08 3.75 -29.15	56.30 3.63 -25.18	54.40 2.66 -30.44	47.43 3.19 -18.26
EAST_RIVER___2 323559	40.17 2.19 -18.75	36.78 1.93 -17.46	32.03 1.87 -13.02	32.03 1.90 -12.66	33.75 1.99 -12.84	40.46 2.57 -13.85	53.49 3.70 -18.13	58.27 4.04 -23.10	57.36 4.04 -22.69	54.97 3.62 -23.47	54.95 3.96 -22.07	53.19 3.73 -21.82	52.10 3.17 -25.08	49.91 3.11 -23.93	50.24 2.93 -25.56	51.80 2.93 -27.18	60.61 3.60 -30.73	75.62 5.42 -30.90	72.34 4.77 -32.72	65.40 4.48 -28.23	61.17 3.83 -29.15	56.35 3.68 -25.18	54.47 2.73 -30.44	47.48 3.25 -18.26
EAST___DELAWARE_HYD 23607	37.80 1.23 -17.33	34.61 1.08 -16.14	30.28 1.10 -12.03	30.29 1.12 -11.71	31.93 1.14 -11.87	38.31 1.47 -12.81	50.38 1.96 -16.76	54.74 2.27 -21.34	53.77 2.17 -20.97	51.54 1.98 -21.69	50.87 2.05 -19.90	48.11 1.88 -18.59	45.04 1.50 -19.68	45.98 1.58 -21.54	46.35 1.48 -23.13	47.95 1.54 -24.72	55.73 2.05 -27.40	70.70 3.30 -28.10	67.55 2.96 -29.75	61.10 2.75 -25.66	57.00 2.31 -26.50	52.61 2.23 -22.89	50.47 1.49 -27.68	44.30 1.71 -16.61
ELEC_TRO_TEK 24086	47.92 2.35 -26.33	39.03 2.09 -19.56	34.03 2.04 -14.85	42.25 2.06 -22.73	33.84 2.06 -12.86	48.75 2.79 -21.92	62.15 3.83 -26.67	75.56 4.11 -40.32	75.32 4.11 -40.59	75.31 3.65 -43.79	71.00 3.88 -38.22	70.76 3.65 -39.47	62.79 3.12 -35.82	63.18 3.07 -37.24	62.63 2.89 -38.00	62.63 2.91 -38.03	73.36 3.55 -43.54	93.83 5.42 -49.10	107.59 4.74 -68.01	97.53 4.44 -60.39	83.95 3.80 -51.96	78.30 3.68 -47.12	66.90 2.81 -42.79	56.55 3.38 -27.20
ELLENBURG_WT_PWR 323604	18.14 -1.10 0.00	15.71 -1.09 0.58	16.08 -1.06 0.00	15.02 -1.08 1.36	16.11 -1.17 1.64	16.10 -1.47 6.47	26.92 -1.77 2.96	27.73 -1.71 1.69	27.75 -1.68 1.20	18.02 -1.64 8.20	23.72 -1.59 3.60	23.90 -1.55 2.19	22.56 -1.29 0.00	21.63 -1.24 0.00	18.44 -1.26 2.04	18.61 -1.24 1.84	24.86 -1.42 0.00	37.61 -1.69 0.00	32.96 -1.88 0.00	30.95 -1.73 0.00	26.66 -1.52 0.00	26.06 -1.43 0.00	20.13 -1.17 0.00	24.60 -1.38 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.09 -0.19 -3.04	20.14 -0.09 -2.84	19.33 0.07 -2.12	19.45 -0.07 -2.06	20.94 -0.08 -2.09	25.84 -0.46 -2.25	46.62 -0.92 -15.88	60.50 -0.84 -30.21	57.24 -0.86 -27.47	54.29 -0.70 -27.11	66.22 -0.58 -37.89	50.18 -0.97 -23.51	36.87 -0.74 -13.76	37.14 -0.64 -14.91	34.85 -0.57 -13.68	38.49 -0.61 -17.40	42.57 -0.87 -17.16	83.50 -1.69 -45.89	78.39 -1.15 -44.70	73.29 -0.98 -41.58	46.45 -0.96 -19.23	38.94 -0.88 -12.33	32.86 -0.60 -12.16	29.67 -0.68 -4.37
EMPIRE_CC_1 323656	44.35 1.31 -23.80	40.76 1.20 -22.17	34.87 1.20 -16.53	34.74 1.20 -16.08	36.55 1.32 -16.30	43.28 1.66 -17.59	56.98 2.31 -23.02	62.68 2.24 -29.31	61.72 2.30 -28.79	59.75 2.09 -29.78	58.38 2.14 -27.33	55.19 2.02 -25.53	52.62 1.74 -27.03	54.11 1.67 -29.57	55.09 1.59 -31.76	57.22 1.58 -33.94	65.35 1.58 -37.50	80.07 2.36 -38.41	77.64 2.09 -40.71	69.77 1.96 -35.12	66.11 1.66 -36.26	60.44 1.62 -31.33	60.71 1.53 -37.88	50.48 1.79 -22.72
EMPIRE_CC_2 323658	44.35 1.31 -23.80	40.76 1.20 -22.17	34.87 1.20 -16.53	34.74 1.20 -16.08	36.55 1.32 -16.30	43.28 1.66 -17.59	56.98 2.31 -23.02	62.68 2.24 -29.31	61.72 2.30 -28.79	59.75 2.09 -29.78	58.38 2.14 -27.33	55.19 2.02 -25.53	52.62 1.74 -27.03	54.11 1.67 -29.57	55.09 1.59 -31.76	57.22 1.58 -33.94	65.35 1.58 -37.50	80.07 2.36 -38.41	77.64 2.09 -40.71	69.77 1.96 -35.12	66.11 1.66 -36.26	60.44 1.62 -31.33	60.71 1.53 -37.88	50.48 1.79 -22.72
ERIE_WT_PWR 323693	22.41 0.06 -3.12	20.43 0.14 -2.90	19.60 0.29 -2.17	19.71 0.14 -2.11	21.23 0.17 -2.14	26.18 -0.17 -2.30	48.72 -0.51 -17.57	64.30 -0.44 -33.61	60.70 -0.46 -30.53	57.63 -0.36 -30.12	70.95 -0.23 -42.27	53.12 -0.63 -26.12	38.53 -0.45 -15.13	38.90 -0.37 -16.40	36.41 -0.30 -14.98	40.51 -0.32 -19.14	44.54 -0.55 -18.82	89.25 -1.18 -51.13	83.90 -0.70 -49.76	78.45 -0.56 -46.32	48.72 -0.62 -21.16	40.43 -0.52 -13.47	34.17 -0.32 -13.19	30.28 -0.31 -4.62
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.16 0.69 -4.23	21.97 0.64 -3.94	20.71 0.63 -2.94	20.98 0.66 -2.86	22.56 0.74 -2.90	28.10 0.94 -3.12	37.04 1.30 -4.09	37.67 1.34 -5.21	36.88 1.13 -5.12	34.17 1.00 -5.29	34.84 1.07 -4.85	33.25 1.08 -4.54	29.51 0.86 -4.80	28.92 0.80 -5.25	28.12 0.74 -5.64	28.46 0.74 -6.03	33.91 0.94 -6.69	47.57 1.41 -6.86	43.43 1.32 -7.27	40.17 1.21 -6.27	35.67 1.01 -6.47	34.04 0.96 -5.59	28.76 0.70 -6.76	30.96 0.93 -4.06
E_CANADA_CAP_HY 24051	50.53 0.38 -30.91	46.54 0.35 -28.81	38.94 0.34 -21.46	38.73 0.35 -20.92	40.70 0.55 -21.22	47.71 0.60 -23.06	62.76 1.11 -29.99	70.11 0.87 -38.11	69.22 1.16 -37.43	68.01 1.17 -38.96	65.54 1.01 -35.61	61.76 0.88 -33.23	59.71 0.76 -35.10	61.89 0.62 -38.40	63.56 0.50 -41.32	66.40 0.56 -44.14	75.84 0.82 -48.75	90.34 1.37 -49.66	89.02 1.25 -52.93	79.46 1.11 -45.66	76.18 0.84 -47.15	68.99 0.77 -40.73	71.31 0.77 -49.25	56.07 0.73 -29.37
E_CANADA_MHWK_HY 24050	20.52 1.79 0.51	18.58 1.63 0.44	18.40 1.61 0.35	18.83 1.64 0.28	20.43 1.78 0.27	26.23 2.26 0.07	34.22 2.91 0.35	33.42 2.83 0.54	32.89 2.82 0.56	30.21 2.59 0.25	31.19 2.69 0.41	29.71 2.51 0.44	25.45 2.17 0.57	24.30 2.06 0.63	23.12 1.96 0.58	23.03 1.97 0.63	27.87 2.39 0.80	42.03 3.58 0.84	37.14 3.17 0.87	34.91 2.97 0.75	29.97 2.56 0.77	29.43 2.61 0.67	22.51 2.02 0.81	27.99 2.49 0.48
E_FISHKILL__LBMP 23776	40.20 1.75 -19.21	36.85 1.57 -17.89	32.01 1.53 -13.34	31.99 1.55 -12.97	33.71 1.63 -13.16	40.32 2.09 -14.19	53.18 2.94 -18.58	57.96 3.18 -23.65	57.02 3.16 -23.24	54.72 2.81 -24.04	54.03 3.06 -22.06	51.15 2.90 -20.61	48.12 2.46 -21.81	49.16 2.42 -23.87	49.66 2.28 -25.64	51.36 2.28 -27.40	59.97 2.76 -30.94	75.22 4.21 -31.71	72.12 3.69 -33.59	65.12 3.46 -28.97	61.09 2.99 -29.92	56.22 2.89 -25.85	54.66 2.11 -31.25	47.25 2.52 -18.75
FAR ROCKAWAY__4 23548	57.13 2.69 -35.20	41.79 2.40 -22.00	36.48 2.35 -16.99	54.25 2.39 -34.40	34.21 2.40 -12.88	57.54 3.24 -30.26	69.05 4.49 -32.90	94.28 4.48 -58.67	95.20 4.44 -60.13	95.14 3.96 -63.31	84.64 4.19 -51.54	85.49 3.95 -53.90	68.63 3.36 -41.42	68.82 3.29 -42.65	68.47 3.13 -43.60	68.44 3.12 -43.63	79.29 3.86 -49.15	111.57 5.93 -66.33	141.49 5.22 -101.42	128.43 4.90 -90.84	99.45 4.17 -67.10	99.42 4.04 -67.89	79.03 3.26 -54.47	62.14 3.92 -32.24
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.14 2.15 -18.75	36.75 1.90 -17.46	31.99 1.84 -13.02	31.99 1.87 -12.66	33.71 1.95 -12.84	40.44 2.55 -13.85	53.42 3.64 -18.13	58.21 3.99 -23.10	57.27 3.95 -22.69	54.89 3.54 -23.47	54.86 3.88 -22.07	53.11 3.65 -21.82	52.03 3.10 -25.08	49.84 3.04 -23.93	50.17 2.87 -25.56	51.76 2.89 -27.18	60.53 3.52 -30.74	75.50 5.30 -30.90	72.23 4.67 -32.72	65.30 4.38 -28.23	61.08 3.75 -29.15	56.30 3.63 -25.18	54.42 2.68 -30.44	47.43 3.19 -18.26
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.14 2.15 -18.75	36.75 1.90 -17.46	31.99 1.84 -13.02	31.99 1.87 -12.66	33.73 1.97 -12.84	40.44 2.55 -13.85	53.42 3.64 -18.13	58.21 3.99 -23.10	57.27 3.95 -22.69	54.89 3.54 -23.47	54.86 3.88 -22.07	53.11 3.65 -21.82	52.03 3.10 -25.08	49.84 3.04 -23.93	50.17 2.87 -25.56	51.76 2.89 -27.18	60.53 3.52 -30.74	75.50 5.30 -30.90	72.23 4.67 -32.72	65.30 4.38 -28.23	61.08 3.75 -29.15	56.30 3.63 -25.18	54.42 2.68 -30.44	47.43 3.19 -18.26
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.12 2.13 -18.75	36.73 1.88 -17.46	31.99 1.84 -13.02	31.97 1.85 -12.66	33.71 1.95 -12.84	40.41 2.52 -13.85	53.39 3.61 -18.13	58.18 3.95 -23.10	57.24 3.92 -22.69	54.86 3.51 -23.47	54.83 3.85 -22.07	53.08 3.62 -21.82	52.03 3.10 -25.08	49.82 3.02 -23.93	50.15 2.85 -25.56	51.74 2.86 -27.18	60.51 3.50 -30.74	75.50 5.30 -30.90	72.20 4.63 -32.72	65.27 4.35 -28.23	61.05 3.72 -29.15	56.27 3.60 -25.18	54.40 2.66 -30.44	47.40 3.17 -18.26
FARRAGUT__LBMP 323566	40.10 2.12 -18.75	36.73 1.88 -17.46	31.97 1.82 -13.02	31.97 1.85 -12.66	33.69 1.93 -12.84	40.39 2.50 -13.85	53.36 3.58 -18.13	58.15 3.92 -23.10	57.21 3.89 -22.69	54.83 3.48 -23.47	54.80 3.82 -22.07	53.05 3.59 -21.82	52.01 3.08 -25.08	49.79 3.00 -23.93	50.13 2.82 -25.56	51.71 2.84 -27.18	60.48 3.47 -30.74	75.43 5.23 -30.90	72.16 4.60 -32.72	65.23 4.31 -28.23	61.02 3.69 -29.15	56.24 3.57 -25.18	54.38 2.64 -30.44	47.40 3.17 -18.26
FENNER__WINDPWR 24204	21.36 0.65 -1.47	19.35 0.59 -1.37	18.74 0.58 -1.02	19.06 0.61 -0.99	20.63 0.70 -1.01	26.04 0.91 -1.08	34.41 1.33 -1.42	34.21 1.28 -1.81	33.63 1.23 -1.78	30.85 1.14 -1.84	31.72 1.13 -1.68	30.32 1.11 -1.57	26.42 0.91 -1.67	25.51 0.82 -1.82	24.46 0.76 -1.96	24.56 0.78 -2.09	29.60 1.00 -2.32	43.24 1.57 -2.37	38.76 1.40 -2.52	36.17 1.31 -2.18	31.50 1.07 -2.25	30.45 1.02 -1.94	24.39 0.75 -2.35	28.34 0.96 -1.41
FIBERTEK__ENERGY 23856	21.29 0.15 -1.90	19.33 0.17 -1.77	18.62 0.15 -1.32	18.92 0.17 -1.28	20.43 0.21 -1.30	25.68 0.24 -1.40	33.72 0.22 -1.84	33.71 0.25 -2.34	33.02 0.09 -2.30	30.33 0.08 -2.38	31.21 0.12 -2.18	29.82 0.14 -2.04	26.08 0.07 -2.16	25.30 0.07 -2.36	24.32 0.04 -2.53	24.44 0.04 -2.71	29.36 0.08 -3.01	42.45 0.08 -3.08	38.24 0.14 -3.26	35.60 0.10 -2.81	31.17 0.08 -2.91	30.06 0.06 -2.51	24.38 0.04 -3.04	27.90 0.10 -1.82

FITZPATRICK____ 23598	19.99 -0.40 -1.16	18.12 -0.35 -1.08	17.61 -0.34 -0.81	17.90 -0.35 -0.78	19.34 -0.38 -0.79	24.42 -0.48 -0.86	31.96 -0.82 -1.12	31.69 -0.87 -1.43	31.14 -0.89 -1.40	28.52 -0.81 -1.45	29.41 -0.84 -1.33	28.06 -0.83 -1.24	24.45 -0.71 -1.32	23.62 -0.69 -1.44	22.66 -0.63 -1.55	22.72 -0.63 -1.65	27.32 -0.79 -1.84	39.96 -1.22 -1.88	35.79 -1.04 -1.99	33.43 -0.98 -1.72	29.11 -0.84 -1.78	28.20 -0.82 -1.53	22.53 -0.62 -1.85	26.39 -0.70 -1.11
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.56 1.92 -19.40	37.16 1.71 -18.07	32.31 1.70 -13.47	32.29 1.73 -13.10	34.01 1.80 -13.28	40.68 2.31 -14.33	53.55 3.13 -18.76	58.47 3.45 -23.89	57.47 3.37 -23.47	55.19 3.04 -24.27	54.39 3.21 -22.27	51.41 2.96 -20.81	48.34 2.46 -22.03	49.47 2.49 -24.10	49.98 2.35 -25.89	51.74 2.39 -27.67	60.35 2.99 -31.08	75.88 4.71 -31.87	72.77 4.18 -33.75	65.69 3.89 -29.11	61.57 3.32 -30.06	56.65 3.19 -25.97	54.96 2.26 -31.40	47.44 2.62 -18.84
FORT ORANGE____ 23900	44.56 1.21 -24.11	40.98 1.11 -22.48	34.98 1.10 -16.74	34.90 1.12 -16.32	36.71 1.23 -16.56	43.56 1.52 -18.00	57.15 2.09 -23.40	62.80 1.93 -29.74	61.85 2.02 -29.20	60.12 1.84 -30.41	58.49 1.79 -27.79	55.26 1.69 -25.93	52.69 1.46 -27.38	54.22 1.40 -29.96	55.30 1.33 -32.24	57.45 1.32 -34.44	65.83 1.55 -38.01	80.56 2.32 -38.95	78.19 2.09 -41.26	70.24 1.96 -35.60	66.60 1.66 -36.76	60.84 1.59 -31.75	60.97 1.28 -38.39	50.46 1.45 -23.03
FORT_DRUM_COGEN 23780	20.16 0.17 -0.75	18.11 0.14 -0.59	17.78 0.12 -0.52	17.86 0.16 -0.24	19.35 0.23 -0.19	23.74 0.41 0.70	32.73 0.92 -0.15	32.31 0.59 -0.59	31.98 0.67 -0.67	27.94 0.72 0.66	29.59 0.52 -0.16	28.63 0.61 -0.38	25.15 0.45 -0.85	24.10 0.30 -0.93	22.61 0.26 -0.60	22.75 0.35 -0.71	27.99 0.53 -1.19	41.60 1.10 -1.21	37.03 0.90 -1.29	34.68 0.88 -1.11	30.03 0.70 -1.15	29.11 0.63 -0.99	22.84 0.34 -1.20	27.14 0.47 -0.70
FPL_FAR_ROCK_GT1 24212	57.13 2.69 -35.20	41.79 2.40 -22.00	36.48 2.35 -16.99	54.25 2.39 -34.40	34.21 2.40 -12.88	57.54 3.24 -30.26	69.05 4.49 -32.90	94.28 4.48 -58.67	95.20 4.44 -60.13	95.14 3.96 -63.31	84.64 4.19 -51.54	85.49 3.95 -53.90	68.63 3.36 -41.42	68.82 3.29 -42.65	68.47 3.13 -43.60	68.44 3.12 -43.63	79.29 3.86 -49.15	111.57 5.93 -66.33	141.49 5.22 -101.42	128.43 4.90 -90.84	99.45 4.17 -67.10	99.42 4.04 -67.89	79.03 3.26 -54.47	62.14 3.92 -32.24
FPL_FAR_ROCK_GT2 23815	57.13 2.69 -35.20	41.79 2.40 -22.00	36.48 2.35 -16.99	54.25 2.39 -34.40	34.21 2.40 -12.88	57.54 3.24 -30.26	69.05 4.49 -32.90	94.28 4.48 -58.67	95.20 4.44 -60.13	95.14 3.96 -63.31	84.64 4.19 -51.54	85.49 3.95 -53.90	68.63 3.36 -41.42	68.82 3.29 -42.65	68.47 3.13 -43.60	68.44 3.12 -43.63	79.29 3.86 -49.15	111.57 5.93 -66.33	141.49 5.22 -101.42	128.43 4.90 -90.84	99.45 4.17 -67.10	99.42 4.04 -67.89	79.03 3.26 -54.47	62.14 3.92 -32.24
FRANKLIN_FALL_HYD 24054	18.08 -1.15 0.00	15.65 -1.20 0.54	15.98 -1.17 0.00	15.01 -1.19 1.27	16.13 -1.27 1.53	16.42 -1.59 6.03	27.00 -1.90 2.76	27.72 -1.84 1.58	27.74 -1.78 1.11	18.41 -1.81 7.65	23.91 -1.65 3.35	23.97 -1.63 2.04	22.52 -1.34 0.00	21.59 -1.28 0.00	18.45 -1.39 1.90	18.63 -1.34 1.72	24.80 -1.47 0.00	37.76 -1.53 0.00	32.92 -1.92 0.00	30.89 -1.80 0.00	26.61 -1.58 0.00	25.95 -1.54 0.00	20.00 -1.30 0.00	24.47 -1.51 0.00
FREEPORT_EQUS_GT1 23764	47.35 2.60 -25.52	39.01 2.30 -19.33	34.05 2.26 -14.65	41.49 2.30 -21.72	34.08 2.31 -12.85	49.06 3.12 -21.90	62.95 4.34 -26.95	73.76 4.64 -37.99	73.30 4.56 -38.11	73.28 4.10 -41.31	69.63 4.19 -36.53	69.23 3.95 -37.64	62.54 3.39 -35.30	62.91 3.29 -36.75	62.94 3.13 -38.07	62.92 3.12 -38.11	72.94 3.84 -42.83	92.07 5.86 -46.92	103.77 5.16 -63.78	94.02 4.81 -56.53	82.34 4.11 -50.04	76.07 4.10 -44.49	65.74 3.13 -41.31	58.33 3.76 -28.59
FREEPORT____CT2 23818	47.35 2.60 -25.52	39.01 2.30 -19.33	34.05 2.26 -14.65	41.49 2.30 -21.72	34.08 2.31 -12.85	49.06 3.12 -21.90	62.95 4.34 -26.95	73.76 4.64 -37.99	73.30 4.56 -38.11	73.28 4.10 -41.31	69.63 4.19 -36.53	69.23 3.95 -37.64	62.54 3.39 -35.30	62.91 3.29 -36.75	62.94 3.13 -38.07	62.92 3.12 -38.11	72.94 3.84 -42.83	92.07 5.86 -46.92	103.77 5.16 -63.78	94.02 4.81 -56.53	82.34 4.11 -50.04	76.07 4.10 -44.49	65.74 3.13 -41.31	58.33 3.76 -28.59
FULTON COGEN____ 23766	20.62 -0.11 -1.50	18.70 -0.09 -1.39	18.10 -0.09 -1.04	18.39 -0.09 -1.01	19.87 -0.08 -1.02	25.05 -0.10 -1.11	32.82 -0.29 -1.45	32.72 -0.25 -1.84	32.07 -0.37 -1.81	29.38 -0.36 -1.87	30.31 -0.32 -1.72	28.94 -0.30 -1.61	25.24 -0.31 -1.70	24.43 -0.30 -1.86	23.45 -0.28 -2.00	23.54 -0.28 -2.13	28.33 -0.31 -2.37	41.21 -0.51 -2.43	37.03 -0.38 -2.57	34.51 -0.39 -2.22	30.11 -0.37 -2.29	29.08 -0.38 -1.98	23.41 -0.28 -2.39	27.12 -0.29 -1.43
FULTON____LFGE 323630	50.61 2.08 -29.29	46.58 1.88 -27.31	39.37 1.89 -20.34	39.20 1.90 -19.84	41.45 2.40 -20.12	48.67 2.74 -21.89	64.34 4.24 -28.44	71.03 3.76 -36.13	70.40 4.29 -35.48	68.94 4.10 -36.97	66.62 3.93 -33.77	62.66 3.51 -31.51	60.24 3.12 -33.26	62.08 2.81 -36.40	63.63 2.72 -39.17	66.34 2.80 -41.85	76.13 3.65 -46.20	92.05 5.74 -47.02	90.15 5.16 -50.16	80.69 4.74 -43.27	76.75 3.89 -44.68	69.77 3.68 -38.60	70.80 2.83 -46.67	56.82 3.04 -27.81
G.F.CEMENT____DRP 24184	46.30 1.46 -25.60	42.63 1.37 -23.87	36.27 1.35 -17.78	36.19 1.38 -17.35	38.11 1.59 -17.60	45.11 1.90 -19.17	59.38 2.85 -24.87	65.30 2.58 -31.59	64.50 2.85 -31.02	62.91 2.68 -32.36	61.20 2.75 -29.54	57.68 2.49 -27.55	55.21 2.29 -29.07	56.81 2.13 -31.81	58.03 2.04 -34.25	60.31 2.04 -36.58	69.07 2.42 -40.38	84.13 3.69 -41.13	81.96 3.27 -43.85	73.58 3.07 -37.82	69.80 2.56 -39.05	63.79 2.56 -33.74	64.07 1.98 -40.79	52.51 2.21 -24.33
GARDENVILLE____LBMP 24039	22.28 -0.06 -3.10	20.31 0.03 -2.89	19.49 0.19 -2.15	19.61 0.05 -2.10	21.12 0.08 -2.12	26.05 -0.29 -2.29	46.92 -0.67 -15.92	60.77 -0.62 -30.26	57.50 -0.64 -27.52	54.54 -0.50 -27.17	66.44 -0.40 -37.93	50.42 -0.77 -23.55	37.10 -0.57 -13.82	37.36 -0.48 -14.98	35.05 -0.43 -13.75	38.71 -0.46 -17.47	42.81 -0.71 -17.24	83.84 -1.41 -45.95	78.74 -0.87 -44.77	73.57 -0.75 -41.64	46.73 -0.76 -19.30	39.21 -0.69 -12.40	33.12 -0.43 -12.24	29.93 -0.47 -4.42
GENERAL____MILLS 23808	22.39 0.04 -3.12	20.40 0.10 -2.90	19.57 0.26 -2.17	19.69 0.12 -2.11	21.21 0.15 -2.14	26.15 -0.19 -2.30	48.69 -0.54 -17.57	64.24 -0.50 -33.61	60.66 -0.49 -30.53	57.60 -0.39 -30.12	70.93 -0.26 -42.27	53.09 -0.66 -26.12	38.51 -0.48 -15.13	38.88 -0.39 -16.40	36.39 -0.33 -14.98	40.46 -0.37 -19.14	44.52 -0.58 -18.82	89.17 -1.26 -51.13	83.86 -0.73 -49.76	78.42 -0.59 -46.32	48.70 -0.65 -21.16	40.41 -0.55 -13.47	34.15 -0.34 -13.19	30.23 -0.36 -4.62
GE_PLASTICS____DRP 24183	44.57 1.17 -24.16	40.97 1.08 -22.50	35.00 1.08 -16.77	34.86 1.08 -16.32	36.64 1.17 -16.54	43.36 1.47 -17.85	57.01 2.00 -23.36	62.74 1.87 -29.75	61.75 1.90 -29.23	59.83 1.73 -30.23	58.35 1.71 -27.74	55.19 1.63 -25.92	52.69 1.41 -27.43	54.23 1.35 -30.02	55.26 1.28 -32.24	57.42 1.28 -34.45	65.84 1.52 -38.04	80.65 2.28 -39.08	78.19 2.05 -41.30	70.24 1.93 -35.62	66.60 1.63 -36.79	60.89 1.62 -31.78	61.02 1.30 -38.42	50.59 1.51 -23.11

GILBOA___1 23756	39.15 1.04 -18.87	35.91 0.94 -17.58	31.17 0.93 -13.10	31.15 0.94 -12.75	32.85 1.00 -12.92	39.26 1.27 -13.94	51.62 1.71 -18.25	56.01 1.65 -23.24	55.11 1.65 -22.83	52.99 1.50 -23.62	52.17 1.59 -21.67	49.46 1.57 -20.25	46.62 1.33 -21.43	47.62 1.30 -23.45	48.16 1.24 -25.19	49.84 1.24 -26.92	57.39 1.44 -29.67	71.68 1.96 -30.42	68.89 1.85 -32.21	62.20 1.73 -27.78	58.42 1.55 -28.69	53.87 1.59 -24.79	52.48 1.21 -29.97	45.41 1.45 -17.99
GILBOA___2 23757	39.15 1.04 -18.87	35.91 0.94 -17.58	31.17 0.93 -13.10	31.15 0.94 -12.75	32.85 1.00 -12.92	39.26 1.27 -13.94	51.62 1.71 -18.25	56.01 1.65 -23.24	55.11 1.65 -22.83	52.99 1.50 -23.62	52.17 1.59 -21.67	49.46 1.57 -20.25	46.62 1.33 -21.43	47.62 1.30 -23.45	48.16 1.24 -25.19	49.84 1.24 -26.92	57.39 1.44 -29.67	71.68 1.96 -30.42	68.89 1.85 -32.21	62.20 1.73 -27.78	58.42 1.55 -28.69	53.87 1.59 -24.79	52.48 1.21 -29.97	45.41 1.45 -17.99
GILBOA___3 23758	39.15 1.04 -18.87	35.91 0.94 -17.58	31.17 0.93 -13.10	31.15 0.94 -12.75	32.85 1.00 -12.92	39.26 1.27 -13.94	51.62 1.71 -18.25	56.01 1.65 -23.24	55.11 1.65 -22.83	52.99 1.50 -23.62	52.17 1.59 -21.67	49.46 1.57 -20.25	46.62 1.33 -21.43	47.62 1.30 -23.45	48.16 1.24 -25.19	49.84 1.24 -26.92	57.39 1.44 -29.67	71.68 1.96 -30.42	68.89 1.85 -32.21	62.20 1.73 -27.78	58.42 1.55 -28.69	53.87 1.59 -24.79	52.48 1.21 -29.97	45.41 1.45 -17.99
GILBOA___4 23759	39.15 1.04 -18.87	35.91 0.94 -17.58	31.17 0.93 -13.10	31.15 0.94 -12.75	32.85 1.00 -12.92	39.26 1.27 -13.94	51.62 1.71 -18.25	56.01 1.65 -23.24	55.11 1.65 -22.83	52.99 1.50 -23.62	52.17 1.59 -21.67	49.46 1.57 -20.25	46.62 1.33 -21.43	47.62 1.30 -23.45	48.16 1.24 -25.19	49.84 1.24 -26.92	57.39 1.44 -29.67	71.68 1.96 -30.42	68.89 1.85 -32.21	62.20 1.73 -27.78	58.42 1.55 -28.69	53.87 1.59 -24.79	52.48 1.21 -29.97	45.41 1.45 -17.99
GILBOA____ 23599	39.15 1.04 -18.87	35.91 0.94 -17.58	31.17 0.93 -13.10	31.15 0.94 -12.75	32.85 1.00 -12.92	39.26 1.27 -13.94	51.62 1.71 -18.25	56.01 1.65 -23.24	55.11 1.65 -22.83	52.99 1.50 -23.62	52.17 1.59 -21.67	49.46 1.57 -20.25	46.62 1.33 -21.43	47.62 1.30 -23.45	48.16 1.24 -25.19	49.84 1.24 -26.92	57.39 1.44 -29.67	71.68 1.96 -30.42	68.89 1.85 -32.21	62.20 1.73 -27.78	58.42 1.55 -28.69	53.87 1.59 -24.79	52.48 1.21 -29.97	45.41 1.45 -17.99
GINNA____ 23603	20.34 -1.10 -2.20	18.52 -0.92 -2.05	17.76 -0.91 -1.53	18.02 -0.93 -1.49	19.45 -0.98 -1.51	24.30 -1.37 -1.63	30.75 -1.93 -1.03	29.93 -1.65 -0.45	29.55 -1.71 -0.64	27.08 -1.56 -0.77	26.77 -1.73 0.41	26.45 -1.83 -0.64	24.07 -1.41 -1.62	23.26 -1.40 -1.79	22.58 -1.28 -2.12	22.44 -1.28 -2.03	27.19 -1.52 -2.44	36.94 -2.44 -0.08	33.27 -1.98 -0.42	30.96 -1.83 -0.10	28.68 -1.64 -2.13	28.08 -1.62 -2.21	22.90 -1.30 -2.90	26.38 -1.59 -1.99
GLEN PARK____ 23778	20.28 0.25 -0.79	18.21 0.19 -0.63	17.88 0.19 -0.55	17.97 0.23 -0.29	19.47 0.30 -0.24	23.97 0.53 0.60	32.99 1.11 -0.22	32.54 0.75 -0.67	32.23 0.86 -0.74	28.22 0.87 0.52	29.83 0.67 -0.25	28.84 0.75 -0.45	25.30 0.55 -0.90	24.27 0.41 -0.99	22.79 0.37 -0.69	22.94 0.46 -0.79	28.19 0.66 -1.26	41.92 1.34 -1.28	37.32 1.11 -1.36	34.94 1.08 -1.18	30.24 0.84 -1.22	29.31 0.77 -1.05	23.02 0.45 -1.27	27.32 0.60 -0.75
GLENWOOD_IC_1_G5 23712	45.09 2.35 -23.51	38.23 2.07 -18.77	33.34 2.04 -14.16	38.55 2.06 -19.03	33.87 2.10 -12.85	46.34 2.81 -19.49	60.53 3.92 -24.94	69.71 4.23 -34.34	69.05 4.20 -34.22	69.07 3.76 -37.43	66.87 4.08 -33.88	66.25 3.84 -34.77	61.15 3.27 -34.03	61.59 3.20 -35.52	61.15 3.02 -36.39	61.13 3.01 -36.43	71.59 3.60 -41.71	88.29 5.50 -43.50	96.82 4.84 -57.14	87.68 4.51 -50.48	79.08 3.86 -47.04	71.59 3.74 -40.36	63.15 2.85 -38.99	55.57 3.43 -26.16
GLENWOOD_IC_2_G1 23688	42.63 2.19 -21.20	37.47 1.95 -18.14	32.65 1.90 -13.60	35.32 1.94 -15.92	33.75 1.99 -12.84	43.21 2.62 -16.55	57.77 3.67 -22.45	65.34 3.95 -30.26	64.45 3.95 -29.87	64.49 3.54 -33.08	63.67 3.85 -30.91	62.81 3.62 -31.55	59.50 3.08 -32.57	59.99 3.02 -34.10	58.92 2.85 -34.33	58.90 2.84 -34.37	70.24 3.50 -40.47	84.26 5.30 -39.66	89.20 4.67 -49.70	80.73 4.35 -43.70	75.56 3.72 -43.66	66.83 3.60 -35.74	60.37 2.68 -36.39	52.16 3.22 -22.96
GLENWOOD_IC_3_G1 23689	42.63 2.19 -21.20	37.47 1.95 -18.14	32.65 1.90 -13.60	35.32 1.94 -15.92	33.75 1.99 -12.84	43.21 2.62 -16.55	57.77 3.67 -22.45	65.34 3.95 -30.26	64.45 3.95 -29.87	64.49 3.54 -33.08	63.67 3.85 -30.91	62.81 3.62 -31.55	59.50 3.08 -32.57	59.99 3.02 -34.10	58.92 2.85 -34.33	58.90 2.84 -34.37	70.24 3.50 -40.47	84.26 5.30 -39.66	89.20 4.67 -49.70	80.73 4.35 -43.70	75.56 3.72 -43.66	66.83 3.60 -35.74	60.37 2.68 -36.39	52.16 3.22 -22.96
GLENWOOD___4 23550	45.09 2.35 -23.51	38.23 2.07 -18.77	33.34 2.04 -14.16	38.55 2.06 -19.03	33.87 2.10 -12.85	46.34 2.81 -19.49	60.53 3.92 -24.94	69.71 4.23 -34.34	69.05 4.20 -34.22	69.07 3.76 -37.43	66.87 4.08 -33.88	66.25 3.84 -34.77	61.15 3.27 -34.03	61.59 3.20 -35.52	61.15 3.02 -36.39	61.13 3.01 -36.43	71.64 3.65 -41.71	88.34 5.54 -43.50	96.85 4.88 -57.14	87.71 4.54 -50.48	79.11 3.89 -47.04	71.62 3.77 -40.36	63.15 2.85 -38.99	55.57 3.43 -26.16
GLENWOOD___5 23614	45.09 2.35 -23.51	38.23 2.07 -18.77	33.34 2.04 -14.16	38.55 2.06 -19.03	33.87 2.10 -12.85	46.34 2.81 -19.49	60.53 3.92 -24.94	69.71 4.23 -34.34	69.05 4.20 -34.22	69.07 3.76 -37.43	66.87 4.08 -33.88	66.25 3.84 -34.77	61.15 3.27 -34.03	61.59 3.20 -35.52	61.15 3.02 -36.39	61.13 3.01 -36.43	71.64 3.65 -41.71	88.34 5.54 -43.50	96.85 4.88 -57.14	87.71 4.54 -50.48	79.11 3.89 -47.04	71.62 3.77 -40.36	63.15 2.85 -38.99	55.57 3.43 -26.16
GLOBAL GREEN_PORT_GT1 23814	43.65 4.69 -19.73	39.31 4.19 -17.73	34.61 4.22 -13.25	35.90 4.29 -14.15	36.05 4.30 -12.83	47.21 5.94 -17.23	63.80 8.32 -23.82	67.20 8.68 -27.39	65.96 8.51 -26.81	65.52 7.61 -30.03	65.90 8.15 -28.83	64.52 7.57 -29.30	61.86 6.37 -31.64	62.27 6.20 -33.20	62.67 5.89 -35.04	62.64 5.88 -35.07	72.15 6.28 -39.59	85.93 9.67 -36.97	89.60 10.28 -44.48	81.24 9.61 -38.95	77.69 8.20 -41.30	67.82 7.84 -32.49	61.60 5.73 -34.57	60.34 6.91 -27.45
GLOBE___DSASP 323697	20.99 -1.10 -2.85	19.16 -0.89 -2.65	18.37 -0.75 -1.98	18.50 -0.89 -1.92	19.89 -0.98 -1.95	24.56 -1.59 -2.10	30.69 -2.47 -1.50	29.68 -2.40 -0.95	29.41 -2.36 -1.14	27.09 -2.09 -1.31	26.83 -2.02 0.06	26.39 -2.35 -1.10	24.16 -1.93 -2.24	23.55 -1.78 -2.46	22.96 -1.65 -2.87	22.82 -1.67 -2.80	27.41 -2.18 -3.32	36.30 -3.65 -0.66	33.02 -2.89 -1.08	30.71 -2.62 -0.64	28.77 -2.37 -2.95	28.20 -2.25 -2.97	23.51 -1.64 -3.85	26.59 -1.98 -2.59
GOETHSLN___LBMP 323567	40.02 2.04 -18.75	36.64 1.79 -17.46	31.91 1.75 -13.02	31.89 1.76 -12.66	33.62 1.86 -12.84	40.29 2.40 -13.85	53.20 3.42 -18.13	57.99 3.76 -23.10	57.06 3.74 -22.69	54.69 3.34 -23.47	54.66 3.67 -22.07	52.94 3.48 -21.82	51.89 2.96 -25.08	49.70 2.90 -23.93	50.04 2.74 -25.56	51.61 2.73 -27.18	60.35 3.34 -30.74	75.23 5.03 -30.90	71.99 4.43 -32.72	65.04 4.12 -28.23	60.88 3.55 -29.15	56.08 3.41 -25.18	54.27 2.53 -30.44	47.27 3.04 -18.26

GOODYEAR_LAKE_HYD 323669	25.72 1.00 -5.48	23.38 0.89 -5.11	21.84 0.89 -3.81	22.07 0.91 -3.70	23.70 1.02 -3.76	29.41 1.32 -4.05	38.96 2.00 -5.30	39.75 1.87 -6.75	39.19 1.93 -6.63	36.55 1.81 -6.86	37.00 1.79 -6.30	35.29 1.77 -5.88	31.56 1.48 -6.23	31.03 1.35 -6.81	30.32 1.26 -7.32	30.81 1.30 -7.82	36.58 1.63 -8.68	50.59 2.48 -8.82	46.49 2.23 -9.42	42.91 2.09 -8.13	38.35 1.78 -8.39	36.45 1.71 -7.25	31.32 1.26 -8.77	32.72 1.53 -5.22
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.12 0.63 -6.25	23.80 0.59 -5.83	22.08 0.60 -4.34	22.28 0.59 -4.22	23.87 0.66 -4.28	29.45 0.79 -4.62	39.73 1.04 -7.03	41.89 1.06 -9.70	40.94 0.95 -9.37	38.30 0.84 -9.59	39.62 0.92 -9.78	36.76 0.88 -8.24	32.45 0.71 -7.88	32.17 0.69 -8.61	31.44 0.63 -9.07	32.23 0.63 -9.91	37.90 0.79 -10.83	53.64 1.10 -13.24	49.62 1.04 -13.73	45.74 0.98 -12.08	39.70 0.84 -10.68	37.21 0.82 -8.90	32.47 0.62 -10.55	32.91 0.83 -6.11
GOUDEY___7 23579	26.14 0.65 -6.25	23.82 0.61 -5.83	22.10 0.62 -4.34	22.30 0.61 -4.22	23.89 0.68 -4.28	29.48 0.82 -4.62	39.76 1.08 -7.03	41.95 1.12 -9.70	40.97 0.98 -9.37	38.33 0.87 -9.59	39.65 0.95 -9.78	36.79 0.91 -8.24	32.47 0.74 -7.88	32.19 0.71 -8.61	31.49 0.67 -9.07	32.25 0.65 -9.91	37.92 0.82 -10.83	53.68 1.14 -13.24	49.69 1.11 -13.73	45.81 1.05 -12.08	39.73 0.87 -10.68	37.24 0.85 -8.90	32.49 0.64 -10.55	32.97 0.88 -6.11
GOUDEY___8 23580	26.12 0.63 -6.25	23.80 0.59 -5.83	22.08 0.60 -4.34	22.28 0.59 -4.22	23.87 0.66 -4.28	29.45 0.79 -4.62	39.73 1.04 -7.03	41.89 1.06 -9.70	40.94 0.95 -9.37	38.30 0.84 -9.59	39.62 0.92 -9.78	36.76 0.88 -8.24	32.45 0.71 -7.88	32.17 0.69 -8.61	31.44 0.63 -9.07	32.23 0.63 -9.91	37.90 0.79 -10.83	53.64 1.10 -13.24	49.62 1.04 -13.73	45.74 0.98 -12.08	39.70 0.84 -10.68	37.21 0.82 -8.90	32.47 0.62 -10.55	32.91 0.83 -6.11
GOWANUS_GT1_1 24077	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT1_2 24078	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT1_3 24079	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT1_4 24080	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT1_5 24084	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT1_6 24111	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT1_7 24112	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT1_8 24113	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT2_1 24114	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT2_2 24115	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT2_3 24116	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27

GOWANUS_GT2_4 24117	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT2_5 24118	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT2_6 24119	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT2_7 24120	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT2_8 24121	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT3_1 24122	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT3_2 24123	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT3_3 24124	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT3_4 24125	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT3_5 24126	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT3_6 24127	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT3_7 24128	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT3_8 24129	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT4_1 24130	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT4_2 24131	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27



GOWANUS_GT4_3 24132	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT4_4 24133	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT4_5 24134	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT4_6 24135	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT4_7 24136	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GOWANUS_GT4_8 24137	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GREENIDGE___3 23582	23.49 0.52 -3.74	21.39 0.52 -3.48	20.27 0.53 -2.60	20.53 0.54 -2.52	22.11 0.62 -2.56	27.50 0.70 -2.76	38.23 0.92 -5.65	40.68 0.78 -8.77	38.87 -0.03 -8.27	36.25 0.03 -8.35	38.65 0.03 -9.71	35.31 0.47 -7.20	30.08 0.36 -5.87	29.61 0.34 -6.40	28.55 0.30 -6.50	29.36 0.28 -7.39	34.53 0.39 -7.86	51.62 -0.20 -12.52	47.48 0.00 -12.64	44.07 0.00 -11.38	36.51 0.31 -8.02	34.13 0.38 -6.25	28.72 0.30 -7.13	30.25 0.47 -3.81
GREENIDGE___4 23583	23.49 0.52 -3.74	21.39 0.52 -3.48	20.27 0.53 -2.60	20.53 0.54 -2.52	22.11 0.62 -2.56	27.50 0.70 -2.76	38.23 0.92 -5.65	40.68 0.78 -8.77	38.87 -0.03 -8.27	36.25 0.03 -8.35	38.65 0.03 -9.71	35.31 0.47 -7.20	30.08 0.36 -5.87	29.61 0.34 -6.40	28.55 0.30 -6.50	29.36 0.28 -7.39	34.53 0.39 -7.86	51.62 -0.20 -12.52	47.48 0.00 -12.64	44.07 0.00 -11.38	36.51 0.31 -8.02	34.13 0.38 -6.25	28.72 0.30 -7.13	30.25 0.47 -3.81
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
GROVEVILLE___HYD 323602	40.56 1.92 -19.40	37.16 1.71 -18.07	32.31 1.70 -13.47	32.29 1.73 -13.10	34.01 1.80 -13.28	40.68 2.31 -14.33	53.55 3.13 -18.76	58.47 3.45 -23.89	57.47 3.37 -23.47	55.19 3.04 -24.27	54.39 3.21 -22.27	51.41 2.96 -20.81	48.34 2.46 -22.03	49.47 2.49 -24.10	49.98 2.35 -25.89	51.74 2.39 -27.67	60.35 2.99 -31.08	75.88 4.71 -31.87	72.77 4.18 -33.75	65.69 3.89 -29.11	61.57 3.32 -30.06	56.65 3.19 -25.97	54.96 2.26 -31.40	47.44 2.62 -18.84
HAMPSHIRE___PAPER_HYD 323593	18.35 -0.88 0.00	16.23 -0.85 0.30	16.30 -0.84 0.00	15.91 -0.84 0.71	17.20 -0.87 0.86	19.65 -1.01 3.39	28.97 -1.14 1.55	28.94 -1.31 0.88	28.78 -1.23 0.63	22.55 -1.03 4.29	25.82 -1.21 1.88	25.39 -1.11 1.15	22.87 -0.98 0.00	21.86 -1.01 0.00	19.70 -0.98 1.07	19.77 -0.95 0.97	25.22 -1.05 0.00	38.04 -1.26 0.00	33.52 -1.32 0.00	31.48 -1.21 0.00	27.11 -1.07 0.00	26.42 -1.07 0.00	20.36 -0.94 0.00	24.86 -1.12 0.00
HARDSCRABBLE_WT_PWR 323673	20.13 1.40 0.51	18.23 1.29 0.44	18.06 1.27 0.35	18.48 1.29 0.28	20.07 1.42 0.27	25.77 1.80 0.07	33.62 2.31 0.35	32.86 2.27 0.54	32.34 2.27 0.56	29.71 2.09 0.25	30.67 2.17 0.41	29.25 2.05 0.44	25.02 1.74 0.57	23.89 1.65 0.63	22.70 1.54 0.58	22.62 1.56 0.63	27.39 1.92 0.80	41.32 2.87 0.84	36.51 2.54 0.87	34.32 2.38 0.75	29.47 2.06 0.77	28.91 2.09 0.67	22.11 1.62 0.81	27.50 2.00 0.48
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.62 1.73 -17.65	35.36 1.53 -16.44	30.92 1.53 -12.25	30.92 1.54 -11.92	32.62 1.61 -12.09	39.15 2.07 -13.04	51.61 2.88 -17.07	56.04 3.18 -21.73	55.07 3.09 -21.35	52.75 2.79 -22.09	52.16 2.98 -20.26	49.36 2.79 -18.93	46.23 2.34 -20.04	47.13 2.33 -21.93	47.49 2.19 -23.55	49.10 2.23 -25.17	57.47 2.76 -28.44	72.77 4.32 -29.15	69.51 3.80 -30.87	62.88 3.56 -26.63	58.70 3.02 -27.50	54.16 2.91 -23.76	52.09 2.07 -28.73	45.65 2.44 -17.24
HARZA MOOSE___RIVER 24016	19.54 0.31 0.00	17.60 0.28 0.06	17.40 0.26 0.00	17.61 0.30 0.15	19.10 0.36 0.18	23.85 0.53 0.72	32.31 0.98 0.33	31.72 0.78 0.19	31.32 0.83 0.13	27.79 0.84 0.92	29.23 0.72 0.40	28.14 0.75 0.24	24.42 0.57 0.00	23.33 0.46 0.00	21.95 0.43 0.23	21.96 0.48 0.21	26.93 0.66 0.00	40.48 1.18 0.00	35.81 0.97 0.00	33.60 0.91 0.00	28.91 0.73 0.00	28.18 0.69 0.00	21.75 0.45 0.00	26.54 0.57 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.22 2.23 -18.75	36.82 1.96 -17.47	32.09 1.92 -13.02	32.09 1.96 -12.67	33.81 2.04 -12.85	40.47 2.57 -13.85	53.39 3.61 -18.13	58.21 3.99 -23.10	57.28 3.95 -22.70	54.89 3.54 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.98 3.04 -24.07	50.30 2.87 -25.69	51.84 2.86 -27.29	60.64 3.50 -30.87	75.51 5.30 -30.91	72.24 4.67 -32.73	65.30 4.38 -28.24	61.09 3.75 -29.15	56.33 3.66 -25.18	54.47 2.73 -30.44	47.54 3.30 -18.27

HEMPSTEAD____ 23647	45.78 2.42 -24.12	38.49 2.16 -18.94	33.56 2.11 -14.31	39.47 2.15 -19.86	33.93 2.16 -12.85	47.37 2.91 -20.42	61.50 4.05 -25.79	70.57 4.36 -35.09	69.96 4.32 -35.01	69.97 3.87 -38.22	67.41 4.08 -34.42	66.83 3.84 -35.35	61.53 3.27 -34.42	61.96 3.20 -35.89	61.85 3.04 -37.07	61.83 3.04 -37.10	71.92 3.71 -41.94	89.11 5.62 -44.19	98.28 4.95 -58.49	89.01 4.61 -51.72	79.78 3.95 -47.65	72.54 3.85 -41.20	63.70 2.94 -39.47	56.90 3.53 -27.39
HICKLING____1 23621	24.80 0.75 -4.81	22.60 0.73 -4.48	21.24 0.75 -3.34	21.46 0.75 -3.25	23.07 0.85 -3.30	28.53 0.94 -3.56	40.43 1.20 -7.57	44.26 1.25 -11.89	42.76 0.95 -11.18	39.98 0.84 -11.27	43.14 0.95 -13.27	38.27 0.91 -9.72	32.38 0.74 -7.79	32.09 0.73 -8.49	30.98 0.65 -8.59	32.13 0.63 -9.81	37.46 0.79 -10.40	57.27 0.94 -17.03	53.04 1.04 -17.16	49.15 0.98 -15.48	39.65 0.82 -10.65	36.55 0.82 -8.24	31.28 0.64 -9.34	31.90 0.99 -4.94
HICKLING____2 23622	24.80 0.75 -4.81	22.60 0.73 -4.48	21.24 0.75 -3.34	21.46 0.75 -3.25	23.07 0.85 -3.30	28.53 0.94 -3.56	40.43 1.20 -7.57	44.26 1.25 -11.89	42.76 0.95 -11.18	39.98 0.84 -11.27	43.14 0.95 -13.27	38.27 0.91 -9.72	32.38 0.74 -7.79	32.09 0.73 -8.49	30.98 0.65 -8.59	32.13 0.63 -9.81	37.46 0.79 -10.40	57.27 0.94 -17.03	53.04 1.04 -17.16	49.15 0.98 -15.48	39.65 0.82 -10.65	36.55 0.82 -8.24	31.28 0.64 -9.34	31.90 0.99 -4.94
HIGH FALLS____HY 23754	40.10 1.65 -19.21	36.75 1.46 -17.90	31.96 1.47 -13.34	31.94 1.50 -12.98	33.63 1.55 -13.16	40.23 1.99 -14.19	52.86 2.63 -18.58	57.74 2.96 -23.66	56.72 2.85 -23.24	54.48 2.56 -24.04	53.66 2.69 -22.06	50.74 2.49 -20.61	47.69 2.03 -21.82	48.82 2.08 -23.87	49.34 1.96 -25.64	51.09 1.99 -27.40	59.04 2.68 -30.08	74.39 4.25 -30.85	71.26 3.76 -32.66	64.39 3.53 -28.17	60.26 2.99 -29.09	55.51 2.89 -25.13	53.67 1.98 -30.39	46.52 2.31 -18.24
HILLBURN____GT 23639	38.88 1.75 -17.89	35.60 1.55 -16.67	31.08 1.51 -12.42	31.08 1.54 -12.09	32.79 1.61 -12.25	39.35 2.09 -13.22	51.91 2.94 -17.30	56.37 3.21 -22.03	55.46 3.19 -21.65	53.11 2.84 -22.39	52.55 3.10 -20.54	49.74 2.90 -19.20	46.63 2.46 -20.32	47.53 2.42 -22.23	47.92 2.30 -23.88	49.51 2.30 -25.52	57.93 2.84 -28.82	73.20 4.36 -29.55	69.96 3.83 -31.29	63.27 3.60 -26.99	59.13 3.07 -27.87	54.54 2.97 -24.08	52.54 2.13 -29.11	45.99 2.55 -17.47
HISHELDN_WT_PWR 323625	22.59 0.00 -3.35	20.60 0.09 -3.12	19.68 0.21 -2.33	19.82 0.09 -2.27	21.34 0.11 -2.30	26.38 -0.14 -2.48	43.48 -0.47 -12.30	53.35 -0.44 -22.66	50.84 -0.49 -20.71	47.97 -0.42 -20.51	56.55 -0.29 -27.93	44.80 -0.61 -17.77	34.42 -0.45 -11.02	34.46 -0.37 -11.96	32.62 -0.33 -11.21	35.25 -0.37 -13.93	39.67 -0.55 -13.95	72.23 -1.18 -34.11	67.54 -0.70 -33.39	63.02 -0.59 -30.92	42.92 -0.59 -15.33	37.22 -0.52 -10.25	31.45 -0.32 -10.47	29.89 -0.31 -4.23
HOLTSVILLE_IC_1 23690	41.84 2.90 -19.70	37.70 2.59 -17.72	32.99 2.60 -13.24	34.23 2.65 -14.12	34.39 2.63 -12.83	44.82 3.56 -17.22	60.34 4.87 -23.81	63.61 5.13 -27.35	62.49 5.09 -26.77	62.41 4.54 -29.99	62.54 4.83 -28.80	61.44 4.53 -29.27	59.34 3.86 -31.62	59.83 3.77 -33.19	60.36 3.59 -35.03	60.36 3.60 -35.06	70.29 4.44 -39.58	82.79 6.56 -36.93	85.10 5.85 -44.41	77.06 5.49 -38.88	74.22 4.76 -41.27	64.59 4.65 -32.45	59.36 3.51 -34.55	57.63 4.21 -27.45
HOLTSVILLE_IC_10 23699	42.09 3.06 -19.79	37.85 2.71 -17.75	33.13 2.73 -13.26	34.48 2.78 -14.24	34.52 2.76 -12.83	45.08 3.75 -17.29	60.70 5.19 -23.85	64.09 5.45 -27.51	62.93 5.36 -26.95	62.86 4.82 -30.16	62.95 5.12 -28.92	61.85 4.81 -29.40	59.64 4.10 -31.68	60.12 4.00 -33.25	60.62 3.80 -35.07	60.62 3.82 -35.11	70.63 4.73 -39.63	83.38 6.99 -37.08	85.78 6.24 -44.70	77.65 5.82 -39.15	74.66 5.07 -41.41	65.07 4.95 -32.63	59.65 3.71 -34.65	57.87 4.44 -27.46
HOLTSVILLE_IC_2 23691	41.84 2.90 -19.70	37.70 2.59 -17.72	32.99 2.60 -13.24	34.23 2.65 -14.12	34.39 2.63 -12.83	44.82 3.56 -17.22	60.34 4.87 -23.81	63.61 5.13 -27.35	62.49 5.09 -26.77	62.41 4.54 -29.99	62.54 4.83 -28.80	61.44 4.53 -29.27	59.34 3.86 -31.62	59.83 3.77 -33.19	60.36 3.59 -35.03	60.36 3.60 -35.06	70.29 4.44 -39.58	82.79 6.56 -36.93	85.10 5.85 -44.41	77.06 5.49 -38.88	74.22 4.76 -41.27	64.59 4.65 -32.45	59.36 3.51 -34.55	57.63 4.21 -27.45
HOLTSVILLE_IC_3 23692	41.84 2.90 -19.70	37.70 2.59 -17.72	32.99 2.60 -13.24	34.23 2.65 -14.12	34.39 2.63 -12.83	44.82 3.56 -17.22	60.34 4.87 -23.81	63.61 5.13 -27.35	62.49 5.09 -26.77	62.41 4.54 -29.99	62.54 4.83 -28.80	61.44 4.53 -29.27	59.34 3.86 -31.62	59.83 3.77 -33.19	60.36 3.59 -35.03	60.36 3.60 -35.06	70.29 4.44 -39.58	82.79 6.56 -36.93	85.10 5.85 -44.41	77.06 5.49 -38.88	74.22 4.76 -41.27	64.59 4.65 -32.45	59.36 3.51 -34.55	57.63 4.21 -27.45
HOLTSVILLE_IC_4 23693	41.84 2.90 -19.70	37.70 2.59 -17.72	32.99 2.60 -13.24	34.23 2.65 -14.12	34.39 2.63 -12.83	44.82 3.56 -17.22	60.34 4.87 -23.81	63.61 5.13 -27.35	62.49 5.09 -26.77	62.41 4.54 -29.99	62.54 4.83 -28.80	61.44 4.53 -29.27	59.34 3.86 -31.62	59.83 3.77 -33.19	60.36 3.59 -35.03	60.36 3.60 -35.06	70.29 4.44 -39.58	82.79 6.56 -36.93	85.10 5.85 -44.41	77.06 5.49 -38.88	74.22 4.76 -41.27	64.59 4.65 -32.45	59.36 3.51 -34.55	57.63 4.21 -27.45
HOLTSVILLE_IC_5 23694	41.84 2.90 -19.70	37.70 2.59 -17.72	32.99 2.60 -13.24	34.23 2.65 -14.12	34.39 2.63 -12.83	44.82 3.56 -17.22	60.34 4.87 -23.81	63.61 5.13 -27.35	62.49 5.09 -26.77	62.41 4.54 -29.99	62.54 4.83 -28.80	61.44 4.53 -29.27	59.34 3.86 -31.62	59.83 3.77 -33.19	60.36 3.59 -35.03	60.36 3.60 -35.06	70.29 4.44 -39.58	82.79 6.56 -36.93	85.10 5.85 -44.41	77.06 5.49 -38.88	74.22 4.76 -41.27	64.59 4.65 -32.45	59.36 3.51 -34.55	57.63 4.21 -27.45
HOLTSVILLE_IC_6 23695	42.09 3.06 -19.79	37.85 2.71 -17.75	33.13 2.73 -13.26	34.48 2.78 -14.24	34.52 2.76 -12.83	45.08 3.75 -17.29	60.70 5.19 -23.85	64.09 5.45 -27.51	62.93 5.36 -26.95	62.86 4.82 -30.16	62.95 5.12 -28.92	61.85 4.81 -29.40	59.64 4.10 -31.68	60.12 4.00 -33.25	60.62 3.80 -35.07	60.62 3.82 -35.11	70.63 4.73 -39.63	83.38 6.99 -37.08	85.78 6.24 -44.70	77.65 5.82 -39.15	74.66 5.07 -41.41	65.07 4.95 -32.63	59.65 3.71 -34.65	57.87 4.44 -27.46
HOLTSVILLE_IC_7 23696	42.09 3.06 -19.79	37.85 2.71 -17.75	33.13 2.73 -13.26	34.48 2.78 -14.24	34.52 2.76 -12.83	45.08 3.75 -17.29	60.70 5.19 -23.85	64.09 5.45 -27.51	62.93 5.36 -26.95	62.86 4.82 -30.16	62.95 5.12 -28.92	61.85 4.81 -29.40	59.64 4.10 -31.68	60.12 4.00 -33.25	60.62 3.80 -35.07	60.62 3.82 -35.11	70.63 4.73 -39.63	83.38 6.99 -37.08	85.78 6.24 -44.70	77.65 5.82 -39.15	74.66 5.07 -41.41	65.07 4.95 -32.63	59.65 3.71 -34.65	57.87 4.44 -27.46
HOLTSVILLE_IC_8 23697	42.09 3.06 -19.79	37.85 2.71 -17.75	33.13 2.73 -13.26	34.48 2.78 -14.24	34.52 2.76 -12.83	45.08 3.75 -17.29	60.70 5.19 -23.85	64.09 5.45 -27.51	62.93 5.36 -26.95	62.86 4.82 -30.16	62.95 5.12 -28.92	61.85 4.81 -29.40	59.64 4.10 -31.68	60.12 4.00 -33.25	60.62 3.80 -35.07	60.62 3.82 -35.11	70.63 4.73 -39.63	83.38 6.99 -37.08	85.78 6.24 -44.70	77.65 5.82 -39.15	74.66 5.07 -41.41	65.07 4.95 -32.63	59.65 3.71 -34.65	57.87 4.44 -27.46

HOLTSVILLE_IC_9 23698	42.09 3.06 -19.79	37.85 2.71 -17.75	33.13 2.73 -13.26	34.48 2.78 -14.24	34.52 2.76 -12.83	45.08 3.75 -17.29	60.70 5.19 -23.85	64.09 5.45 -27.51	62.93 5.36 -26.95	62.86 4.82 -30.16	62.95 5.12 -28.92	61.85 4.81 -29.40	59.64 4.10 -31.68	60.12 4.00 -33.25	60.62 3.80 -35.07	60.62 3.82 -35.11	70.63 4.73 -39.63	83.38 6.99 -37.08	85.78 6.24 -44.70	77.65 5.82 -39.15	74.66 5.07 -41.41	65.07 4.95 -32.63	59.65 3.71 -34.65	57.87 4.44 -27.46
HOWARD_WT_PWR 323690	23.77 0.58 -3.96	21.68 0.61 -3.69	20.56 0.67 -2.75	20.78 0.65 -2.67	22.39 0.76 -2.71	27.76 0.79 -2.93	41.27 0.92 -8.69	46.97 1.03 -14.82	45.12 0.77 -13.73	42.31 0.72 -13.71	47.25 0.87 -17.47	40.30 0.80 -11.85	32.86 0.64 -8.37	32.64 0.66 -9.10	31.27 0.63 -8.90	32.85 0.61 -10.56	37.91 0.73 -10.90	61.94 0.83 -21.81	57.45 0.97 -21.64	53.43 0.95 -19.80	40.51 0.79 -11.53	36.70 0.85 -8.36	31.11 0.75 -9.07	31.40 1.09 -4.34
HQ_GEN_CEDARS 23644	17.95 -1.29 0.00	15.59 -1.25 0.54	15.91 -1.23 0.00	14.95 -1.24 1.27	16.05 -1.34 1.53	16.31 -1.68 6.05	26.55 -2.34 2.77	27.21 -2.34 1.58	27.24 -2.27 1.12	18.25 -1.95 7.67	23.41 -2.14 3.36	23.55 -2.05 2.05	22.11 -1.74 0.00	21.20 -1.67 0.00	18.25 -1.59 1.90	18.34 -1.63 1.72	24.36 -1.92 0.00	36.74 -2.55 0.00	32.30 -2.54 0.00	30.30 -2.38 0.00	26.13 -2.06 0.00	25.48 -2.01 0.00	19.70 -1.60 0.00	24.05 -1.92 0.00
HQ_GEN_CEDARS_PROXY 323590	17.95 -1.29 0.00	15.59 -1.25 0.54	15.91 -1.23 0.00	14.95 -1.24 1.27	16.05 -1.34 1.53	16.31 -1.68 6.05	26.55 -2.34 2.77	27.21 -2.34 1.58	27.24 -2.27 1.12	18.25 -1.95 7.67	23.41 -2.14 3.36	23.55 -2.05 2.05	22.11 -1.74 0.00	21.20 -1.67 0.00	18.25 -1.59 1.90	18.34 -1.63 1.72	24.36 -1.92 0.00	36.74 -2.55 0.00	32.30 -2.54 0.00	30.30 -2.38 0.00	26.13 -2.06 0.00	25.48 -2.01 0.00	19.70 -1.60 0.00	24.05 -1.92 0.00
HQ_GEN_IMPORT 323601	18.00 -0.71 0.52	16.57 -0.68 0.14	16.47 -0.67 0.00	16.45 -0.68 0.33	16.99 -0.74 1.20	21.54 -0.91 1.58	29.79 -1.14 0.72	29.60 -1.12 0.41	29.23 -1.10 0.29	24.86 -1.00 2.01	26.99 -1.04 0.88	26.11 -0.99 0.54	23.01 -0.84 0.00	22.07 -0.80 0.00	20.48 -0.76 0.50	20.48 -0.76 0.45	25.35 -0.92 0.00	38.00 -1.30 0.00	33.59 -1.25 0.00	31.51 -1.18 0.00	27.20 -0.99 0.00	26.50 -0.99 0.00	20.53 -0.77 0.00	25.04 -0.93 0.00
HQ_GEN_WHEEL 23651	18.52 -0.71 0.00	16.57 -0.68 0.14	16.47 -0.67 0.00	16.45 -0.68 0.33	17.78 -0.74 0.40	21.54 -0.91 1.58	29.79 -1.14 0.72	29.60 -1.12 0.41	29.23 -1.10 0.29	24.86 -1.00 2.01	26.99 -1.04 0.88	26.11 -0.99 0.54	23.01 -0.84 0.00	22.07 -0.80 0.00	20.48 -0.76 0.50	20.48 -0.76 0.45	25.35 -0.92 0.00	38.00 -1.30 0.00	33.59 -1.25 0.00	31.51 -1.18 0.00	27.20 -0.99 0.00	26.50 -0.99 0.00	20.53 -0.77 0.00	25.04 -0.93 0.00
HUDSON_AVE_GT_3 23810	40.14 2.15 -18.75	36.75 1.90 -17.46	31.99 1.84 -13.02	31.99 1.87 -12.66	33.71 1.95 -12.84	40.41 2.52 -13.85	53.42 3.64 -18.13	58.21 3.99 -23.10	57.27 3.95 -22.69	54.89 3.54 -23.47	54.86 3.88 -22.07	53.11 3.65 -21.82	52.03 3.10 -25.08	49.84 3.04 -23.93	50.17 2.87 -25.56	51.76 2.89 -27.18	60.53 3.52 -30.74	75.50 5.30 -30.90	72.23 4.67 -32.72	65.30 4.38 -28.23	61.08 3.75 -29.15	56.30 3.63 -25.18	54.42 2.68 -30.44	47.43 3.19 -18.26
HUDSON_AVE_GT_4 23540	40.14 2.15 -18.75	36.75 1.90 -17.46	31.99 1.84 -13.02	31.99 1.87 -12.66	33.71 1.95 -12.84	40.41 2.52 -13.85	53.42 3.64 -18.13	58.21 3.99 -23.10	57.27 3.95 -22.69	54.89 3.54 -23.47	54.86 3.88 -22.07	53.11 3.65 -21.82	52.03 3.10 -25.08	49.84 3.04 -23.93	50.17 2.87 -25.56	51.76 2.89 -27.18	60.53 3.52 -30.74	75.50 5.30 -30.90	72.23 4.67 -32.72	65.30 4.38 -28.23	61.08 3.75 -29.15	56.30 3.63 -25.18	54.42 2.68 -30.44	47.43 3.19 -18.26
HUDSON_AVE_GT_5 23657	40.14 2.15 -18.75	36.75 1.90 -17.46	31.99 1.84 -13.02	31.99 1.87 -12.66	33.71 1.95 -12.84	40.41 2.52 -13.85	53.42 3.64 -18.13	58.21 3.99 -23.10	57.27 3.95 -22.69	54.89 3.54 -23.47	54.86 3.88 -22.07	53.11 3.65 -21.82	52.03 3.10 -25.08	49.84 3.04 -23.93	50.17 2.87 -25.56	51.76 2.89 -27.18	60.53 3.52 -30.74	75.50 5.30 -30.90	72.23 4.67 -32.72	65.30 4.38 -28.23	61.08 3.75 -29.15	56.30 3.63 -25.18	54.42 2.68 -30.44	47.43 3.19 -18.26
HUDSON_AVE_10 24168	40.08 2.10 -18.75	36.69 1.84 -17.46	31.94 1.78 -13.02	31.94 1.82 -12.66	33.65 1.89 -12.84	40.37 2.48 -13.85	53.36 3.58 -18.13	58.15 3.92 -23.10	57.21 3.89 -22.69	54.83 3.48 -23.47	54.74 3.76 -22.07	52.97 3.51 -21.82	51.94 3.01 -25.08	49.75 2.95 -23.93	50.09 2.78 -25.56	51.67 2.80 -27.18	60.42 3.41 -30.73	75.39 5.19 -30.90	72.13 4.56 -32.72	65.20 4.28 -28.23	61.02 3.69 -29.15	56.24 3.57 -25.18	54.38 2.64 -30.44	47.40 3.17 -18.26
HUNTER_MOUNT___DRP 323613	42.11 1.77 -21.10	38.64 1.60 -19.66	33.46 1.66 -14.65	33.41 1.69 -14.25	35.15 1.78 -14.45	41.84 2.21 -15.59	54.75 2.69 -20.41	60.07 2.96 -25.98	58.88 2.72 -25.53	56.81 2.54 -26.41	55.54 2.40 -24.23	52.41 2.13 -22.64	49.46 1.64 -23.96	50.90 1.81 -26.22	51.62 1.72 -28.16	53.57 1.78 -30.10	61.79 2.52 -32.99	77.39 4.25 -33.84	74.45 3.80 -35.82	67.08 3.50 -30.90	63.02 2.93 -31.90	57.88 2.83 -27.56	56.50 1.87 -33.32	48.06 2.08 -20.01
HUNTINGTON_RES_REC 323705	41.85 2.81 -19.80	37.62 2.49 -17.75	32.89 2.48 -13.27	34.22 2.52 -14.25	34.26 2.50 -12.83	44.74 3.41 -17.29	60.22 4.72 -23.85	63.63 4.98 -27.52	62.52 4.93 -26.96	62.45 4.40 -30.18	62.53 4.68 -28.93	61.44 4.40 -29.41	59.28 3.74 -31.69	59.78 3.66 -33.25	60.29 3.48 -35.07	60.29 3.49 -35.11	70.24 4.33 -39.63	82.87 6.48 -37.09	85.31 5.75 -44.73	77.22 5.36 -39.17	74.25 4.65 -41.42	64.64 4.51 -32.65	59.36 3.41 -34.66	57.50 4.08 -27.44
HUNTLEY___63 23557	21.85 -0.29 -2.90	19.92 -0.17 -2.70	19.14 -0.02 -2.02	19.26 -0.16 -1.96	20.74 -0.17 -1.99	25.59 -0.60 -2.14	37.16 -1.11 -6.61	41.42 -1.06 -11.35	40.09 -1.04 -10.50	37.49 -0.86 -10.48	41.60 -0.75 -13.44	35.51 -1.19 -9.06	29.27 -0.91 -6.32	28.95 -0.80 -6.88	27.72 -0.72 -6.70	28.93 -0.74 -7.98	33.32 -1.18 -8.23	53.88 -2.16 -16.74	49.90 -1.53 -16.59	46.54 -1.34 -15.20	35.62 -1.30 -8.73	32.59 -1.18 -6.28	27.34 -0.75 -6.79	28.30 -0.88 -3.21
HUNTLEY___64 23558	21.85 -0.29 -2.90	19.92 -0.17 -2.70	19.14 -0.02 -2.02	19.26 -0.16 -1.96	20.74 -0.17 -1.99	25.59 -0.60 -2.14	37.16 -1.11 -6.61	41.42 -1.06 -11.35	40.09 -1.04 -10.50	37.49 -0.86 -10.48	41.60 -0.75 -13.44	35.51 -1.19 -9.06	29.27 -0.91 -6.32	28.95 -0.80 -6.88	27.72 -0.72 -6.70	28.93 -0.74 -7.98	33.32 -1.18 -8.23	53.88 -2.16 -16.74	49.90 -1.53 -16.59	46.54 -1.34 -15.20	35.62 -1.30 -8.73	32.59 -1.18 -6.28	27.34 -0.75 -6.79	28.30 -0.88 -3.21
HUNTLEY___65 23559	21.85 -0.29 -2.90	19.92 -0.17 -2.70	19.14 -0.02 -2.02	19.26 -0.16 -1.96	20.74 -0.17 -1.99	25.59 -0.60 -2.14	37.16 -1.11 -6.61	41.42 -1.06 -11.35	40.09 -1.04 -10.50	37.49 -0.86 -10.48	41.60 -0.75 -13.44	35.51 -1.19 -9.06	29.27 -0.91 -6.32	28.95 -0.80 -6.88	27.72 -0.72 -6.70	28.93 -0.74 -7.98	33.32 -1.18 -8.23	53.88 -2.16 -16.74	49.90 -1.53 -16.59	46.54 -1.34 -15.20	35.62 -1.30 -8.73	32.59 -1.18 -6.28	27.34 -0.75 -6.79	28.30 -0.88 -3.21

HUNTLEY___66 23560	21.85 -0.29 -2.90	19.92 -0.17 -2.70	19.14 -0.02 -2.02	19.26 -0.16 -1.96	20.74 -0.17 -1.99	25.59 -0.60 -2.14	37.16 -1.11 -6.61	41.42 -1.06 -11.35	40.09 -1.04 -10.50	37.49 -0.86 -10.48	41.60 -0.75 -13.44	35.51 -1.19 -9.06	29.27 -0.91 -6.32	28.95 -0.80 -6.88	27.72 -0.72 -6.70	28.93 -0.74 -7.98	33.32 -1.18 -8.23	53.88 -2.16 -16.74	49.90 -1.53 -16.59	46.54 -1.34 -15.20	35.62 -1.30 -8.73	32.59 -1.18 -6.28	27.34 -0.75 -6.79	28.30 -0.88 -3.21
HUNTLEY___67 23561	21.82 -0.40 -2.99	19.92 -0.26 -2.79	19.09 -0.14 -2.08	19.23 -0.26 -2.02	20.69 -0.28 -2.05	25.53 -0.72 -2.21	46.16 -1.27 -15.77	59.93 -1.21 -30.02	56.69 -1.23 -27.29	53.78 -1.03 -26.93	65.65 -0.93 -37.66	49.69 -1.30 -23.35	36.48 -1.02 -13.65	36.75 -0.92 -14.80	34.45 -0.85 -13.56	38.11 -0.85 -17.27	42.11 -1.18 -17.02	82.74 -2.16 -45.60	77.72 -1.53 -44.41	72.63 -1.37 -41.32	45.97 -1.30 -19.08	38.51 -1.21 -12.22	32.49 -0.85 -12.04	29.32 -0.96 -4.31
HUNTLEY___68 23562	21.82 -0.40 -2.99	19.92 -0.26 -2.79	19.09 -0.14 -2.08	19.23 -0.26 -2.02	20.69 -0.28 -2.05	25.53 -0.72 -2.21	46.16 -1.27 -15.77	59.93 -1.21 -30.02	56.69 -1.23 -27.29	53.78 -1.03 -26.93	65.65 -0.93 -37.66	49.69 -1.30 -23.35	36.48 -1.02 -13.65	36.75 -0.92 -14.80	34.45 -0.85 -13.56	38.11 -0.85 -17.27	42.11 -1.18 -17.02	82.74 -2.16 -45.60	77.72 -1.53 -44.41	72.63 -1.37 -41.32	45.97 -1.30 -19.08	38.51 -1.21 -12.22	32.49 -0.85 -12.04	29.32 -0.96 -4.31
HYLAND___LFGE 323620	23.28 0.79 -3.25	21.20 0.78 -3.03	20.21 0.81 -2.26	20.46 0.80 -2.20	22.08 0.93 -2.23	27.46 1.01 -2.40	37.86 0.44 -5.76	41.26 0.78 -9.35	39.92 0.55 -8.74	37.18 0.53 -8.78	39.97 0.37 -10.68	35.33 0.11 -7.58	29.94 0.31 -5.78	29.41 0.25 -6.29	28.29 0.26 -6.29	29.21 0.24 -7.28	34.34 0.42 -7.65	53.20 0.35 -13.55	48.99 0.59 -13.56	45.59 0.59 -12.31	36.53 0.42 -7.92	33.83 0.36 -5.98	28.91 0.94 -6.68	30.50 1.12 -3.41
INDECK___CORINTH 23802	46.06 1.10 -25.72	42.42 1.04 -23.99	36.03 1.03 -17.86	35.94 1.05 -17.43	37.86 1.25 -17.68	44.75 1.44 -19.27	58.90 2.25 -24.99	64.86 1.99 -31.74	64.06 2.27 -31.17	62.57 2.18 -32.52	60.79 2.20 -29.68	57.29 1.96 -27.68	54.92 1.86 -29.21	56.55 1.72 -31.96	57.83 1.67 -34.41	60.10 1.65 -36.76	68.79 1.94 -40.57	83.56 2.95 -41.31	81.51 2.61 -44.05	73.14 2.45 -38.00	69.45 2.03 -39.24	63.45 2.06 -33.90	63.88 1.60 -40.99	52.15 1.74 -24.43
INDECK___ILION 23567	19.62 0.89 0.51	17.76 0.82 0.44	17.60 0.81 0.35	18.00 0.82 0.28	19.54 0.89 0.27	25.10 1.13 0.07	32.80 1.49 0.35	32.02 1.43 0.54	31.51 1.44 0.56	28.96 1.34 0.25	29.86 1.36 0.41	28.47 1.27 0.44	24.37 1.10 0.57	23.27 1.03 0.63	22.14 0.98 0.58	22.05 1.00 0.63	26.68 1.21 0.80	40.26 1.81 0.84	35.57 1.60 0.87	33.44 1.50 0.75	28.71 1.30 0.77	28.11 1.29 0.67	21.51 1.02 0.81	26.74 1.25 0.48
INDECK___OLEAN 23982	23.51 0.79 -3.49	21.42 0.78 -3.25	20.49 0.93 -2.43	20.63 0.80 -2.36	22.21 0.89 -2.39	27.39 0.77 -2.58	46.06 0.41 -13.99	57.43 0.28 -26.02	54.59 0.22 -23.75	51.57 0.20 -23.50	61.38 0.23 -32.24	48.00 0.00 -20.36	36.37 0.10 -12.42	36.48 0.14 -13.47	34.45 0.15 -12.55	37.48 0.09 -15.70	41.93 0.00 -15.65	78.18 -0.39 -39.27	73.23 0.00 -38.39	68.42 0.13 -35.60	45.51 0.03 -17.30	39.36 0.44 -11.43	33.25 0.38 -11.57	31.31 0.81 -4.53
INDECK___OSWEGO 23783	20.45 -0.23 -1.44	18.54 -0.19 -1.34	17.96 -0.19 -1.00	18.25 -0.19 -0.97	19.70 -0.21 -0.99	24.84 -0.26 -1.07	32.55 -0.51 -1.40	32.38 -0.53 -1.78	31.76 -0.61 -1.75	29.12 -0.56 -1.81	29.99 -0.58 -1.66	28.64 -0.55 -1.55	25.01 -0.48 -1.64	24.21 -0.46 -1.79	23.23 -0.43 -1.93	23.32 -0.43 -2.06	28.03 -0.53 -2.28	40.81 -0.83 -2.34	36.62 -0.70 -2.48	34.17 -0.65 -2.14	29.83 -0.56 -2.21	28.85 -0.55 -1.91	23.20 -0.41 -2.31	26.89 -0.47 -1.38
INDECK___YERKES 23781	21.89 -0.25 -2.90	19.93 -0.16 -2.70	19.18 0.02 -2.02	19.28 -0.14 -1.96	20.78 -0.13 -1.99	25.61 -0.58 -2.14	37.19 -1.08 -6.61	41.45 -1.03 -11.35	40.12 -1.01 -10.50	37.52 -0.84 -10.48	41.63 -0.72 -13.44	35.57 -1.13 -9.06	29.29 -0.88 -6.32	28.99 -0.75 -6.88	27.74 -0.70 -6.70	28.96 -0.72 -7.98	33.34 -1.16 -8.23	53.92 -2.12 -16.74	49.93 -1.50 -16.59	46.54 -1.34 -15.20	35.64 -1.27 -8.73	32.62 -1.15 -6.28	27.38 -0.70 -6.79	28.35 -0.83 -3.21
INDIAN POINT_GT_1 24139	39.59 1.77 -18.58	36.27 1.57 -17.31	31.57 1.53 -12.90	31.57 1.55 -12.55	33.26 1.61 -12.73	39.86 2.09 -13.73	52.60 2.97 -17.97	57.28 3.27 -22.88	56.36 3.25 -22.48	54.03 2.90 -23.25	53.43 3.18 -21.34	50.56 2.99 -19.94	47.48 2.53 -21.10	48.45 2.49 -23.09	48.89 2.35 -24.80	50.56 2.36 -26.50	59.04 2.89 -29.87	74.36 4.44 -30.63	71.17 3.90 -32.43	64.29 3.63 -27.98	60.20 3.13 -28.89	55.47 3.02 -24.96	53.67 2.19 -30.18	46.70 2.62 -18.11
INDIAN POINT_GT_2 23659	39.59 1.77 -18.58	36.27 1.57 -17.31	31.57 1.53 -12.90	31.57 1.55 -12.55	33.26 1.61 -12.73	39.86 2.09 -13.73	52.60 2.97 -17.97	57.28 3.27 -22.88	56.36 3.25 -22.48	54.03 2.90 -23.25	53.43 3.18 -21.34	50.56 2.99 -19.94	47.48 2.53 -21.10	48.45 2.49 -23.09	48.89 2.35 -24.80	50.56 2.36 -26.50	59.04 2.89 -29.87	74.36 4.44 -30.63	71.17 3.90 -32.43	64.29 3.63 -27.98	60.20 3.13 -28.89	55.47 3.02 -24.96	53.67 2.19 -30.18	46.70 2.62 -18.11
INDIAN POINT_GT_3 24019	39.59 1.77 -18.58	36.27 1.57 -17.31	31.57 1.53 -12.90	31.57 1.55 -12.55	33.26 1.61 -12.73	39.86 2.09 -13.73	52.60 2.97 -17.97	57.28 3.27 -22.88	56.36 3.25 -22.48	54.03 2.90 -23.25	53.43 3.18 -21.34	50.56 2.99 -19.94	47.48 2.53 -21.10	48.45 2.49 -23.09	48.89 2.35 -24.80	50.56 2.36 -26.50	59.04 2.89 -29.87	74.36 4.44 -30.63	71.17 3.90 -32.43	64.29 3.63 -27.98	60.20 3.13 -28.89	55.47 3.02 -24.96	53.67 2.19 -30.18	46.70 2.62 -18.11
INDIAN POINT___2 23530	39.28 1.71 -18.33	35.98 1.51 -17.08	31.35 1.47 -12.73	31.34 1.50 -12.38	33.05 1.57 -12.55	39.60 2.02 -13.54	52.26 2.88 -17.73	56.88 3.18 -22.57	55.96 3.16 -22.18	53.62 2.81 -22.94	53.02 3.06 -21.05	50.21 2.90 -19.66	47.12 2.46 -20.82	48.07 2.42 -22.78	48.48 2.28 -24.46	50.11 2.28 -26.14	58.58 2.81 -29.49	73.82 4.28 -30.24	70.62 3.76 -32.02	63.84 3.53 -27.62	59.72 3.02 -28.52	55.04 2.91 -24.64	53.20 2.11 -29.79	46.37 2.52 -17.88
INDIAN POINT___3 23531	39.53 1.69 -18.60	36.21 1.50 -17.32	31.53 1.47 -12.91	31.53 1.50 -12.56	33.21 1.55 -12.74	39.80 2.02 -13.74	52.52 2.88 -17.98	57.17 3.14 -22.90	56.25 3.13 -22.50	53.93 2.79 -23.27	53.33 3.06 -21.35	50.47 2.87 -19.95	47.43 2.46 -21.12	48.38 2.40 -23.11	48.82 2.26 -24.82	50.49 2.28 -26.52	58.95 2.78 -29.89	74.19 4.25 -30.64	71.02 3.73 -32.45	64.18 3.50 -28.00	60.08 2.99 -28.91	55.35 2.89 -24.97	53.60 2.11 -30.20	46.61 2.52 -18.12
IP CORINTH___1 23988	46.17 1.21 -25.72	42.52 1.15 -23.99	36.15 1.15 -17.86	36.04 1.15 -17.43	37.97 1.36 -17.68	44.90 1.59 -19.27	59.09 2.44 -24.99	65.05 2.18 -31.74	64.25 2.45 -31.17	62.74 2.34 -32.52	60.96 2.37 -29.68	57.45 2.13 -27.68	55.07 2.00 -29.21	56.68 1.85 -31.96	57.93 1.78 -34.41	60.23 1.78 -36.76	68.92 2.08 -40.57	83.79 3.18 -41.31	81.71 2.82 -44.05	73.33 2.65 -38.00	69.62 2.20 -39.24	63.62 2.23 -33.90	64.01 1.72 -40.99	52.30 1.90 -24.43

IP__TICONDEROGA 23804	46.20 2.33 -24.64	42.55 2.19 -22.97	36.41 2.16 -17.11	36.33 2.18 -16.69	38.28 2.42 -16.93	45.57 3.10 -18.43	59.98 4.40 -23.93	65.85 4.33 -30.40	64.92 4.44 -29.85	63.09 4.10 -31.11	61.69 4.37 -28.41	58.18 4.04 -26.51	55.36 3.53 -27.98	56.80 3.31 -30.62	57.87 3.17 -32.95	60.02 3.12 -35.20	69.07 3.89 -38.91	84.88 5.89 -39.69	82.20 5.12 -42.24	74.03 4.90 -36.44	69.92 4.11 -37.63	63.93 3.93 -32.51	63.61 3.00 -39.30	52.98 3.53 -23.47
ISLIP_RES_REC 323679	42.23 3.14 -19.86	37.95 2.80 -17.76	33.23 2.81 -13.28	34.64 2.86 -14.32	34.60 2.84 -12.83	45.25 3.87 -17.33	60.92 5.38 -23.88	64.42 5.67 -27.62	63.30 5.61 -27.06	63.17 5.02 -30.28	63.26 5.35 -29.00	62.15 5.03 -29.48	59.84 4.27 -31.72	60.32 4.16 -33.28	60.80 3.96 -35.11	60.80 3.97 -35.14	70.87 4.94 -39.66	83.79 7.31 -37.19	86.25 6.51 -44.90	78.10 6.08 -39.33	74.98 5.30 -41.50	65.39 5.14 -32.76	59.85 3.83 -34.72	58.04 4.60 -27.47
JARVIS____ 23743	18.98 0.25 0.51	17.19 0.24 0.44	17.03 0.24 0.35	17.43 0.24 0.28	18.92 0.26 0.27	24.30 0.34 0.07	31.75 0.44 0.35	30.99 0.40 0.54	30.47 0.40 0.56	28.01 0.39 0.25	28.87 0.37 0.41	27.56 0.36 0.44	23.59 0.31 0.57	22.54 0.30 0.63	21.44 0.28 0.58	21.34 0.28 0.63	25.82 0.34 0.80	38.96 0.51 0.84	34.39 0.42 0.87	32.36 0.42 0.75	27.75 0.34 0.77	27.18 0.36 0.67	20.77 0.28 0.81	25.83 0.34 0.48
JENNISON____1 23625	27.29 1.39 -6.67	24.85 1.25 -6.21	23.02 1.25 -4.63	23.26 1.29 -4.50	24.93 1.44 -4.57	30.87 1.90 -4.93	40.99 2.88 -6.45	42.02 2.68 -8.21	41.33 2.63 -8.07	38.64 2.42 -8.35	38.97 2.40 -7.66	37.17 2.38 -7.15	33.35 1.93 -7.57	32.94 1.78 -8.29	32.29 1.65 -8.90	32.92 1.71 -9.51	38.96 2.13 -10.56	53.41 3.30 -10.81	49.26 2.96 -11.46	45.39 2.81 -9.89	40.73 2.34 -10.21	38.57 2.25 -8.82	33.60 1.64 -10.66	34.47 2.10 -6.39
JENNISON____2 23626	27.29 1.39 -6.67	24.85 1.25 -6.21	23.02 1.25 -4.63	23.26 1.29 -4.50	24.93 1.44 -4.57	30.87 1.90 -4.93	40.99 2.88 -6.45	42.02 2.68 -8.21	41.33 2.63 -8.07	38.64 2.42 -8.35	38.97 2.40 -7.66	37.17 2.38 -7.15	33.35 1.93 -7.57	32.94 1.78 -8.29	32.29 1.65 -8.90	32.92 1.71 -9.51	38.96 2.13 -10.56	53.41 3.30 -10.81	49.26 2.96 -11.46	45.39 2.81 -9.89	40.73 2.34 -10.21	38.57 2.25 -8.82	33.60 1.64 -10.66	34.47 2.10 -6.39
JERICHO_RISE_WT_PWR 323719	18.00 -1.23 0.00	15.60 -1.22 0.57	15.94 -1.20 0.00	14.92 -1.20 1.33	16.01 -1.31 1.61	16.07 -1.64 6.34	26.76 -1.99 2.90	27.54 -1.93 1.66	27.59 -1.87 1.17	18.00 -1.84 8.04	23.59 -1.79 3.53	23.78 -1.71 2.15	22.42 -1.43 0.00	21.50 -1.37 0.00	18.33 -1.41 1.99	18.50 -1.39 1.81	24.70 -1.58 0.00	37.33 -1.96 0.00	32.75 -2.09 0.00	30.73 -1.96 0.00	26.49 -1.69 0.00	25.87 -1.62 0.00	20.00 -1.30 0.00	24.44 -1.53 0.00
KEDC_PORT_JEFF_GT2 24210	42.00 3.00 -19.76	37.80 2.68 -17.74	33.09 2.69 -13.26	34.40 2.74 -14.19	34.46 2.71 -12.83	44.98 3.68 -17.26	60.59 5.10 -23.83	63.94 5.36 -27.45	62.81 5.30 -26.88	62.71 4.74 -30.10	62.85 5.06 -28.88	61.74 4.76 -29.35	59.56 4.05 -31.66	60.03 3.93 -33.23	60.54 3.74 -35.06	60.53 3.75 -35.09	70.54 4.65 -39.61	83.00 6.68 -37.02	85.35 5.92 -44.59	77.29 5.56 -39.05	74.55 5.02 -41.35	64.95 4.89 -32.56	59.57 3.66 -34.61	57.82 4.39 -27.45
KEDC_PORT_JEFF_GT3 24211	42.00 3.00 -19.76	37.80 2.68 -17.74	33.09 2.69 -13.26	34.40 2.74 -14.19	34.46 2.71 -12.83	44.98 3.68 -17.26	60.59 5.10 -23.83	63.94 5.36 -27.45	62.81 5.30 -26.88	62.71 4.74 -30.10	62.85 5.06 -28.88	61.74 4.76 -29.35	59.56 4.05 -31.66	60.03 3.93 -33.23	60.54 3.74 -35.06	60.53 3.75 -35.09	70.54 4.65 -39.61	83.00 6.68 -37.02	85.35 5.92 -44.59	77.29 5.56 -39.05	74.55 5.02 -41.35	64.95 4.89 -32.56	59.57 3.66 -34.61	57.82 4.39 -27.45
KEDC_GLWD_GT4 24219	45.09 2.35 -23.51	38.23 2.07 -18.77	33.34 2.04 -14.16	38.55 2.06 -19.03	33.87 2.10 -12.85	46.34 2.81 -19.49	60.53 3.92 -24.94	69.71 4.23 -34.34	69.05 4.20 -34.22	69.07 3.76 -37.43	66.87 4.08 -33.88	66.25 3.84 -34.77	61.15 3.27 -34.03	61.59 3.20 -35.52	61.15 3.02 -36.39	61.13 3.01 -36.43	71.59 3.60 -41.71	88.29 5.50 -43.50	96.82 4.84 -57.14	87.68 4.51 -50.48	79.08 3.86 -47.04	71.59 3.74 -40.36	63.15 2.85 -38.99	55.57 3.43 -26.16
KEDC_GLWD_GT5 24220	45.09 2.35 -23.51	38.23 2.07 -18.77	33.34 2.04 -14.16	38.55 2.06 -19.03	33.87 2.10 -12.85	46.34 2.81 -19.49	60.53 3.92 -24.94	69.71 4.23 -34.34	69.05 4.20 -34.22	69.07 3.76 -37.43	66.87 4.08 -33.88	66.25 3.84 -34.77	61.15 3.27 -34.03	61.59 3.20 -35.52	61.15 3.02 -36.39	61.13 3.01 -36.43	71.59 3.60 -41.71	88.29 5.50 -43.50	96.82 4.84 -57.14	87.68 4.51 -50.48	79.08 3.86 -47.04	71.59 3.74 -40.36	63.15 2.85 -38.99	55.57 3.43 -26.16
KENSICO____ 23655	39.86 1.90 -18.72	36.51 1.69 -17.44	31.79 1.65 -13.00	31.78 1.68 -12.64	33.48 1.74 -12.82	40.13 2.26 -13.83	52.99 3.23 -18.10	57.70 3.52 -23.05	56.77 3.49 -22.65	54.42 3.12 -23.43	53.82 3.41 -21.50	50.93 3.20 -20.08	47.85 2.74 -21.26	48.83 2.70 -23.26	49.27 2.54 -24.98	50.93 2.54 -26.70	59.49 3.13 -30.09	74.85 4.71 -30.84	71.65 4.14 -32.66	64.75 3.89 -28.18	60.60 3.32 -29.09	55.84 3.21 -25.14	54.05 2.36 -30.39	47.02 2.81 -18.24
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.06 1.65 -18.17	35.79 1.48 -16.93	31.23 1.47 -12.62	31.24 1.50 -12.27	32.92 1.55 -12.44	39.49 2.02 -13.42	51.89 2.66 -17.57	56.49 2.99 -22.37	55.49 2.88 -21.98	53.20 2.59 -22.74	52.49 2.72 -20.86	49.65 2.51 -19.49	46.51 2.03 -20.63	47.55 2.10 -22.58	47.97 1.98 -24.25	49.62 2.02 -25.91	57.59 2.68 -28.64	72.94 4.28 -29.36	69.73 3.80 -31.09	63.04 3.53 -26.82	58.86 2.99 -27.69	54.30 2.89 -23.93	52.21 1.98 -28.93	45.65 2.31 -17.36
KIAC_JFK_GT1 23816	40.10 2.12 -18.75	36.69 1.84 -17.46	31.92 1.77 -13.02	31.90 1.78 -12.66	33.63 1.87 -12.84	40.37 2.48 -13.85	53.45 3.67 -18.13	58.21 3.99 -23.10	57.30 3.98 -22.69	54.89 3.54 -23.47	54.63 3.64 -22.07	52.83 3.37 -21.82	51.79 2.86 -25.08	49.63 2.84 -23.93	50.02 2.72 -25.56	51.58 2.71 -27.18	60.32 3.31 -30.73	75.27 5.07 -30.90	72.13 4.56 -32.72	65.23 4.31 -28.23	61.08 3.75 -29.15	56.30 3.63 -25.18	54.47 2.73 -30.44	47.48 3.25 -18.26
KIAC_JFK_GT2 23817	40.10 2.12 -18.75	36.69 1.84 -17.46	31.92 1.77 -13.02	31.90 1.78 -12.66	33.63 1.87 -12.84	40.37 2.48 -13.85	53.45 3.67 -18.13	58.21 3.99 -23.10	57.30 3.98 -22.69	54.89 3.54 -23.47	54.63 3.64 -22.07	52.83 3.37 -21.82	51.79 2.86 -25.08	49.63 2.84 -23.93	50.02 2.72 -25.56	51.58 2.71 -27.18	60.32 3.31 -30.73	75.27 5.07 -30.90	72.13 4.56 -32.72	65.23 4.31 -28.23	61.08 3.75 -29.15	56.30 3.63 -25.18	54.47 2.73 -30.44	47.48 3.25 -18.26
KINTIGH____ 23543	21.06 -0.69 -2.51	19.19 -0.54 -2.34	18.44 -0.45 -1.75	18.62 -0.54 -1.70	20.06 -0.59 -1.72	24.89 -1.01 -1.86	29.81 -1.90 -0.05	27.83 -1.52 1.77	27.79 -1.50 1.33	25.39 -1.34 1.14	24.17 -1.30 3.44	25.04 -1.57 1.03	23.57 -1.24 -0.96	22.78 -1.17 -1.07	22.24 -1.09 -1.58	21.79 -1.08 -1.18	26.54 -1.45 -1.71	32.97 -2.87 3.46	29.81 -2.09 2.94	27.83 -1.77 3.09	27.83 -1.52 -1.17	27.83 -1.46 -1.80	22.89 -1.09 -2.68	26.85 -1.27 -2.15

LEDERLE____ 23769	39.10 1.79 -18.07	35.81 1.58 -16.84	31.24 1.54 -12.55	31.24 1.57 -12.21	32.95 1.65 -12.38	39.51 2.12 -13.35	52.14 3.01 -17.48	56.68 3.30 -22.25	55.74 3.25 -21.87	53.39 2.90 -22.62	52.82 3.15 -20.75	49.99 2.96 -19.39	46.88 2.50 -20.52	47.82 2.49 -22.46	48.21 2.35 -24.12	49.83 2.36 -25.78	58.29 2.92 -29.10	73.61 4.48 -29.83	70.37 3.94 -31.59	63.60 3.66 -27.25	59.45 3.13 -28.14	54.83 3.02 -24.31	52.87 2.17 -29.39	46.21 2.60 -17.64
LINDEN COGEN____ 23786	40.02 2.04 -18.75	36.64 1.79 -17.46	31.89 1.73 -13.02	31.89 1.76 -12.66	33.62 1.86 -12.84	40.27 2.38 -13.85	53.20 3.42 -18.13	57.96 3.73 -23.10	57.03 3.70 -22.69	54.66 3.32 -23.47	54.66 3.67 -22.07	52.92 3.45 -21.82	51.89 2.96 -25.08	49.68 2.88 -23.93	50.04 2.74 -25.56	51.61 2.73 -27.18	60.32 3.31 -30.74	75.19 4.99 -30.90	71.95 4.39 -32.72	65.04 4.12 -28.23	60.86 3.52 -29.15	56.08 3.41 -25.18	54.25 2.51 -30.44	47.27 3.04 -18.26
LIPA_MISC_IPP 23656	41.95 3.00 -19.72	37.79 2.68 -17.73	33.10 2.71 -13.25	34.34 2.74 -14.13	34.48 2.73 -12.83	44.95 3.68 -17.23	60.57 5.10 -23.81	63.82 5.32 -27.37	62.69 5.27 -26.80	62.60 4.71 -30.02	62.76 5.03 -28.82	61.65 4.73 -29.29	59.51 4.03 -31.63	60.00 3.93 -33.20	60.52 3.74 -35.04	60.51 3.75 -35.07	70.46 4.60 -39.58	83.09 6.84 -36.95	85.45 6.17 -44.45	77.36 5.75 -38.92	74.46 4.99 -41.29	64.83 4.87 -32.47	59.50 3.64 -34.56	57.79 4.36 -27.45
LISF____SOLAR 323691	42.04 3.08 -19.73	37.85 2.73 -17.73	33.15 2.76 -13.25	34.43 2.81 -14.15	34.54 2.78 -12.83	45.05 3.77 -17.24	60.67 5.19 -23.82	63.97 5.45 -27.40	62.84 5.39 -26.82	62.74 4.82 -30.04	62.92 5.17 -28.84	61.78 4.84 -29.31	59.62 4.13 -31.64	60.10 4.03 -33.21	60.61 3.83 -35.04	60.61 3.84 -35.08	70.57 4.70 -39.59	83.27 6.99 -36.97	85.64 6.31 -44.49	77.56 5.92 -38.96	74.60 5.10 -41.31	64.97 4.98 -32.50	59.60 3.73 -34.58	57.90 4.47 -27.45
LITTLE FALLS____HYD 24013	20.52 1.79 0.51	18.58 1.63 0.44	18.40 1.61 0.35	18.83 1.64 0.28	20.43 1.78 0.27	26.23 2.26 0.07	34.22 2.91 0.35	33.42 2.83 0.54	32.89 2.82 0.56	30.21 2.59 0.25	31.19 2.69 0.41	29.71 2.51 0.44	25.45 2.17 0.57	24.30 2.06 0.63	23.12 1.96 0.58	23.03 1.97 0.63	27.87 2.39 0.80	42.03 3.58 0.84	37.14 3.17 0.87	34.91 2.97 0.75	29.97 2.56 0.77	29.43 2.61 0.67	22.51 2.02 0.81	27.99 2.49 0.48
LI_NEWBRDGE____DRP 323616	40.62 2.44 -18.94	37.07 2.17 -17.51	32.34 2.14 -13.06	32.75 2.16 -13.12	33.91 2.16 -12.83	43.60 2.93 -16.63	59.10 4.02 -23.43	61.38 4.26 -25.99	60.20 4.26 -25.32	60.20 3.79 -28.54	60.72 3.99 -27.81	59.59 3.76 -28.20	58.21 3.22 -31.14	58.75 3.16 -32.72	59.37 2.98 -34.65	59.37 2.99 -34.68	69.09 3.65 -39.16	80.53 5.58 -35.65	81.68 4.91 -41.92	73.88 4.58 -36.62	72.25 3.92 -40.15	62.22 3.82 -30.90	57.89 2.92 -33.68	56.86 3.50 -27.38
LONG_LAKE_PHOENIX 24014	20.62 -0.11 -1.50	18.70 -0.09 -1.39	18.10 -0.09 -1.04	18.39 -0.09 -1.01	19.87 -0.08 -1.02	25.05 -0.10 -1.11	32.82 -0.29 -1.45	32.72 -0.25 -1.84	32.07 -0.37 -1.81	29.38 -0.36 -1.87	30.31 -0.32 -1.72	28.94 -0.30 -1.61	25.24 -0.31 -1.70	24.43 -0.30 -1.86	23.45 -0.28 -2.00	23.54 -0.28 -2.13	28.33 -0.31 -2.37	41.21 -0.51 -2.43	37.03 -0.38 -2.57	34.51 -0.39 -2.22	30.11 -0.37 -2.29	29.08 -0.38 -1.98	23.41 -0.28 -2.39	27.12 -0.29 -1.43
LOVETT____3 23632	39.10 1.71 -18.15	35.81 1.51 -16.91	31.24 1.49 -12.60	31.22 1.50 -12.26	32.92 1.57 -12.43	39.50 2.04 -13.41	52.12 2.91 -17.55	56.66 3.18 -22.35	55.71 3.13 -21.96	53.37 2.79 -22.71	52.82 3.06 -20.84	49.99 2.87 -19.47	46.90 2.43 -20.61	47.82 2.40 -22.55	48.25 2.28 -24.23	49.86 2.28 -25.89	58.31 2.81 -29.22	73.54 4.28 -29.95	70.33 3.76 -31.72	63.58 3.53 -27.36	59.46 3.02 -28.26	54.81 2.91 -24.41	52.92 2.11 -29.52	46.20 2.52 -17.71
LOVETT____4 23642	39.10 1.71 -18.15	35.81 1.51 -16.91	31.24 1.49 -12.60	31.22 1.50 -12.26	32.92 1.57 -12.43	39.50 2.04 -13.41	52.12 2.91 -17.55	56.66 3.18 -22.35	55.71 3.13 -21.96	53.37 2.79 -22.71	52.82 3.06 -20.84	49.99 2.87 -19.47	46.90 2.43 -20.61	47.82 2.40 -22.55	48.25 2.28 -24.23	49.86 2.28 -25.89	58.31 2.81 -29.22	73.54 4.28 -29.95	70.33 3.76 -31.72	63.58 3.53 -27.36	59.46 3.02 -28.26	54.81 2.91 -24.41	52.92 2.11 -29.52	46.20 2.52 -17.71
LOVETT____5 23593	39.10 1.71 -18.15	35.81 1.51 -16.91	31.24 1.49 -12.60	31.22 1.50 -12.26	32.92 1.57 -12.43	39.50 2.04 -13.41	52.12 2.91 -17.55	56.66 3.18 -22.35	55.71 3.13 -21.96	53.37 2.79 -22.71	52.82 3.06 -20.84	49.99 2.87 -19.47	46.90 2.43 -20.61	47.82 2.40 -22.55	48.25 2.28 -24.23	49.86 2.28 -25.89	58.31 2.81 -29.22	73.54 4.28 -29.95	70.33 3.76 -31.72	63.58 3.53 -27.36	59.46 3.02 -28.26	54.81 2.91 -24.41	52.92 2.11 -29.52	46.20 2.52 -17.71
LOWER RAQUET____HYD 24057	17.66 -1.58 0.00	15.40 -1.53 0.46	15.63 -1.51 0.00	14.87 -1.52 1.08	16.00 -1.63 1.30	16.93 -2.00 5.12	26.75 -2.56 2.34	27.18 -2.61 1.34	27.17 -2.51 0.95	19.18 -2.20 6.49	23.67 -2.40 2.85	23.64 -2.27 1.73	21.92 -1.93 0.00	20.95 -1.92 0.00	18.28 -1.85 1.61	18.39 -1.84 1.46	24.15 -2.13 0.00	36.55 -2.75 0.00	32.09 -2.75 0.00	30.10 -2.58 0.00	25.93 -2.26 0.00	25.29 -2.20 0.00	19.51 -1.79 0.00	23.84 -2.13 0.00
LOWER____HUDSON 24059	46.16 1.39 -25.53	42.48 1.29 -23.81	36.14 1.27 -17.73	36.05 1.29 -17.30	37.91 1.44 -17.55	44.94 1.78 -19.12	59.00 2.53 -24.81	65.03 2.40 -31.51	64.08 2.51 -30.94	62.49 2.34 -32.28	60.74 2.37 -29.46	57.30 2.18 -27.48	54.78 1.93 -29.00	56.40 1.81 -31.73	57.64 1.74 -34.16	59.92 1.74 -36.49	68.59 2.05 -40.26	83.49 3.07 -41.12	81.27 2.72 -43.71	72.95 2.55 -37.71	69.26 2.14 -38.94	63.22 2.09 -33.64	63.65 1.68 -40.67	52.24 1.95 -24.32
LWR____OSWEGATCHIE_HYD 23850	18.35 -0.88 0.00	16.23 -0.85 0.30	16.30 -0.84 0.00	15.91 -0.84 0.71	17.20 -0.87 0.86	19.65 -1.01 3.39	28.97 -1.14 1.55	28.94 -1.31 0.88	28.78 -1.23 0.63	22.55 -1.03 4.29	25.82 -1.21 1.88	25.39 -1.11 1.15	22.87 -0.98 0.00	21.86 -1.01 0.00	19.70 -0.98 1.07	19.77 -0.95 0.97	25.22 -1.05 0.00	38.04 -1.26 0.00	33.52 -1.32 0.00	31.48 -1.21 0.00	27.11 -1.07 0.00	26.42 -1.07 0.00	20.36 -0.94 0.00	24.86 -1.12 0.00
LYONS_FALL_HYD 23570	19.54 0.31 0.00	17.60 0.28 0.06	17.40 0.26 0.00	17.61 0.30 0.15	19.10 0.36 0.18	23.85 0.53 0.72	32.31 0.98 0.33	31.72 0.78 0.19	31.32 0.83 0.13	27.79 0.84 0.92	29.23 0.72 0.40	28.14 0.75 0.24	24.42 0.57 0.00	23.33 0.46 0.00	21.95 0.43 0.23	21.96 0.48 0.21	26.93 0.66 0.00	40.48 1.18 0.00	35.81 0.97 0.00	33.60 0.91 0.00	28.91 0.73 0.00	28.18 0.69 0.00	21.75 0.45 0.00	26.54 0.57 0.00
MADISON____COUNTY_LFGE 323628	20.75 0.67 -0.84	18.78 0.61 -0.78	18.33 0.60 -0.58	18.66 0.63 -0.57	20.22 0.72 -0.58	25.62 0.96 -0.62	33.90 1.43 -0.81	33.47 1.31 -1.03	32.93 1.29 -1.02	30.15 1.23 -1.05	31.09 1.21 -0.96	29.73 1.19 -0.90	25.76 0.96 -0.95	24.78 0.87 -1.04	23.69 0.83 -1.12	23.73 0.85 -1.20	28.68 1.08 -1.33	42.34 1.69 -1.35	37.78 1.50 -1.44	35.34 1.40 -1.24	30.62 1.16 -1.28	29.70 1.10 -1.11	23.45 0.81 -1.34	27.79 1.01 -0.81

MAPLE RIDGE_WT_1 323574	17.82 -0.17 1.24	16.35 -0.14 0.89	16.16 -0.12 0.86	17.12 -0.12 0.22	18.70 -0.11 0.11	25.91 -0.14 -2.01	31.61 -0.19 -0.14	30.18 -0.19 0.76	29.52 -0.15 0.96	29.87 -0.17 -2.16	28.94 -0.17 -0.20	27.13 -0.16 0.34	22.30 -0.14 1.41	21.17 -0.16 1.54	20.85 -0.15 0.74	20.58 -0.17 0.94	24.10 -0.21 1.97	37.01 -0.23 2.05	32.25 -0.45 2.13	30.42 -0.43 1.84	25.92 -0.37 1.90	25.52 -0.33 1.64	19.12 -0.19 1.99	24.68 -0.23 1.06
MAPLE RIDGE_WT_2 323611	17.82 -0.17 1.24	16.35 -0.14 0.89	16.16 -0.12 0.86	17.12 -0.12 0.22	18.70 -0.11 0.11	25.91 -0.14 -2.01	31.61 -0.19 -0.14	30.18 -0.19 0.76	29.52 -0.15 0.96	29.87 -0.17 -2.16	28.94 -0.17 -0.20	27.13 -0.16 0.34	22.30 -0.14 1.41	21.17 -0.16 1.54	20.85 -0.15 0.74	20.58 -0.17 0.94	24.10 -0.21 1.97	37.01 -0.23 2.05	32.25 -0.45 2.13	30.42 -0.43 1.84	25.92 -0.37 1.90	25.52 -0.33 1.64	19.12 -0.19 1.99	24.68 -0.23 1.06
MARBLE RIVER_WT_PWR 323696	18.02 -1.21 0.00	15.61 -1.20 0.58	15.98 -1.17 0.00	14.91 -1.19 1.36	16.00 -1.29 1.64	15.96 -1.61 6.47	26.73 -1.96 2.96	27.54 -1.90 1.69	27.60 -1.84 1.20	17.86 -1.81 8.20	23.58 -1.73 3.60	23.76 -1.69 2.19	22.44 -1.41 0.00	21.52 -1.35 0.00	18.31 -1.39 2.04	18.48 -1.37 1.84	24.72 -1.55 0.00	37.41 -1.89 0.00	32.78 -2.06 0.00	30.76 -1.93 0.00	26.52 -1.66 0.00	25.92 -1.57 0.00	20.02 -1.28 0.00	24.49 -1.48 0.00
MARSH HILL_WT_PWR 323713	23.75 0.62 -3.90	21.64 0.63 -3.63	20.54 0.69 -2.71	20.76 0.66 -2.63	22.37 0.78 -2.67	27.74 0.82 -2.88	41.55 0.95 -8.94	47.57 1.06 -15.38	45.65 0.80 -14.23	42.79 0.72 -14.20	48.01 0.87 -18.23	40.72 0.80 -12.28	33.04 0.64 -8.55	32.83 0.66 -9.29	31.42 0.63 -9.05	33.06 0.59 -10.78	38.11 0.73 -11.10	62.78 0.79 -22.70	58.29 0.97 -22.48	54.20 0.91 -20.60	40.74 0.76 -11.79	36.76 0.80 -8.48	31.17 0.72 -9.15	31.36 1.07 -4.32
MG INDUSTRY___DRP 24185	44.55 1.17 -24.14	40.95 1.08 -22.48	34.98 1.08 -16.76	34.85 1.08 -16.30	36.65 1.19 -16.53	43.34 1.47 -17.83	56.99 2.00 -23.34	62.71 1.87 -29.72	61.73 1.90 -29.20	59.83 1.76 -30.20	58.36 1.73 -27.71	55.16 1.63 -25.89	52.67 1.41 -27.41	54.21 1.35 -29.99	55.25 1.30 -32.21	57.41 1.30 -34.42	65.80 1.52 -38.01	80.62 2.28 -39.04	78.16 2.05 -41.26	70.21 1.93 -35.59	66.60 1.66 -36.75	60.86 1.62 -31.75	60.99 1.30 -38.39	50.57 1.51 -23.09
MID___OSWEGATCHIE_HYD 23849	18.35 -0.88 0.00	16.23 -0.85 0.30	16.30 -0.84 0.00	15.91 -0.84 0.71	17.20 -0.87 0.86	19.65 -1.01 3.39	28.97 -1.14 1.55	28.94 -1.31 0.88	28.78 -1.23 0.63	22.55 -1.03 4.29	25.82 -1.21 1.88	25.39 -1.11 1.15	22.87 -0.98 0.00	21.86 -1.01 0.00	19.70 -0.98 1.07	19.77 -0.95 0.97	25.22 -1.05 0.00	38.04 -1.26 0.00	33.52 -1.32 0.00	31.48 -1.21 0.00	27.11 -1.07 0.00	26.42 -1.07 0.00	20.36 -0.94 0.00	24.86 -1.12 0.00
MID___RAQUETTE_HYD 23851	17.66 -1.58 0.00	15.40 -1.53 0.46	15.63 -1.51 0.00	14.87 -1.52 1.08	16.00 -1.63 1.30	16.93 -2.00 5.12	26.75 -2.56 2.34	27.18 -2.61 1.34	27.17 -2.51 0.95	19.18 -2.20 6.49	23.67 -2.40 2.85	23.64 -2.27 1.73	21.92 -1.93 0.00	20.95 -1.92 0.00	18.28 -1.85 1.61	18.39 -1.84 1.46	24.15 -2.13 0.00	36.55 -2.75 0.00	32.09 -2.75 0.00	30.10 -2.58 0.00	25.93 -2.26 0.00	25.29 -2.20 0.00	19.51 -1.79 0.00	23.84 -2.13 0.00
MILLIKEN___1 23584	23.74 0.69 -3.81	21.58 0.64 -3.55	20.42 0.63 -2.65	20.68 0.65 -2.58	22.27 0.74 -2.61	27.79 0.94 -2.82	36.61 1.27 -3.69	37.16 1.34 -4.69	36.34 1.10 -4.61	33.62 0.98 -4.77	34.33 1.04 -4.38	32.78 1.05 -4.09	29.01 0.83 -4.33	28.38 0.78 -4.74	27.54 0.72 -5.09	27.84 0.71 -5.44	33.25 0.94 -6.04	46.85 1.37 -6.18	42.68 1.29 -6.55	39.51 1.18 -5.65	35.01 0.99 -5.84	33.47 0.94 -5.04	28.10 0.70 -6.10	30.54 0.91 -3.66
MILLIKEN___2 23585	23.74 0.69 -3.81	21.58 0.64 -3.55	20.42 0.63 -2.65	20.68 0.65 -2.58	22.27 0.74 -2.61	27.79 0.94 -2.82	36.61 1.27 -3.69	37.16 1.34 -4.69	36.34 1.10 -4.61	33.62 0.98 -4.77	34.33 1.04 -4.38	32.78 1.05 -4.09	29.01 0.83 -4.33	28.38 0.78 -4.74	27.54 0.72 -5.09	27.84 0.71 -5.44	33.25 0.94 -6.04	46.85 1.37 -6.18	42.68 1.29 -6.55	39.51 1.18 -5.65	35.01 0.99 -5.84	33.47 0.94 -5.04	28.10 0.70 -6.10	30.54 0.91 -3.66
MILLIKEN___DIESEL 23629	23.74 0.69 -3.81	21.58 0.64 -3.55	20.42 0.63 -2.65	20.68 0.65 -2.58	22.27 0.74 -2.61	27.79 0.94 -2.82	36.61 1.27 -3.69	37.16 1.34 -4.69	36.34 1.10 -4.61	33.62 0.98 -4.77	34.33 1.04 -4.38	32.78 1.05 -4.09	29.01 0.83 -4.33	28.38 0.78 -4.74	27.54 0.72 -5.09	27.84 0.71 -5.44	33.25 0.94 -6.04	46.85 1.37 -6.18	42.68 1.29 -6.55	39.51 1.18 -5.65	35.01 0.99 -5.84	33.47 0.94 -5.04	28.10 0.70 -6.10	30.54 0.91 -3.66
MILLSEAT___LFGE 323607	21.67 -0.23 -2.66	19.75 -0.12 -2.48	19.01 0.02 -1.85	19.15 -0.10 -1.79	20.65 -0.09 -1.82	25.55 -0.46 -1.96	32.74 -0.76 -1.85	32.21 -0.71 -1.79	31.75 -0.76 -1.89	29.28 -0.61 -2.02	29.40 -0.64 -1.12	28.31 -1.05 -1.72	25.58 -0.71 -2.44	24.89 -0.66 -2.68	24.19 -0.57 -3.01	24.17 -0.58 -3.06	28.99 -0.81 -3.53	39.83 -1.49 -2.02	36.23 -0.98 -2.36	33.67 -0.88 -1.87	30.57 -0.87 -3.26	29.69 -0.85 -3.06	24.53 -0.62 -3.85	27.72 -0.73 -2.47
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.73 1.83 -18.67	36.39 1.62 -17.39	31.68 1.58 -12.96	31.67 1.61 -12.61	33.37 1.67 -12.78	40.00 2.16 -13.79	52.78 3.07 -18.05	57.47 3.36 -22.98	56.55 3.34 -22.58	54.21 2.98 -23.36	53.61 3.27 -21.43	50.73 3.07 -20.02	47.67 2.62 -21.20	48.62 2.56 -23.19	49.06 2.41 -24.91	50.74 2.43 -26.62	59.24 2.97 -30.00	74.60 4.56 -30.75	71.41 4.00 -32.57	64.50 3.72 -28.09	60.37 3.18 -29.01	55.63 3.08 -25.06	53.86 2.26 -30.30	46.86 2.70 -18.18
MODEL_CITY_ENERGY 24167	21.21 -0.81 -2.78	19.32 -0.66 -2.59	18.59 -0.48 -1.92	18.71 -0.63 -1.87	20.14 -0.68 -1.90	24.84 -1.25 -2.05	29.47 -1.93 0.26	26.63 -1.90 2.60	26.68 -1.90 2.05	24.40 -1.64 1.82	22.71 -1.56 4.64	24.08 -1.94 1.63	23.11 -1.55 -0.81	22.37 -1.42 -0.92	21.94 -1.33 -1.52	21.36 -1.32 -1.00	26.09 -1.79 -1.60	31.43 -3.07 4.81	28.31 -2.33 4.20	26.28 -2.09 4.31	27.21 -1.92 -0.95	27.47 -1.82 -1.79	22.77 -1.32 -2.79	26.75 -1.56 -2.34
MODERN_LFGE___ 323580	21.21 -0.81 -2.78	19.32 -0.66 -2.59	18.59 -0.48 -1.92	18.71 -0.63 -1.87	20.14 -0.68 -1.90	24.84 -1.25 -2.05	29.47 -1.93 0.26	26.63 -1.90 2.60	26.68 -1.90 2.05	24.40 -1.64 1.82	22.71 -1.56 4.64	24.08 -1.94 1.63	23.11 -1.55 -0.81	22.37 -1.42 -0.92	21.94 -1.33 -1.52	21.36 -1.32 -1.00	26.09 -1.79 -1.60	31.43 -3.07 4.81	28.31 -2.33 4.20	26.28 -2.09 4.31	27.21 -1.92 -0.95	27.47 -1.82 -1.79	22.77 -1.32 -2.79	26.75 -1.56 -2.34
MOHAWK_PAPER___DRP 24187	45.62 1.39 -25.00	41.96 1.27 -23.31	35.77 1.27 -17.36	35.67 1.27 -16.93	37.52 1.42 -17.18	44.48 1.75 -18.69	58.43 2.50 -24.27	64.27 2.30 -30.84	63.33 2.42 -30.28	61.69 2.26 -31.56	59.96 2.23 -28.83	56.61 2.07 -26.89	54.03 1.79 -28.39	55.62 1.69 -31.06	56.80 1.63 -33.43	59.04 1.63 -35.72	67.54 1.87 -39.40	82.36 2.79 -40.27	80.13 2.51 -42.78	71.94 2.35 -36.90	68.26 1.97 -38.10	62.30 1.90 -32.92	62.67 1.58 -39.80	51.58 1.79 -23.82

MONGAUP___HYD 23641	38.26 1.85 -17.18	35.01 1.62 -16.00	30.73 1.66 -11.93	30.78 1.71 -11.60	32.45 1.76 -11.76	38.97 2.24 -12.69	50.61 2.34 -16.61	55.11 2.83 -21.15	53.98 2.57 -20.78	51.74 2.37 -21.50	51.01 2.37 -19.72	48.17 2.10 -18.43	44.96 1.60 -19.51	46.00 1.78 -21.34	46.34 1.67 -22.92	47.95 1.76 -24.50	56.30 2.34 -27.69	71.65 3.97 -28.38	68.42 3.52 -30.06	61.89 3.27 -25.93	57.69 2.73 -26.78	53.26 2.64 -23.13	51.25 1.98 -27.97	44.96 2.21 -16.78
MONTAUK___DIESEL 23721	43.71 4.75 -19.73	39.38 4.26 -17.73	34.66 4.27 -13.25	35.97 4.37 -14.15	36.11 4.35 -12.83	47.31 6.03 -17.23	63.93 8.45 -23.82	67.36 8.84 -27.39	66.11 8.67 -26.81	65.65 7.75 -30.03	66.04 8.30 -28.83	64.65 7.71 -29.30	61.95 6.46 -31.64	62.36 6.29 -33.20	62.76 5.98 -35.04	62.75 5.99 -35.07	72.51 6.65 -39.59	86.48 10.21 -36.97	89.77 10.45 -44.48	81.44 9.81 -38.95	77.83 8.34 -41.30	67.96 7.97 -32.49	61.69 5.82 -34.57	60.44 7.01 -27.45
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.08 2.10 -18.75	36.69 1.84 -17.46	31.96 1.80 -13.02	31.94 1.82 -12.66	33.67 1.91 -12.84	40.35 2.45 -13.85	53.30 3.51 -18.13	58.06 3.83 -23.10	57.13 3.80 -22.70	54.78 3.43 -23.48	54.95 3.73 -22.30	53.68 3.51 -22.53	53.50 3.01 -26.64	49.99 2.93 -24.19	50.31 2.78 -25.79	51.84 2.78 -27.37	60.65 3.39 -30.99	75.36 5.15 -30.91	72.10 4.53 -32.73	65.17 4.25 -28.24	60.98 3.64 -29.16	56.19 3.52 -25.18	54.34 2.60 -30.44	47.33 3.09 -18.26
MUNSVILLE_WIND_PWR 323609	27.19 2.04 -5.92	24.74 1.84 -5.51	23.07 1.82 -4.11	23.36 1.90 -4.00	25.11 2.14 -4.05	31.27 2.86 -4.37	41.78 4.40 -5.72	42.46 4.04 -7.28	41.76 3.98 -7.16	38.98 3.71 -7.40	39.29 3.58 -6.79	37.55 3.57 -6.35	33.48 2.91 -6.72	32.85 2.63 -7.35	32.09 2.46 -7.89	32.69 2.56 -8.44	38.87 3.23 -9.36	53.99 5.11 -9.59	49.53 4.53 -10.17	45.70 4.25 -8.77	40.79 3.55 -9.06	38.69 3.38 -7.82	33.23 2.47 -9.46	34.79 3.14 -5.67
N SALMON___HYD 24042	18.08 -1.15 0.00	15.65 -1.20 0.54	15.98 -1.17 0.00	15.01 -1.19 1.27	16.13 -1.27 1.53	16.42 -1.59 6.03	27.00 -1.90 2.76	27.72 -1.84 1.58	27.74 -1.78 1.11	18.41 -1.81 7.65	23.91 -1.65 3.35	23.97 -1.63 2.04	22.52 -1.34 0.00	21.59 -1.28 0.00	18.45 -1.39 1.90	18.63 -1.34 1.72	24.80 -1.47 0.00	37.76 -1.53 0.00	32.92 -1.92 0.00	30.89 -1.80 0.00	26.61 -1.58 0.00	25.95 -1.54 0.00	20.00 -1.30 0.00	24.47 -1.51 0.00
N.E._GEN_SANDY PD 24062	43.42 1.60 -22.59	39.89 1.46 -21.04	34.27 1.44 -15.68	34.18 1.47 -15.25	35.96 1.57 -15.47	42.75 2.02 -16.69	56.31 2.82 -21.84	61.80 2.86 -27.81	60.83 2.88 -27.32	58.75 2.62 -28.26	57.62 2.78 -25.93	54.47 2.60 -24.23	51.74 2.24 -25.65	53.11 2.17 -28.06	53.95 2.07 -30.14	55.94 2.04 -32.21	64.52 2.47 -35.77	79.61 3.69 -36.62	76.95 3.27 -38.84	69.26 3.07 -33.50	65.40 2.62 -34.59	59.90 2.53 -29.89	59.39 1.96 -36.13	49.94 2.31 -21.66
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.10 1.75 -18.12	35.81 1.55 -16.88	31.23 1.51 -12.58	31.24 1.54 -12.24	32.94 1.61 -12.41	39.50 2.07 -13.39	52.12 2.94 -17.52	56.64 3.21 -22.31	55.73 3.19 -21.92	53.39 2.84 -22.67	52.81 3.10 -20.80	49.98 2.90 -19.44	46.88 2.46 -20.58	47.80 2.42 -22.51	48.22 2.30 -24.18	49.83 2.30 -25.84	58.28 2.84 -29.17	73.56 4.36 -29.90	70.34 3.83 -31.67	63.60 3.60 -27.32	59.46 3.07 -28.21	54.83 2.97 -24.37	52.89 2.13 -29.46	46.20 2.55 -17.68
NARROWS_GT1_1 24228	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT1_2 24229	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT1_3 24230	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT1_4 24231	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT1_5 24232	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT1_6 24233	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT1_7 24234	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT1_8 24235	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27



NARROWS_GT2_1 24236	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT2_2 24237	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT2_3 24238	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT2_4 24239	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT2_5 24240	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT2_6 24241	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT2_7 24242	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NARROWS_GT2_8 24243	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.11 1.77 -21.10	38.64 1.60 -19.66	33.46 1.66 -14.65	33.41 1.69 -14.25	35.15 1.78 -14.45	41.84 2.21 -15.59	54.75 2.69 -20.41	60.07 2.96 -25.98	58.88 2.72 -25.53	56.81 2.54 -26.41	55.54 2.40 -24.23	52.41 2.13 -22.64	49.46 1.64 -23.96	50.90 1.81 -26.22	51.62 1.72 -28.16	53.57 1.78 -30.10	61.79 2.52 -32.99	77.39 4.25 -33.84	74.45 3.80 -35.82	67.08 3.50 -30.90	63.02 2.93 -31.90	57.88 2.83 -27.56	56.50 1.87 -33.32	48.06 2.08 -20.01
NEG CAPITAL___MECHNVIL 23645	46.67 1.56 -25.88	42.96 1.44 -24.13	36.55 1.44 -17.97	36.45 1.45 -17.54	38.38 1.67 -17.79	45.41 1.97 -19.39	59.72 2.91 -25.15	65.74 2.68 -31.94	64.87 2.88 -31.36	63.34 2.73 -32.73	61.53 2.75 -29.87	58.04 2.54 -27.86	55.51 2.27 -29.39	57.13 2.10 -32.16	58.39 2.02 -34.62	60.70 2.02 -36.99	69.53 2.44 -40.81	84.58 3.69 -41.59	82.42 3.27 -44.31	73.98 3.07 -38.22	70.22 2.56 -39.47	64.09 2.50 -34.10	64.48 1.96 -41.23	52.78 2.21 -24.60
NEG CENTRAL_HIGH_ACRES 23767	20.95 -0.50 -2.22	19.05 -0.40 -2.06	18.32 -0.36 -1.54	18.57 -0.38 -1.50	20.04 -0.40 -1.52	25.05 -0.63 -1.64	31.80 -0.98 -1.12	31.06 -0.71 -0.64	30.58 -0.86 -0.81	28.03 -0.78 -0.94	27.91 -0.84 0.17	27.45 -0.97 -0.78	24.84 -0.71 -1.70	24.04 -0.71 -1.88	23.29 -0.65 -2.20	23.17 -0.65 -2.13	28.02 -0.79 -2.54	38.33 -1.34 -0.37	34.53 -1.01 -0.70	32.14 -0.92 -0.37	29.58 -0.84 -2.25	28.91 -0.85 -2.28	23.61 -0.66 -2.97	27.18 -0.81 -2.01
NEG CENTRAL___DRP 24199	21.90 0.21 -2.46	19.90 0.23 -2.29	19.09 0.24 -1.71	19.36 0.24 -1.66	20.91 0.30 -1.68	26.19 0.34 -1.81	34.44 0.41 -2.37	34.56 0.40 -3.02	33.66 0.06 -2.97	31.00 0.06 -3.07	31.79 0.06 -2.82	30.47 0.19 -2.63	26.78 0.14 -2.79	26.06 0.14 -3.05	25.13 0.11 -3.28	25.28 0.09 -3.50	30.32 0.16 -3.89	43.20 -0.08 -3.98	39.13 0.07 -4.22	36.36 0.03 -3.64	32.06 0.11 -3.76	30.85 0.11 -3.25	25.31 0.09 -3.93	28.49 0.16 -2.36
NEG CENTRAL___INDECK 23768	23.11 0.62 -3.26	21.05 0.63 -3.04	20.07 0.67 -2.26	20.31 0.65 -2.20	21.91 0.76 -2.23	27.24 0.79 -2.41	37.47 0.03 -5.78	40.83 0.31 -9.39	39.50 0.09 -8.78	36.80 0.11 -8.81	39.67 0.03 -10.73	35.09 -0.16 -7.61	29.65 0.00 -5.80	29.16 -0.02 -6.31	28.02 -0.02 -6.30	28.97 -0.02 -7.30	33.97 0.03 -7.67	52.63 -0.27 -13.61	48.50 0.03 -13.62	45.12 0.07 -12.37	36.16 0.03 -7.95	33.46 -0.03 -6.00	28.67 0.68 -6.69	30.25 0.86 -3.42
NEG CENTRAL___SENECA 23627	22.35 0.38 -2.73	20.31 0.38 -2.54	19.43 0.39 -1.90	19.71 0.40 -1.84	21.28 0.49 -1.87	26.56 0.51 -2.02	34.96 0.67 -2.64	35.14 0.65 -3.36	34.05 0.12 -3.30	31.43 0.14 -3.42	32.19 0.15 -3.13	30.96 0.39 -2.93	27.24 0.29 -3.10	26.54 0.28 -3.39	25.62 0.24 -3.64	25.80 0.22 -3.89	30.91 0.32 -4.32	43.73 0.00 -4.43	39.71 0.18 -4.69	36.87 0.13 -4.05	32.65 0.28 -4.18	31.40 0.30 -3.61	25.90 0.23 -4.37	28.93 0.34 -2.62
NEG CENTRAL___STATE_STREET 24147	22.02 0.38 -2.40	20.00 0.38 -2.23	19.18 0.38 -1.66	19.46 0.38 -1.62	21.02 0.45 -1.64	26.36 0.55 -1.77	34.70 0.73 -2.32	34.89 0.81 -2.95	34.08 0.55 -2.90	31.37 0.50 -3.00	32.21 0.55 -2.75	30.79 0.58 -2.57	27.00 0.43 -2.72	26.23 0.39 -2.98	25.31 0.37 -3.20	25.45 0.35 -3.42	30.54 0.47 -3.79	43.85 0.67 -3.88	39.65 0.70 -4.12	36.83 0.59 -3.55	32.36 0.51 -3.67	31.10 0.44 -3.17	25.45 0.32 -3.83	28.74 0.47 -2.30

NEG MILLWOOD___DRP 24198	40.64 1.98 -19.42	37.24 1.76 -18.09	32.34 1.71 -13.49	32.34 1.76 -13.12	34.02 1.80 -13.30	40.68 2.29 -14.35	53.70 3.26 -18.78	58.59 3.55 -23.92	57.68 3.55 -23.50	55.33 3.15 -24.31	54.60 3.38 -22.30	51.60 3.12 -20.84	48.51 2.60 -22.06	49.59 2.58 -24.13	50.12 2.46 -25.92	51.84 2.45 -27.70	60.54 3.15 -31.12	76.23 5.03 -31.90	73.05 4.43 -33.79	65.95 4.12 -29.14	61.77 3.49 -30.09	56.87 3.38 -26.00	55.14 2.41 -31.43	47.64 2.81 -18.86
NEG NORTH_FLCN_SEA 23793	18.29 -0.94 0.00	15.84 -0.97 0.58	16.18 -0.96 0.00	15.13 -0.98 1.36	16.23 -1.06 1.64	16.26 -1.32 6.45	27.15 -1.55 2.95	27.98 -1.46 1.69	28.00 -1.44 1.19	18.18 -1.51 8.18	23.96 -1.36 3.59	24.10 -1.35 2.19	22.75 -1.10 0.00	21.82 -1.05 0.00	18.58 -1.13 2.03	18.75 -1.11 1.84	25.07 -1.21 0.00	38.00 -1.30 0.00	33.24 -1.60 0.00	31.18 -1.50 0.00	26.89 -1.30 0.00	26.25 -1.24 0.00	20.26 -1.04 0.00	24.78 -1.19 0.00
NEG NORTH_KES_CHATEGAY 23792	18.04 -1.19 0.00	15.64 -1.18 0.57	15.98 -1.17 0.00	14.96 -1.17 1.33	16.05 -1.27 1.61	16.11 -1.59 6.34	26.82 -1.93 2.90	27.61 -1.87 1.66	27.65 -1.81 1.17	18.02 -1.81 8.04	23.68 -1.71 3.53	23.83 -1.66 2.15	22.47 -1.38 0.00	21.54 -1.33 0.00	18.38 -1.37 2.00	18.54 -1.34 1.81	24.75 -1.52 0.00	37.49 -1.81 0.00	32.82 -2.02 0.00	30.83 -1.86 0.00	26.58 -1.61 0.00	25.95 -1.54 0.00	20.04 -1.26 0.00	24.49 -1.48 0.00
NEG NORTH___ALICE_FALLS 23915	18.23 -1.00 0.00	15.77 -1.04 0.58	16.11 -1.03 0.00	15.06 -1.05 1.35	16.18 -1.12 1.63	16.19 -1.42 6.44	27.06 -1.65 2.95	27.89 -1.56 1.68	27.91 -1.53 1.19	18.09 -1.62 8.16	23.92 -1.42 3.58	24.05 -1.41 2.18	22.71 -1.14 0.00	21.77 -1.10 0.00	18.50 -1.22 2.03	18.68 -1.17 1.83	25.01 -1.26 0.00	38.04 -1.26 0.00	33.17 -1.67 0.00	31.15 -1.54 0.00	26.80 -1.38 0.00	26.20 -1.29 0.00	20.19 -1.11 0.00	24.70 -1.27 0.00
NEG NORTH___LWR_SARANAC 23913	18.23 -1.00 0.00	15.77 -1.04 0.58	16.11 -1.03 0.00	15.06 -1.05 1.35	16.18 -1.12 1.63	16.19 -1.42 6.44	27.06 -1.65 2.95	27.89 -1.56 1.68	27.91 -1.53 1.19	18.09 -1.62 8.16	23.92 -1.42 3.58	24.05 -1.41 2.18	22.71 -1.14 0.00	21.77 -1.10 0.00	18.50 -1.22 2.03	18.68 -1.17 1.83	25.01 -1.26 0.00	38.04 -1.26 0.00	33.17 -1.67 0.00	31.15 -1.54 0.00	26.80 -1.38 0.00	26.20 -1.29 0.00	20.19 -1.11 0.00	24.70 -1.27 0.00
NEG NORTH___PLATTSBURG 23628	18.23 -1.00 0.00	15.77 -1.04 0.58	16.11 -1.03 0.00	15.06 -1.05 1.35	16.18 -1.12 1.63	16.19 -1.42 6.44	27.06 -1.65 2.95	27.89 -1.56 1.68	27.91 -1.53 1.19	18.09 -1.62 8.16	23.92 -1.42 3.58	24.05 -1.41 2.18	22.71 -1.14 0.00	21.77 -1.10 0.00	18.50 -1.22 2.03	18.68 -1.17 1.83	25.01 -1.26 0.00	38.04 -1.26 0.00	33.17 -1.67 0.00	31.15 -1.54 0.00	26.80 -1.38 0.00	26.20 -1.29 0.00	20.19 -1.11 0.00	24.70 -1.27 0.00
NEG WEST_LEA_LOCKPORT 23791	21.46 -0.56 -2.78	19.56 -0.42 -2.59	18.81 -0.26 -1.93	18.94 -0.40 -1.87	20.41 -0.42 -1.90	25.18 -0.91 -2.05	33.28 -1.49 -3.11	33.77 -1.65 -4.29	33.09 -1.68 -4.15	30.70 -1.42 -4.25	31.88 -1.36 -4.32	29.55 -1.74 -3.65	25.96 -1.38 -3.50	25.43 -1.26 -3.82	24.61 -1.15 -4.03	24.92 -1.17 -4.40	29.51 -1.58 -4.81	42.37 -2.79 -5.86	38.80 -2.13 -6.08	36.14 -1.90 -5.35	31.20 -1.72 -4.74	29.82 -1.62 -3.95	24.82 -1.17 -4.69	27.31 -1.38 -2.71
NEG WEST___LANCASTR 23811	22.93 0.38 -3.31	20.89 0.42 -3.08	19.99 0.55 -2.30	20.12 0.42 -2.24	21.67 0.47 -2.27	26.73 0.24 -2.45	50.07 0.00 -18.41	66.28 -0.03 -35.19	62.53 -0.06 -31.96	59.38 -0.03 -31.54	73.21 0.06 -44.24	54.74 -0.25 -27.35	39.58 -0.14 -15.87	40.00 -0.07 -17.20	37.42 -0.04 -15.72	41.68 -0.09 -20.08	45.81 -0.21 -19.75	92.18 -0.63 -53.51	86.72 -0.21 -52.09	81.07 -0.10 -48.48	50.18 -0.20 -22.19	41.55 -0.08 -14.14	35.16 0.00 -13.86	31.05 0.21 -4.87
NEG_PENN_ALLEGHNY 23528	26.26 0.75 -6.28	23.95 0.71 -5.85	22.20 0.70 -4.36	22.42 0.72 -4.24	24.02 0.79 -4.30	29.66 0.99 -4.64	39.99 1.30 -7.03	42.17 1.34 -9.70	41.16 1.16 -9.37	38.50 1.03 -9.59	39.84 1.16 -9.77	36.99 1.11 -8.24	32.63 0.88 -7.90	32.34 0.85 -8.63	31.61 0.78 -9.09	32.37 0.76 -9.93	38.08 0.94 -10.86	53.91 1.37 -13.23	49.89 1.32 -13.73	45.97 1.21 -12.07	39.89 1.01 -10.69	37.40 0.99 -8.92	32.64 0.77 -10.58	33.11 1.01 -6.13
NEG___GEN_MONROE 24207	21.30 -0.25 -2.31	19.40 -0.14 -2.16	18.66 -0.09 -1.61	18.88 -0.14 -1.56	20.39 -0.11 -1.58	25.44 -0.31 -1.71	32.25 -0.57 -1.16	31.40 -0.37 -0.65	31.05 -0.40 -0.82	28.52 -0.31 -0.95	28.33 -0.38 0.21	27.77 -0.66 -0.80	25.24 -0.38 -1.77	24.43 -0.39 -1.95	23.68 -0.35 -2.29	23.53 -0.37 -2.21	28.44 -0.47 -2.64	38.74 -0.90 -0.34	34.97 -0.56 -0.69	32.57 -0.46 -0.34	30.01 -0.51 -2.33	29.31 -0.55 -2.37	23.95 -0.45 -3.09	27.50 -0.57 -2.10
NEPA___ENERGY 23901	22.56 0.19 -3.13	20.55 0.24 -2.92	19.73 0.41 -2.18	19.84 0.26 -2.12	21.39 0.32 -2.15	26.40 0.05 -2.32	47.47 -0.22 -16.03	61.43 -0.15 -30.46	58.08 -0.25 -27.70	55.11 -0.11 -27.35	67.11 0.03 -38.17	50.96 -0.39 -23.71	37.53 -0.24 -13.92	37.79 -0.16 -15.08	35.46 -0.13 -13.85	39.14 -0.15 -17.60	43.30 -0.34 -17.37	84.68 -0.86 -46.25	79.52 -0.38 -45.06	74.30 -0.29 -41.91	47.23 -0.39 -19.44	39.71 -0.27 -12.49	33.49 -0.15 -12.34	30.33 -0.10 -4.46
NEVERSINK___HYD 23608	37.84 1.37 -17.24	34.66 1.22 -16.05	30.33 1.22 -11.97	30.36 1.26 -11.64	32.01 1.29 -11.80	38.43 1.66 -12.73	50.54 2.22 -16.67	54.87 2.52 -21.22	53.90 2.42 -20.85	51.62 2.18 -21.57	50.99 2.28 -19.79	48.23 2.10 -18.49	45.12 1.69 -19.57	46.02 1.74 -21.42	46.39 1.65 -23.00	47.96 1.69 -24.58	55.77 2.23 -27.26	70.82 3.58 -27.95	67.64 3.20 -29.60	61.19 2.97 -25.53	57.05 2.51 -26.36	52.69 2.42 -22.78	50.48 1.64 -27.54	44.40 1.90 -16.53
NEWTON___FALLS_HYD 23847	18.35 -0.88 0.00	16.23 -0.85 0.30	16.30 -0.84 0.00	15.91 -0.84 0.71	17.20 -0.87 0.86	19.65 -1.01 3.39	28.97 -1.14 1.55	28.94 -1.31 0.88	28.78 -1.23 0.63	22.55 -1.03 4.29	25.82 -1.21 1.88	25.39 -1.11 1.15	22.87 -0.98 0.00	21.86 -1.01 0.00	19.70 -0.98 1.07	19.77 -0.95 0.97	25.22 -1.05 0.00	38.04 -1.26 0.00	33.52 -1.32 0.00	31.48 -1.21 0.00	27.11 -1.07 0.00	26.42 -1.07 0.00	20.36 -0.94 0.00	24.86 -1.12 0.00
NIAGARA_115E_LBMP 323715	21.09 -0.94 -2.79	19.21 -0.78 -2.60	18.48 -0.60 -1.93	18.57 -0.77 -1.88	20.02 -0.81 -1.91	24.68 -1.42 -2.06	27.97 -2.18 1.51	23.85 -2.12 5.17	24.19 -2.08 4.35	21.98 -1.81 4.08	19.23 -1.71 7.98	21.95 -2.10 3.59	21.96 -1.72 0.18	21.15 -1.58 0.15	20.89 -1.46 -0.61	19.98 -1.45 0.26	24.75 -1.94 -0.42	27.22 -3.30 8.78	24.27 -2.54 8.02	22.49 -2.29 7.91	25.65 -2.09 0.45	26.51 -1.98 -1.00	21.96 -1.45 -2.11	26.47 -1.72 -2.21
NIAGARA_115W_LBMP 323714	20.99 -1.10 -2.85	19.16 -0.89 -2.65	18.37 -0.75 -1.98	18.50 -0.89 -1.92	19.89 -0.98 -1.95	24.56 -1.59 -2.10	30.69 -2.47 -1.50	29.68 -2.40 -0.95	29.41 -2.36 -1.14	27.09 -2.09 -1.31	26.83 -2.02 0.06	26.39 -2.35 -1.10	24.16 -1.93 -2.24	23.55 -1.78 -2.46	22.96 -1.65 -2.87	22.82 -1.67 -2.80	27.41 -2.18 -3.32	36.30 -3.65 -0.66	33.02 -2.89 -1.08	30.71 -2.62 -0.64	28.77 -2.37 -2.95	28.20 -2.25 -2.97	23.51 -1.64 -3.85	26.59 -1.98 -2.59

NIAGARA_230_LBMP 323716	21.26 -0.79 -2.81	19.42 -0.59 -2.62	18.60 -0.50 -1.95	18.75 -0.61 -1.90	20.19 -0.66 -1.93	24.94 -1.18 -2.08	28.24 -1.93 1.49	24.15 -1.84 5.15	24.46 -1.84 4.33	22.19 -1.62 4.06	19.42 -1.53 7.96	22.19 -1.88 3.57	22.17 -1.53 0.16	21.35 -1.40 0.13	21.06 -1.30 -0.63	20.15 -1.30 0.24	24.98 -1.73 -0.44	27.55 -2.99 8.76	24.57 -2.26 8.00	22.77 -2.03 7.89	25.89 -1.86 0.43	26.72 -1.79 -1.02	22.13 -1.30 -2.13	26.70 -1.51 -2.23
NIAGARA____ 23760	21.09 -0.96 -2.82	19.21 -0.80 -2.63	18.46 -0.63 -1.96	18.58 -0.79 -1.90	20.00 -0.85 -1.93	24.68 -1.44 -2.08	29.07 -2.22 0.37	25.64 -2.06 3.44	25.78 -2.05 2.80	23.53 -1.81 2.54	21.64 -1.73 5.54	23.31 -2.07 2.25	22.68 -1.69 -0.53	21.94 -1.56 -0.63	21.58 -1.44 -1.28	20.89 -1.45 -0.65	25.60 -1.92 -1.24	30.00 -3.26 6.03	26.95 -2.51 5.38	24.97 -2.26 5.46	26.64 -2.06 -0.52	27.10 -1.95 -1.56	22.49 -1.43 -2.62	26.60 -1.72 -2.34
NINE_MILE_1 23575	20.02 -0.40 -1.19	18.15 -0.35 -1.11	17.63 -0.34 -0.83	17.92 -0.35 -0.81	19.36 -0.38 -0.82	24.44 -0.48 -0.88	31.99 -0.82 -1.15	31.73 -0.87 -1.47	31.18 -0.89 -1.44	28.56 -0.81 -1.49	29.44 -0.84 -1.37	28.09 -0.83 -1.28	24.49 -0.71 -1.36	23.67 -0.69 -1.48	22.70 -0.63 -1.59	22.76 -0.63 -1.70	27.38 -0.79 -1.89	40.01 -1.22 -1.93	35.85 -1.04 -2.05	33.48 -0.98 -1.77	29.17 -0.84 -1.83	28.24 -0.82 -1.58	22.59 -0.62 -1.91	26.42 -0.70 -1.15
NINE_MILE_2 23744	20.02 -0.40 -1.19	18.15 -0.35 -1.11	17.63 -0.34 -0.83	17.92 -0.35 -0.80	19.36 -0.38 -0.82	24.44 -0.48 -0.88	31.99 -0.82 -1.15	31.72 -0.87 -1.47	31.18 -0.89 -1.44	28.55 -0.81 -1.49	29.44 -0.84 -1.37	28.09 -0.83 -1.28	24.49 -0.71 -1.35	23.66 -0.69 -1.48	22.70 -0.63 -1.59	22.76 -0.63 -1.70	27.37 -0.79 -1.89	40.01 -1.22 -1.93	35.84 -1.04 -2.05	33.47 -0.98 -1.77	29.16 -0.84 -1.82	28.24 -0.82 -1.58	22.58 -0.62 -1.90	26.42 -0.70 -1.14
NM_CAPITAL____DRP 24208	45.34 1.31 -24.79	41.70 1.20 -23.11	35.56 1.20 -17.22	35.46 1.20 -16.79	37.30 1.34 -17.03	44.23 1.66 -18.53	58.04 2.31 -24.07	63.83 2.12 -30.58	62.87 2.21 -30.03	61.20 2.03 -31.29	59.46 1.97 -28.58	56.16 1.85 -26.67	53.60 1.60 -28.16	55.21 1.53 -30.81	56.35 1.46 -33.15	58.56 1.45 -35.42	67.00 1.66 -39.07	81.76 2.48 -39.98	79.46 2.20 -42.42	71.34 2.06 -36.59	67.72 1.75 -37.78	61.84 1.71 -32.64	62.17 1.41 -39.47	51.23 1.61 -23.65
NM_CENTRAL____DRP 24181	20.94 0.06 -1.65	19.01 0.09 -1.54	18.36 0.07 -1.15	18.66 0.09 -1.11	20.15 0.10 -1.13	25.38 0.12 -1.22	33.32 0.06 -1.59	33.25 0.09 -2.03	32.59 -0.03 -2.00	29.91 -0.03 -2.06	30.81 0.00 -1.89	29.41 0.00 -1.77	25.70 -0.02 -1.87	24.90 -0.02 -2.05	23.90 -0.04 -2.20	24.00 -0.04 -2.35	28.86 -0.03 -2.61	41.85 -0.12 -2.67	37.64 -0.03 -2.83	35.10 -0.03 -2.44	30.65 -0.06 -2.52	29.59 -0.08 -2.18	23.87 -0.06 -2.64	27.53 -0.03 -1.58
NM_FRONTIER____DRP 24179	20.99 -1.10 -2.85	19.16 -0.89 -2.65	18.37 -0.75 -1.98	18.50 -0.89 -1.92	19.89 -0.98 -1.95	24.56 -1.59 -2.10	30.69 -2.47 -1.50	29.68 -2.40 -0.95	29.41 -2.36 -1.14	27.09 -2.09 -1.31	26.83 -2.02 0.06	26.39 -2.35 -1.10	24.16 -1.93 -2.24	23.55 -1.78 -2.46	22.96 -1.65 -2.87	22.82 -1.67 -2.80	27.41 -2.18 -3.32	36.30 -3.65 -0.66	33.02 -2.89 -1.08	30.71 -2.62 -0.64	28.77 -2.37 -2.95	28.20 -2.25 -2.97	23.51 -1.64 -3.85	26.59 -1.98 -2.59
NM_ST_REGIS____HYD 24053	17.74 -1.50 0.00	15.45 -1.46 0.48	15.70 -1.44 0.00	14.90 -1.45 1.12	16.03 -1.55 1.34	16.81 -1.92 5.30	26.79 -2.44 2.43	27.28 -2.46 1.39	27.29 -2.36 0.98	19.03 -2.12 6.73	23.71 -2.26 2.95	23.72 -2.13 1.80	22.04 -1.81 0.00	21.09 -1.78 0.00	18.31 -1.76 1.67	18.44 -1.74 1.51	24.28 -2.00 0.00	36.82 -2.47 0.00	32.26 -2.58 0.00	30.27 -2.42 0.00	26.07 -2.11 0.00	25.46 -2.03 0.00	19.62 -1.68 0.00	23.97 -2.00 0.00
NORTHPORT____1 23551	41.45 2.64 -19.57	37.41 2.33 -17.69	32.75 2.40 -13.21	33.84 2.43 -13.95	34.18 2.42 -12.83	44.40 3.24 -17.12	59.77 4.37 -23.74	62.76 4.51 -27.12	61.66 4.50 -26.53	61.66 4.04 -29.75	61.74 4.19 -28.64	60.71 3.98 -29.09	58.85 3.46 -31.54	59.32 3.34 -33.11	59.88 3.17 -34.97	59.88 3.19 -35.00	69.67 3.89 -39.51	81.83 5.82 -36.71	83.95 5.12 -43.99	75.99 4.81 -38.50	73.41 4.14 -41.08	63.75 4.07 -32.19	58.85 3.15 -34.40	57.23 3.82 -27.44
NORTHPORT____2 23552	41.45 2.64 -19.57	37.41 2.33 -17.69	32.75 2.40 -13.21	33.84 2.43 -13.95	34.18 2.42 -12.83	44.40 3.24 -17.12	59.77 4.37 -23.74	62.76 4.51 -27.12	61.66 4.50 -26.53	61.66 4.04 -29.75	61.74 4.19 -28.64	60.71 3.98 -29.09	58.85 3.46 -31.54	59.32 3.34 -33.11	59.88 3.17 -34.97	59.88 3.19 -35.00	69.67 3.89 -39.51	81.83 5.82 -36.71	83.95 5.12 -43.99	75.99 4.81 -38.50	73.41 4.14 -41.08	63.75 4.07 -32.19	58.85 3.15 -34.40	57.23 3.82 -27.44
NORTHPORT____3 23553	41.47 2.67 -19.56	37.44 2.36 -17.68	32.70 2.35 -13.21	33.77 2.37 -13.93	34.12 2.37 -12.83	44.35 3.22 -17.09	59.80 4.43 -23.71	62.93 4.70 -27.10	61.79 4.65 -26.51	61.78 4.18 -29.73	61.93 4.39 -28.62	60.86 4.14 -29.07	58.91 3.53 -31.53	59.43 3.45 -33.11	59.97 3.28 -34.94	59.94 3.28 -34.98	69.82 4.04 -39.50	82.12 6.13 -36.70	84.19 5.40 -43.95	76.22 5.07 -38.46	73.59 4.34 -41.07	63.86 4.21 -32.17	58.88 3.19 -34.39	57.20 3.84 -27.39
NORTHPORT____4 23650	41.47 2.67 -19.56	37.44 2.36 -17.68	32.70 2.35 -13.21	33.77 2.37 -13.93	34.12 2.37 -12.83	44.35 3.22 -17.09	59.80 4.43 -23.71	62.93 4.70 -27.10	61.79 4.65 -26.51	61.78 4.18 -29.73	61.93 4.39 -28.62	60.86 4.14 -29.07	58.91 3.53 -31.53	59.43 3.45 -33.11	59.97 3.28 -34.94	59.94 3.28 -34.98	69.82 4.04 -39.50	82.12 6.13 -36.70	84.19 5.40 -43.95	76.22 5.07 -38.46	73.59 4.34 -41.07	63.86 4.21 -32.17	58.88 3.19 -34.39	57.20 3.84 -27.39
NORTHPORT____IC 23718	41.45 2.64 -19.57	37.41 2.33 -17.69	32.75 2.40 -13.21	33.84 2.43 -13.95	34.18 2.42 -12.83	44.40 3.24 -17.12	59.77 4.37 -23.74	62.76 4.51 -27.12	61.66 4.50 -26.53	61.66 4.04 -29.75	61.74 4.19 -28.64	60.71 3.98 -29.09	58.85 3.46 -31.54	59.32 3.34 -33.11	59.88 3.17 -34.97	59.88 3.19 -35.00	69.67 3.89 -39.51	81.83 5.82 -36.71	83.95 5.12 -43.99	75.99 4.81 -38.50	73.41 4.14 -41.08	63.75 4.07 -32.19	58.85 3.15 -34.40	57.23 3.82 -27.44
NPX_GEN_1385_PROXY 323591	41.29 2.48 -19.57	37.28 2.21 -17.69	33.01 2.66 -13.21	34.10 2.69 -13.95	34.46 2.71 -12.83	44.50 3.34 -17.12	59.51 4.11 -23.74	62.70 4.45 -27.12	61.44 4.29 -26.53	61.44 3.82 -29.75	61.54 3.99 -28.64	60.52 3.79 -29.09	58.49 3.10 -31.54	59.00 3.02 -33.11	59.62 2.91 -34.97	59.73 3.04 -35.00	69.78 3.99 -39.51	81.98 5.97 -36.71	83.95 5.12 -43.99	76.12 4.94 -38.50	73.47 4.20 -41.08	63.75 4.07 -32.19	58.87 3.17 -34.40	57.00 3.59 -27.44
NPX_GEN_CSC 323557	42.03 3.08 -19.72	37.86 2.75 -17.73	33.15 2.76 -13.25	34.41 2.81 -14.14	34.54 2.78 -12.83	45.04 3.77 -17.23	60.69 5.22 -23.81	63.98 5.48 -27.37	62.82 5.39 -26.80	62.71 4.82 -30.02	62.91 5.17 -28.82	61.76 4.84 -29.29	59.61 4.13 -31.63	60.09 4.03 -33.20	60.60 3.83 -35.04	60.60 3.84 -35.07	70.56 4.70 -39.59	83.25 6.99 -36.95	85.63 6.34 -44.45	77.52 5.92 -38.92	74.60 5.13 -41.29	64.97 5.00 -32.48	59.61 3.75 -34.56	57.92 4.49 -27.45

NSINS_S_GLNS_FALLS 23858	46.29 1.40 -25.65	42.62 1.32 -23.91	36.27 1.32 -17.81	36.17 1.33 -17.38	38.11 1.55 -17.63	45.08 1.83 -19.21	59.33 2.75 -24.92	65.27 2.49 -31.65	64.46 2.76 -31.08	62.92 2.62 -32.42	61.16 2.66 -29.59	57.65 2.40 -27.60	55.22 2.24 -29.12	56.80 2.06 -31.87	58.05 2.00 -34.31	60.32 1.97 -36.65	69.10 2.37 -40.46	84.07 3.58 -41.20	81.93 3.17 -43.92	73.55 2.97 -37.89	69.79 2.48 -39.12	63.77 2.48 -33.80	64.08 1.92 -40.87	52.47 2.13 -24.37
NUCOR_STEEL____DRP 24197	21.86 0.33 -2.29	19.85 0.33 -2.14	19.06 0.32 -1.59	19.34 0.33 -1.55	20.89 0.40 -1.57	26.22 0.48 -1.69	34.45 0.57 -2.22	34.61 0.65 -2.82	33.86 0.46 -2.77	31.13 0.39 -2.87	31.98 0.43 -2.63	30.54 0.44 -2.46	26.79 0.33 -2.60	26.02 0.30 -2.85	25.08 0.28 -3.06	25.22 0.26 -3.27	30.27 0.37 -3.63	43.53 0.51 -3.72	39.30 0.52 -3.94	36.54 0.46 -3.40	32.09 0.39 -3.51	30.85 0.33 -3.03	25.22 0.26 -3.67	28.56 0.39 -2.20
NYISO_LBMP_REFERENCE 24008	19.24 0.00 0.00	17.39 0.00 0.00	17.14 0.00 0.00	17.46 0.00 0.00	18.92 0.00 0.00	24.04 0.00 0.00	31.66 0.00 0.00	31.13 0.00 0.00	30.63 0.00 0.00	27.87 0.00 0.00	28.91 0.00 0.00	27.64 0.00 0.00	23.85 0.00 0.00	22.87 0.00 0.00	21.74 0.00 0.00	21.69 0.00 0.00	26.28 0.00 0.00	39.30 0.00 0.00	34.84 0.00 0.00	32.69 0.00 0.00	28.18 0.00 0.00	27.49 0.00 0.00	21.30 0.00 0.00	25.97 0.00 0.00
NYPA_BRENTWD____GT 24164	42.04 2.88 -19.92	37.74 2.57 -17.78	33.04 2.60 -13.30	34.50 2.64 -14.40	34.39 2.63 -12.83	44.98 3.56 -17.39	60.45 4.87 -23.92	63.98 5.11 -27.74	62.87 5.05 -27.19	62.83 4.54 -30.41	62.77 4.77 -29.09	61.72 4.51 -29.58	59.48 3.86 -31.76	59.95 3.75 -33.33	60.44 3.57 -35.14	60.44 3.58 -35.17	70.41 4.44 -39.70	83.12 6.53 -37.30	85.74 5.78 -45.12	77.61 5.39 -39.53	74.40 4.62 -41.59	65.00 4.62 -32.89	59.61 3.51 -34.79	57.65 4.21 -27.47
NYPA_GOWANUS____GT5 24156	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NYPA_GOWANUS____GT6 24157	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27
NYPA_HARLEM__RVR_GT1 24160	40.24 2.25 -18.75	36.84 1.98 -17.47	32.10 1.94 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.13 3.35 -18.12	58.05 3.83 -23.09	57.11 3.80 -22.69	54.74 3.40 -23.46	54.80 3.82 -22.07	52.16 3.62 -20.90	49.28 3.10 -22.33	49.81 3.02 -23.92	50.12 2.82 -25.56	51.71 2.84 -27.18	60.47 3.47 -30.73	75.38 5.19 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.47 2.73 -30.44	47.54 3.30 -18.27
NYPA_HARLEM__RVR_GT2 24161	40.24 2.25 -18.75	36.84 1.98 -17.47	32.10 1.94 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.13 3.35 -18.12	58.05 3.83 -23.09	57.11 3.80 -22.69	54.74 3.40 -23.46	54.80 3.82 -22.07	52.16 3.62 -20.90	49.28 3.10 -22.33	49.81 3.02 -23.92	50.12 2.82 -25.56	51.71 2.84 -27.18	60.47 3.47 -30.73	75.38 5.19 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.47 2.73 -30.44	47.54 3.30 -18.27
NYPA_KENT____GT 24152	40.28 2.29 -18.75	36.87 2.02 -17.47	32.14 1.97 -13.02	32.12 1.99 -12.67	33.87 2.10 -12.85	40.51 2.62 -13.85	53.49 3.70 -18.13	58.27 4.04 -23.10	57.31 3.98 -22.70	54.92 3.57 -23.48	54.99 3.88 -22.20	53.50 3.65 -22.21	52.89 3.10 -25.94	49.98 3.04 -24.07	50.30 2.87 -25.69	51.86 2.89 -27.29	60.70 3.55 -30.87	75.63 5.42 -30.91	72.34 4.77 -32.73	65.40 4.48 -28.24	61.17 3.83 -29.15	56.41 3.74 -25.18	54.55 2.81 -30.44	47.60 3.35 -18.27
NYPA_POUCH1____GT 24155	40.32 2.33 -18.75	36.91 2.05 -17.47	32.15 1.99 -13.02	32.16 2.02 -12.67	33.91 2.14 -12.85	40.51 2.62 -13.85	53.46 3.67 -18.13	58.25 4.02 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.90 3.73 -22.26	53.54 3.51 -22.39	53.17 2.98 -26.34	49.93 2.93 -24.14	50.24 2.76 -25.74	51.80 2.78 -27.33	60.65 3.44 -30.93	75.59 5.38 -30.91	72.34 4.77 -32.73	65.37 4.44 -28.24	61.14 3.80 -29.15	56.41 3.74 -25.18	54.57 2.83 -30.44	47.62 3.38 -18.27
NYPA_VERNON____GT2 24162	40.22 2.23 -18.76	36.82 1.96 -17.47	32.09 1.92 -13.03	32.07 1.94 -12.67	33.81 2.04 -12.85	40.49 2.60 -13.85	53.42 3.64 -18.13	58.25 4.02 -23.10	57.31 3.98 -22.70	54.92 3.57 -23.48	54.99 3.88 -22.20	53.50 3.65 -22.21	52.92 3.12 -25.94	50.01 3.07 -24.07	50.30 2.87 -25.69	51.86 2.89 -27.29	60.67 3.52 -30.87	75.55 5.34 -30.91	72.27 4.70 -32.73	65.33 4.41 -28.24	61.12 3.78 -29.15	56.35 3.68 -25.18	54.49 2.75 -30.44	47.55 3.30 -18.27
NYPA_VERNON____GT3 24163	40.22 2.23 -18.76	36.82 1.96 -17.47	32.09 1.92 -13.03	32.07 1.94 -12.67	33.81 2.04 -12.85	40.49 2.60 -13.85	53.42 3.64 -18.13	58.25 4.02 -23.10	57.31 3.98 -22.70	54.92 3.57 -23.48	54.99 3.88 -22.20	53.50 3.65 -22.21	52.92 3.12 -25.94	50.01 3.07 -24.07	50.30 2.87 -25.69	51.86 2.89 -27.29	60.67 3.52 -30.87	75.55 5.34 -30.91	72.27 4.70 -32.73	65.33 4.41 -28.24	61.12 3.78 -29.15	56.35 3.68 -25.18	54.49 2.75 -30.44	47.55 3.30 -18.27
NYPA__ASTORIA_CC1 323568	40.22 2.23 -18.75	36.82 1.96 -17.47	32.09 1.92 -13.02	32.07 1.94 -12.67	33.81 2.04 -12.85	40.47 2.57 -13.85	53.39 3.61 -18.13	58.21 3.99 -23.10	57.28 3.95 -22.70	54.89 3.54 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.98 3.04 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.64 3.50 -30.87	75.51 5.30 -30.91	72.24 4.67 -32.73	65.30 4.38 -28.24	61.09 3.75 -29.15	56.33 3.66 -25.18	54.47 2.73 -30.44	47.52 3.27 -18.27
NYPA__ASTORIA_CC2 323569	40.22 2.23 -18.75	36.82 1.96 -17.47	32.09 1.92 -13.02	32.07 1.94 -12.67	33.81 2.04 -12.85	40.47 2.57 -13.85	53.39 3.61 -18.13	58.21 3.99 -23.10	57.28 3.95 -22.70	54.89 3.54 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.98 3.04 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.64 3.50 -30.87	75.51 5.30 -30.91	72.24 4.67 -32.73	65.30 4.38 -28.24	61.09 3.75 -29.15	56.33 3.66 -25.18	54.47 2.73 -30.44	47.52 3.27 -18.27
NYPA__HOLTSVILL 23794	41.84 2.90 -19.70	37.70 2.59 -17.72	32.99 2.60 -13.24	34.23 2.65 -14.12	34.39 2.63 -12.83	44.82 3.56 -17.22	60.34 4.87 -23.81	63.61 5.13 -27.35	62.49 5.09 -26.77	62.41 4.54 -29.99	62.54 4.83 -28.80	61.44 4.53 -29.27	59.34 3.86 -31.62	59.83 3.77 -33.19	60.36 3.59 -35.03	60.36 3.60 -35.06	70.29 4.44 -39.58	82.79 6.56 -36.93	85.10 5.85 -44.41	77.06 5.49 -38.88	74.22 4.76 -41.27	64.59 4.65 -32.45	59.36 3.51 -34.55	57.63 4.21 -27.45

NYPY____HELLGATE_GT1 24158	40.24 2.25 -18.75	36.84 1.98 -17.47	32.10 1.94 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.13 3.35 -18.12	58.05 3.83 -23.09	57.11 3.80 -22.69	54.74 3.40 -23.46	54.80 3.82 -22.07	53.98 3.62 -22.73	54.77 3.10 -27.82	49.81 3.02 -23.92	50.12 2.82 -25.56	51.71 2.84 -27.18	60.47 3.47 -30.73	75.38 5.19 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.47 2.73 -30.44	47.54 3.30 -18.27
NYPY____HELLGATE_GT2 24159	40.24 2.25 -18.75	36.84 1.98 -17.47	32.10 1.94 -13.02	32.10 1.97 -12.67	33.85 2.08 -12.85	40.44 2.55 -13.85	53.13 3.35 -18.12	58.05 3.83 -23.09	57.11 3.80 -22.69	54.74 3.40 -23.46	54.80 3.82 -22.07	53.98 3.62 -22.73	54.77 3.10 -27.82	49.81 3.02 -23.92	50.12 2.82 -25.56	51.71 2.84 -27.18	60.47 3.47 -30.73	75.38 5.19 -30.90	72.08 4.53 -32.72	65.13 4.22 -28.22	60.96 3.64 -29.14	56.22 3.55 -25.18	54.47 2.73 -30.44	47.54 3.30 -18.27
NYS_BARGE___HYD 23848	21.43 -0.56 -2.75	19.53 -0.42 -2.56	18.79 -0.26 -1.91	18.92 -0.40 -1.85	20.37 -0.43 -1.88	25.16 -0.91 -2.03	32.20 -1.49 -2.02	31.66 -1.56 -2.09	31.23 -1.56 -2.16	28.84 -1.34 -2.30	29.14 -1.24 -1.47	27.94 -1.66 -1.96	25.18 -1.29 -2.62	24.55 -1.19 -2.87	23.86 -1.09 -3.20	23.89 -1.08 -3.29	28.54 -1.50 -3.76	39.12 -2.63 -2.46	35.69 -1.95 -2.80	33.19 -1.77 -2.27	30.05 -1.64 -3.50	29.19 -1.54 -3.24	24.24 -1.11 -4.05	27.25 -1.30 -2.57
O.H_GEN_BRUCE 24063	21.73 -0.58 -3.07	19.83 -0.42 -2.86	18.95 -0.33 -2.13	19.12 -0.42 -2.08	20.56 -0.47 -2.10	25.40 -0.91 -2.27	30.45 -1.55 -0.35	28.05 -1.49 1.59	28.02 -1.50 1.11	25.65 -1.34 0.88	24.16 -1.30 3.45	25.26 -1.57 0.81	23.98 -1.26 -1.40	23.26 -1.17 -1.56	22.82 -1.06 -2.15	22.34 -1.08 -1.73	27.20 -1.45 -2.37	33.46 -2.52 3.32	30.24 -1.88 2.72	28.06 -1.67 2.96	28.39 -1.55 -1.75	28.44 -1.43 -2.38	23.69 -1.04 -3.44	27.49 -1.14 -2.66
OAK ORCHARD___HYD 24046	21.34 -0.19 -2.29	19.42 -0.10 -2.14	18.67 -0.07 -1.59	18.91 -0.10 -1.55	20.40 -0.09 -1.57	25.42 -0.31 -1.69	32.17 -0.60 -1.12	31.39 -0.31 -0.57	30.98 -0.40 -0.75	28.43 -0.33 -0.89	28.22 -0.40 0.29	27.72 -0.66 -0.74	25.17 -0.41 -1.73	24.38 -0.39 -1.90	23.63 -0.35 -2.24	23.50 -0.35 -2.16	28.44 -0.42 -2.58	38.67 -0.86 -0.24	34.90 -0.52 -0.59	32.48 -0.46 -0.25	29.98 -0.48 -2.27	29.32 -0.49 -2.33	23.98 -0.36 -3.05	27.58 -0.47 -2.08
OCC_CHEM___DRP 24175	21.07 -1.02 -2.85	19.25 -0.80 -2.66	18.44 -0.69 -1.98	18.59 -0.80 -1.93	19.99 -0.89 -1.95	24.66 -1.49 -2.11	31.18 -2.34 -1.87	30.58 -2.24 -1.69	30.21 -2.23 -1.81	27.89 -1.95 -1.96	27.94 -1.88 -0.91	27.09 -2.21 -1.67	24.57 -1.81 -2.53	23.98 -1.67 -2.78	23.34 -1.54 -3.14	23.30 -1.56 -3.17	27.87 -2.08 -3.67	37.61 -3.50 -1.81	34.31 -2.72 -2.19	31.88 -2.49 -1.68	29.29 -2.26 -3.37	28.55 -2.14 -3.20	23.81 -1.55 -4.06	26.77 -1.84 -2.64
OLIN_CORP_DRP 24177	21.42 -0.87 -3.05	19.53 -0.70 -2.84	18.74 -0.53 -2.13	18.86 -0.68 -2.08	20.31 -0.72 -2.10	24.99 -1.32 -2.27	96.90 -2.03 -67.27	164.50 -1.96 -135.34	150.65 -1.93 -121.95	145.87 -1.70 -119.69	201.84 -1.59 -174.52	129.59 -1.96 -103.91	76.96 -1.60 -54.70	80.55 -1.46 -59.14	72.28 -1.35 -51.89	89.63 -1.37 -69.30	90.66 -1.81 -66.19	244.72 -3.15 -208.57	233.94 -2.37 -201.48	219.35 -2.16 -188.82	103.31 -1.97 -77.10	70.96 -1.87 -45.34	61.09 -1.34 -41.13	34.50 -1.59 -10.11
OLIN_CORP_DSASP 323712	21.07 -1.02 -2.85	19.25 -0.80 -2.66	18.44 -0.69 -1.98	18.59 -0.80 -1.93	19.99 -0.89 -1.95	24.66 -1.49 -2.11	31.18 -2.34 -1.87	30.58 -2.24 -1.69	30.21 -2.23 -1.81	27.89 -1.95 -1.96	27.94 -1.88 -0.91	27.09 -2.21 -1.67	24.57 -1.81 -2.53	23.98 -1.67 -2.78	23.34 -1.54 -3.14	23.30 -1.56 -3.17	27.87 -2.08 -3.67	37.61 -3.50 -1.81	34.31 -2.72 -2.19	31.88 -2.49 -1.68	29.29 -2.26 -3.37	28.55 -2.14 -3.20	23.81 -1.55 -4.06	26.77 -1.84 -2.64
ONEIDA_HERK_LFGE 323681	19.70 0.46 0.00	17.75 0.40 0.04	17.54 0.39 0.00	17.79 0.42 0.09	19.33 0.51 0.10	24.35 0.72 0.41	32.64 1.17 0.19	32.02 1.00 0.11	31.59 1.04 0.08	28.38 1.03 0.52	29.61 0.92 0.23	28.44 0.94 0.14	24.59 0.74 0.00	23.51 0.64 0.00	22.22 0.61 0.13	22.22 0.65 0.12	27.12 0.84 0.00	40.71 1.41 0.00	36.06 1.22 0.00	33.83 1.14 0.00	29.11 0.93 0.00	28.37 0.88 0.00	21.92 0.62 0.00	26.73 0.75 0.00
ONONDAGA_REF_OCCRA 23987	21.48 0.21 -2.04	19.51 0.23 -1.90	18.76 0.21 -1.41	19.05 0.21 -1.37	20.56 0.25 -1.39	25.86 0.31 -1.50	33.97 0.35 -1.97	34.01 0.37 -2.51	33.33 0.24 -2.46	30.64 0.22 -2.55	31.51 0.26 -2.34	30.07 0.25 -2.18	26.35 0.19 -2.31	25.56 0.16 -2.53	24.61 0.15 -2.72	24.72 0.13 -2.90	29.71 0.21 -3.22	42.87 0.28 -3.30	38.65 0.31 -3.50	35.96 0.26 -3.02	31.50 0.20 -3.12	30.35 0.17 -2.69	24.68 0.13 -3.25	28.13 0.21 -1.95
ONONDAGA___COGEN 23986	21.29 0.15 -1.90	19.33 0.17 -1.77	18.62 0.15 -1.32	18.92 0.17 -1.28	20.43 0.21 -1.30	25.68 0.24 -1.40	33.72 0.22 -1.84	33.71 0.25 -2.34	33.02 0.09 -2.30	30.33 0.08 -2.38	31.21 0.12 -2.18	29.82 0.14 -2.04	26.08 0.07 -2.16	25.30 0.07 -2.36	24.32 0.04 -2.53	24.44 0.04 -2.71	29.36 0.08 -3.01	42.45 0.08 -3.08	38.24 0.14 -3.26	35.60 0.10 -2.81	31.17 0.08 -2.91	30.06 0.06 -2.51	24.38 0.04 -3.04	27.90 0.10 -1.82
ONTARIO___LFGE 23819	22.35 0.38 -2.73	20.31 0.38 -2.54	19.43 0.39 -1.90	19.71 0.40 -1.84	21.28 0.49 -1.87	26.56 0.51 -2.02	34.96 0.67 -2.64	35.14 0.65 -3.36	34.05 0.12 -3.30	31.43 0.14 -3.42	32.19 0.15 -3.13	30.96 0.39 -2.93	27.24 0.29 -3.10	26.54 0.28 -3.39	25.62 0.24 -3.64	25.80 0.22 -3.89	30.91 0.32 -4.32	43.73 0.00 -4.43	39.71 0.18 -4.69	36.87 0.13 -4.05	32.65 0.28 -4.18	31.40 0.30 -3.61	25.90 0.23 -4.37	28.93 0.34 -2.62
ORANGEVILLE_WT_PWR 323706	22.81 0.10 -3.47	20.78 0.16 -3.24	19.83 0.27 -2.41	19.98 0.17 -2.35	21.51 0.21 -2.38	26.59 -0.02 -2.57	43.10 -0.29 -11.73	52.28 -0.25 -21.40	49.88 -0.34 -19.59	47.05 -0.25 -19.43	55.01 -0.14 -26.24	44.05 -0.41 -16.82	34.15 -0.31 -10.61	34.14 -0.25 -11.52	32.38 -0.22 -10.86	34.86 -0.24 -13.41	39.37 -0.39 -13.49	70.53 -0.90 -32.13	65.86 -0.49 -31.51	61.43 -0.39 -29.13	42.51 -0.42 -14.75	37.10 -0.36 -9.97	31.38 -0.19 -10.28	30.11 -0.13 -4.27
OSWEGATCHIE___HYD 24044	18.35 -0.88 0.00	16.23 -0.85 0.30	16.30 -0.84 0.00	15.91 -0.84 0.71	17.20 -0.87 0.86	19.65 -1.01 3.39	28.97 -1.14 1.55	28.94 -1.31 0.88	28.78 -1.23 0.63	22.55 -1.03 4.29	25.82 -1.21 1.88	25.39 -1.11 1.15	22.87 -0.98 0.00	21.86 -1.01 0.00	19.70 -0.98 1.07	19.77 -0.95 0.97	25.22 -1.05 0.00	38.04 -1.26 0.00	33.52 -1.32 0.00	31.48 -1.21 0.00	27.11 -1.07 0.00	26.42 -1.07 0.00	20.36 -0.94 0.00	24.86 -1.12 0.00
OSWEGO___5 23606	20.36 -0.25 -1.37	18.46 -0.21 -1.28	17.89 -0.20 -0.95	18.18 -0.21 -0.93	19.64 -0.23 -0.94	24.74 -0.31 -1.01	32.45 -0.54 -1.33	32.26 -0.56 -1.69	31.68 -0.61 -1.66	29.03 -0.56 -1.72	29.91 -0.58 -1.58	28.56 -0.55 -1.47	24.93 -0.48 -1.56	24.09 -0.48 -1.71	23.14 -0.43 -1.83	23.22 -0.43 -1.96	27.92 -0.53 -2.17	40.66 -0.86 -2.23	36.50 -0.70 -2.36	34.03 -0.69 -2.04	29.69 -0.59 -2.10	28.73 -0.58 -1.82	23.07 -0.43 -2.20	26.80 -0.49 -1.32

OSWEGO___6 23613	20.36 -0.25 -1.37	18.46 -0.21 -1.28	17.89 -0.20 -0.95	18.18 -0.21 -0.93	19.64 -0.23 -0.94	24.74 -0.31 -1.01	32.45 -0.54 -1.33	32.26 -0.56 -1.69	31.68 -0.61 -1.66	29.03 -0.56 -1.72	29.91 -0.58 -1.58	28.56 -0.55 -1.47	24.93 -0.48 -1.56	24.09 -0.48 -1.71	23.14 -0.43 -1.83	23.22 -0.43 -1.96	27.92 -0.53 -2.17	40.66 -0.86 -2.23	36.50 -0.70 -2.36	34.03 -0.69 -2.04	29.69 -0.59 -2.10	28.73 -0.58 -1.82	23.07 -0.43 -2.20	26.80 -0.49 -1.32
OUTOKUMPU-AB___DRP 24206	21.85 -0.29 -2.90	19.92 -0.17 -2.70	19.14 -0.02 -2.02	19.26 -0.16 -1.96	20.74 -0.17 -1.99	25.59 -0.60 -2.14	37.16 -1.11 -6.61	41.42 -1.06 -11.35	40.09 -1.04 -10.50	37.49 -0.86 -10.48	41.60 -0.75 -13.44	35.51 -1.19 -9.06	29.27 -0.91 -6.32	28.95 -0.80 -6.88	27.72 -0.72 -6.70	28.93 -0.74 -7.98	33.32 -1.18 -8.23	53.88 -2.16 -16.74	49.90 -1.53 -16.59	46.54 -1.34 -15.20	35.62 -1.30 -8.73	32.59 -1.18 -6.28	27.34 -0.75 -6.79	28.30 -0.88 -3.21
OXBOW___ 24026	21.52 -0.60 -2.88	19.62 -0.45 -2.68	18.83 -0.31 -2.00	18.95 -0.45 -1.94	20.40 -0.49 -1.97	25.18 -0.99 -2.13	34.27 -1.65 -4.26	36.12 -1.59 -6.57	35.27 -1.56 -6.20	32.81 -1.34 -6.27	34.91 -1.24 -7.24	31.41 -1.63 -5.40	27.01 -1.29 -4.45	26.55 -1.17 -4.85	25.60 -1.09 -4.94	26.19 -1.11 -5.60	30.70 -1.55 -5.97	45.95 -2.71 -9.36	42.28 -2.02 -9.47	39.37 -1.83 -8.51	32.57 -1.69 -6.08	30.65 -1.60 -4.76	25.65 -1.09 -5.44	27.60 -1.30 -2.93
OXY_CHEM_DSASP 323612	21.07 -1.02 -2.85	19.25 -0.80 -2.66	18.44 -0.69 -1.98	18.59 -0.80 -1.93	19.99 -0.89 -1.95	24.66 -1.49 -2.11	31.18 -2.34 -1.87	30.58 -2.24 -1.69	30.21 -2.23 -1.81	27.89 -1.95 -1.96	27.94 -1.88 -0.91	27.09 -2.21 -1.67	24.57 -1.81 -2.53	23.98 -1.67 -2.78	23.34 -1.54 -3.14	23.30 -1.56 -3.17	27.87 -2.08 -3.67	37.61 -3.50 -1.81	34.31 -2.72 -2.19	31.88 -2.49 -1.68	29.29 -2.26 -3.37	28.55 -2.14 -3.20	23.81 -1.55 -4.06	26.77 -1.84 -2.64
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.07 -1.02 -2.85	19.25 -0.80 -2.66	18.44 -0.69 -1.98	18.59 -0.80 -1.93	19.99 -0.89 -1.95	24.66 -1.49 -2.11	31.18 -2.34 -1.87	30.58 -2.24 -1.69	30.21 -2.23 -1.81	27.89 -1.95 -1.96	27.94 -1.88 -0.91	27.09 -2.21 -1.67	24.57 -1.81 -2.53	23.98 -1.67 -2.78	23.34 -1.54 -3.14	23.30 -1.56 -3.17	27.87 -2.08 -3.67	37.61 -3.50 -1.81	34.31 -2.72 -2.19	31.88 -2.49 -1.68	29.29 -2.26 -3.37	28.55 -2.14 -3.20	23.81 -1.55 -4.06	26.77 -1.84 -2.64
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.22 2.23 -18.75	36.82 1.96 -17.47	32.09 1.92 -13.02	32.09 1.96 -12.67	33.83 2.06 -12.85	40.42 2.52 -13.85	53.23 3.45 -18.12	58.05 3.83 -23.09	57.11 3.80 -22.69	54.74 3.40 -23.46	54.68 3.70 -22.07	51.93 3.48 -20.81	48.87 2.98 -22.04	49.69 2.90 -23.92	50.04 2.74 -25.56	51.62 2.76 -27.18	60.37 3.36 -30.73	75.30 5.11 -30.90	72.05 4.50 -32.72	65.13 4.22 -28.22	60.94 3.61 -29.14	56.19 3.52 -25.18	54.40 2.66 -30.44	47.46 3.22 -18.27
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.30 2.31 -18.75	36.89 2.03 -17.47	32.15 1.99 -13.02	32.14 2.01 -12.67	33.89 2.12 -12.85	40.49 2.60 -13.85	53.35 3.58 -18.12	58.20 3.99 -23.09	57.27 3.95 -22.69	54.88 3.54 -23.46	54.83 3.85 -22.07	52.07 3.62 -20.81	48.97 3.08 -22.04	49.81 3.02 -23.92	50.14 2.85 -25.56	51.71 2.84 -27.18	60.47 3.47 -30.73	75.50 5.30 -30.90	72.26 4.70 -32.72	65.32 4.41 -28.22	61.10 3.78 -29.14	56.35 3.68 -25.18	54.51 2.77 -30.44	47.60 3.35 -18.27
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.77 0.33 -3.21	20.75 0.37 -2.99	19.89 0.51 -2.24	20.00 0.37 -2.17	21.56 0.44 -2.20	26.59 0.17 -2.38	55.00 -0.06 -23.41	76.55 -0.06 -45.49	71.78 -0.06 -41.21	68.44 -0.03 -40.60	86.67 0.09 -57.67	62.58 -0.28 -35.21	43.53 -0.14 -19.82	44.26 -0.07 -21.46	41.08 -0.04 -19.38	46.69 -0.09 -25.08	50.52 -0.21 -24.46	108.11 -0.67 -69.48	102.06 -0.24 -67.46	95.49 -0.13 -62.94	55.74 -0.23 -27.78	44.64 -0.14 -17.29	37.86 -0.02 -16.58	31.43 0.10 -5.35
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.64 1.98 -19.42	37.24 1.76 -18.09	32.34 1.71 -13.49	32.34 1.76 -13.12	34.02 1.80 -13.30	40.68 2.29 -14.35	53.70 3.26 -18.78	58.59 3.55 -23.92	57.68 3.55 -23.50	55.33 3.15 -24.31	54.60 3.38 -22.30	51.60 3.12 -20.84	48.51 2.60 -22.06	49.59 2.58 -24.13	50.12 2.46 -25.92	51.84 2.45 -27.70	60.54 3.15 -31.12	76.23 5.03 -31.90	73.05 4.43 -33.79	65.95 4.12 -29.14	61.77 3.49 -30.09	56.87 3.38 -26.00	55.14 2.41 -31.43	47.64 2.81 -18.86
PEEKSKILL___ 23653	39.59 1.77 -18.58	36.27 1.57 -17.31	31.57 1.53 -12.90	31.57 1.55 -12.55	33.26 1.61 -12.73	39.86 2.09 -13.73	52.60 2.97 -17.97	57.28 3.27 -22.88	56.36 3.25 -22.48	54.03 2.90 -23.25	53.43 3.18 -21.34	50.56 2.99 -19.94	47.48 2.53 -21.10	48.45 2.49 -23.09	48.89 2.35 -24.80	50.56 2.36 -26.50	59.04 2.89 -29.87	74.36 4.44 -30.63	71.17 3.90 -32.43	64.29 3.63 -27.98	60.20 3.13 -28.89	55.47 3.02 -24.96	53.67 2.19 -30.18	46.70 2.62 -18.11
PGE MADISON___WINDPWR 24146	27.19 2.04 -5.92	24.74 1.84 -5.51	23.07 1.82 -4.11	23.36 1.90 -4.00	25.11 2.14 -4.05	31.27 2.86 -4.37	41.78 4.40 -5.72	42.46 4.04 -7.28	41.76 3.98 -7.16	38.98 3.71 -7.40	39.29 3.58 -6.79	37.55 3.57 -6.35	33.48 2.91 -6.72	32.85 2.63 -7.35	32.09 2.46 -7.89	32.69 2.56 -8.44	38.87 3.23 -9.36	53.99 5.11 -9.59	49.53 4.53 -10.17	45.70 4.25 -8.77	40.79 3.55 -9.06	38.69 3.38 -7.82	33.23 2.47 -9.46	34.79 3.14 -5.67
PIERCEFIELD___HYD 23852	17.66 -1.58 0.00	15.40 -1.53 0.46	15.63 -1.51 0.00	14.87 -1.52 1.08	16.00 -1.63 1.30	16.93 -2.00 5.12	26.75 -2.56 2.34	27.18 -2.61 1.34	27.17 -2.51 0.95	19.18 -2.20 6.49	23.67 -2.40 2.85	23.64 -2.27 1.73	21.92 -1.93 0.00	20.95 -1.92 0.00	18.28 -1.85 1.61	18.39 -1.84 1.46	24.15 -2.13 0.00	36.55 -2.75 0.00	32.09 -2.75 0.00	30.10 -2.58 0.00	25.93 -2.26 0.00	25.29 -2.20 0.00	19.51 -1.79 0.00	23.84 -2.13 0.00
PINELAWN_CC_1 323563	43.18 2.75 -21.20	37.96 2.43 -18.14	33.18 2.43 -13.60	36.00 2.46 -16.07	34.22 2.46 -12.84	45.80 3.34 -18.42	60.89 4.62 -24.61	65.54 4.89 -29.52	64.25 4.53 -29.08	64.19 4.01 -32.30	63.51 4.22 -30.38	62.57 3.95 -30.98	59.78 3.36 -32.57	60.27 3.29 -34.10	60.69 3.13 -35.81	60.68 3.14 -35.85	70.40 3.89 -40.24	84.16 5.89 -38.97	88.39 5.19 -48.36	80.00 4.84 -42.48	75.39 4.14 -43.06	66.46 4.07 -34.90	60.53 3.30 -35.93	57.64 3.97 -27.70
PJM_GEN_HTP_PROXY 323702	40.08 2.10 -18.74	36.71 1.86 -17.46	31.96 1.80 -13.02	31.96 1.83 -12.66	33.67 1.91 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.11 3.89 -23.09	57.18 3.86 -22.69	54.80 3.46 -23.47	54.64 3.79 -21.94	52.60 3.57 -21.40	51.05 3.05 -24.14	49.61 2.97 -23.77	49.97 2.81 -25.43	51.58 2.82 -27.07	60.30 3.44 -30.58	75.42 5.23 -30.90	72.12 4.56 -32.72	65.19 4.28 -28.23	60.99 3.66 -29.14	56.21 3.55 -25.17	54.35 2.62 -30.44	47.35 3.12 -18.26
PJM_GEN_KEystone 24065	30.82 0.77 -10.81	28.17 0.71 -10.07	25.40 0.75 -7.51	25.48 0.72 -7.30	27.07 0.74 -7.41	32.85 0.82 -7.99	44.81 1.01 -12.14	49.00 1.12 -16.75	47.87 1.07 -16.17	45.38 0.95 -16.56	46.91 1.07 -16.92	42.90 0.91 -14.35	38.52 0.79 -13.88	38.62 0.82 -14.93	38.24 0.78 -15.72	39.62 0.78 -17.15	46.23 0.92 -19.04	63.70 1.26 -23.15	60.10 1.25 -24.01	55.00 1.21 -21.10	47.88 0.99 -18.71	44.12 1.02 -15.61	40.56 0.75 -18.51	37.71 1.01 -10.73

PJM_GEN_NEPTUNE_PROXY 323594	39.72 2.42 -18.06	36.81 2.16 -17.27	32.12 2.13 -12.85	31.43 2.16 -11.80	33.89 2.14 -12.83	40.72 2.91 -13.77	56.87 3.99 -21.23	61.38 4.26 -25.99	60.18 4.23 -25.32	60.17 3.76 -28.54	60.69 3.96 -27.81	59.57 3.73 -28.20	58.19 3.20 -31.14	58.73 3.13 -32.72	57.85 2.96 -33.15	57.85 2.97 -33.19	69.09 3.65 -39.16	80.49 5.54 -35.65	81.64 4.88 -41.92	73.88 4.58 -36.62	72.21 3.89 -40.14	62.19 3.79 -30.90	57.87 2.90 -33.67	51.98 3.48 -22.52
PJM_GEN_VFT_PROXY 323633	40.02 2.04 -18.75	36.64 1.79 -17.46	31.89 1.73 -13.02	31.89 1.76 -12.66	33.62 1.86 -12.84	40.27 2.38 -13.85	53.20 3.42 -18.13	57.96 3.73 -23.10	57.03 3.70 -22.69	54.66 3.32 -23.47	54.66 3.67 -22.07	52.92 3.45 -21.82	51.89 2.96 -25.08	49.68 2.88 -23.93	50.04 2.74 -25.56	51.61 2.73 -27.18	60.32 3.31 -30.74	75.19 4.99 -30.90	71.95 4.39 -32.72	65.04 4.12 -28.23	60.86 3.52 -29.15	56.08 3.41 -25.18	54.25 2.51 -30.44	47.27 3.04 -18.26
PLEASANTVLY___LBMP 24000	40.64 1.73 -19.67	37.26 1.55 -18.32	32.33 1.53 -13.66	32.30 1.55 -13.29	34.02 1.63 -13.47	40.66 2.09 -14.53	53.62 2.94 -19.02	58.49 3.14 -24.22	57.55 3.13 -23.80	55.30 2.81 -24.61	54.56 3.06 -22.58	51.62 2.87 -21.10	48.62 2.43 -22.34	49.71 2.40 -24.44	50.25 2.26 -26.25	52.00 2.26 -28.05	60.50 2.76 -31.46	75.76 4.21 -32.26	72.69 3.69 -34.16	65.62 3.46 -29.47	61.57 2.96 -30.43	56.64 2.86 -26.29	55.19 2.11 -31.78	47.57 2.52 -19.07
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.03 1.96 -18.83	36.67 1.74 -17.54	31.91 1.70 -13.07	31.91 1.73 -12.72	33.62 1.80 -12.89	40.28 2.33 -13.91	53.19 3.32 -18.21	57.92 3.61 -23.18	56.99 3.58 -22.78	54.64 3.20 -23.56	54.01 3.53 -21.57	51.02 3.32 -20.06	47.75 2.81 -21.09	48.98 2.77 -23.35	49.43 2.61 -25.08	51.13 2.62 -26.82	59.70 3.20 -30.22	75.20 4.87 -31.03	71.99 4.28 -32.87	65.06 4.02 -28.35	60.89 3.44 -29.27	56.08 3.30 -25.29	54.30 2.43 -30.58	47.23 2.91 -18.35
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.36 1.85 -20.27	37.93 1.65 -18.89	32.87 1.65 -14.08	32.82 1.66 -13.69	34.55 1.74 -13.88	41.26 2.24 -14.98	54.30 3.04 -19.61	59.39 3.30 -24.96	58.37 3.22 -24.53	56.14 2.90 -25.37	55.29 3.10 -23.28	52.26 2.87 -21.75	49.26 2.38 -23.02	50.46 2.40 -25.19	51.06 2.26 -27.06	52.88 2.28 -28.91	61.35 2.92 -32.16	76.83 4.56 -32.97	73.80 4.04 -34.92	66.57 3.76 -30.12	62.47 3.18 -31.10	57.44 3.08 -26.87	55.98 2.19 -32.49	48.04 2.57 -19.50
POLETTI____ 23519	40.14 2.15 -18.75	36.75 1.90 -17.46	31.99 1.84 -13.02	31.99 1.87 -12.66	33.71 1.95 -12.84	40.41 2.52 -13.85	53.39 3.61 -18.13	58.15 3.92 -23.10	57.24 3.92 -22.69	54.86 3.51 -23.47	54.80 3.82 -22.07	53.05 3.59 -21.82	52.01 3.08 -25.08	49.79 3.00 -23.93	50.15 2.85 -25.56	51.71 2.84 -27.18	60.48 3.47 -30.73	75.47 5.27 -30.90	72.20 4.63 -32.72	65.27 4.35 -28.23	61.08 3.75 -29.15	56.30 3.63 -25.18	54.40 2.66 -30.44	47.43 3.19 -18.26
PORT_JEFF_3 23555	41.90 2.94 -19.72	37.74 2.63 -17.73	33.03 2.64 -13.25	34.29 2.69 -14.14	34.43 2.67 -12.83	44.90 3.63 -17.23	60.47 5.00 -23.81	63.73 5.23 -27.38	62.61 5.18 -26.80	62.52 4.63 -30.02	62.65 4.92 -28.82	61.57 4.64 -29.29	59.44 3.96 -31.63	59.91 3.84 -33.20	60.43 3.65 -35.04	60.43 3.67 -35.07	70.41 4.55 -39.59	82.90 6.64 -36.95	85.22 5.92 -44.46	77.17 5.56 -38.92	74.35 4.88 -41.29	64.73 4.76 -32.48	59.44 3.58 -34.56	57.74 4.31 -27.45
PORT_JEFF_4 23616	41.90 2.94 -19.72	37.74 2.63 -17.73	33.03 2.64 -13.25	34.29 2.69 -14.14	34.43 2.67 -12.83	44.90 3.63 -17.23	60.47 5.00 -23.81	63.73 5.23 -27.38	62.61 5.18 -26.80	62.52 4.63 -30.02	62.65 4.92 -28.82	61.57 4.64 -29.29	59.44 3.96 -31.63	59.91 3.84 -33.20	60.43 3.65 -35.04	60.43 3.67 -35.07	70.41 4.55 -39.59	82.90 6.64 -36.95	85.22 5.92 -44.46	77.17 5.56 -38.92	74.35 4.88 -41.29	64.73 4.76 -32.48	59.44 3.58 -34.56	57.74 4.31 -27.45
PORT_JEFF_IC 23713	42.00 3.00 -19.76	37.80 2.68 -17.74	33.09 2.69 -13.26	34.40 2.74 -14.19	34.46 2.71 -12.83	44.98 3.68 -17.26	60.59 5.10 -23.83	63.94 5.36 -27.45	62.81 5.30 -26.88	62.71 4.74 -30.10	62.85 5.06 -28.88	61.74 4.76 -29.35	59.56 4.05 -31.66	60.03 3.93 -33.23	60.54 3.74 -35.06	60.53 3.75 -35.09	70.54 4.65 -39.61	83.00 6.68 -37.02	85.35 5.92 -44.59	77.29 5.56 -39.05	74.55 5.02 -41.35	64.95 4.89 -32.56	59.57 3.66 -34.61	57.82 4.39 -27.45
PPL PILGRIM_ST_GT1 24216	42.04 2.88 -19.92	37.74 2.57 -17.78	33.04 2.60 -13.30	34.50 2.64 -14.40	34.39 2.63 -12.83	44.98 3.56 -17.39	60.45 4.87 -23.92	63.98 5.11 -27.74	62.87 5.05 -27.19	62.83 4.54 -30.41	62.77 4.77 -29.09	61.72 4.51 -29.58	59.48 3.86 -31.76	59.95 3.75 -33.33	60.44 3.57 -35.14	60.44 3.58 -35.17	70.41 4.44 -39.70	83.12 6.53 -37.30	85.74 5.78 -45.12	77.61 5.39 -39.53	74.40 4.62 -41.59	65.00 4.62 -32.89	59.61 3.51 -34.79	57.65 4.21 -27.47
PPL PILGRIM_ST_GT2 24217	42.04 2.88 -19.92	37.74 2.57 -17.78	33.04 2.60 -13.30	34.50 2.64 -14.40	34.39 2.63 -12.83	44.98 3.56 -17.39	60.45 4.87 -23.92	63.98 5.11 -27.74	62.87 5.05 -27.19	62.83 4.54 -30.41	62.77 4.77 -29.09	61.72 4.51 -29.58	59.48 3.86 -31.76	59.95 3.75 -33.33	60.44 3.57 -35.14	60.44 3.58 -35.17	70.41 4.44 -39.70	83.12 6.53 -37.30	85.74 5.78 -45.12	77.61 5.39 -39.53	74.40 4.62 -41.59	65.00 4.62 -32.89	59.61 3.51 -34.79	57.65 4.21 -27.47
PPL_SHRM_GT3 24213	42.05 3.08 -19.73	37.85 2.73 -17.73	33.15 2.76 -13.25	34.43 2.81 -14.16	34.54 2.78 -12.83	45.06 3.77 -17.24	60.70 5.22 -23.82	64.01 5.48 -27.41	62.85 5.39 -26.83	62.75 4.82 -30.05	62.90 5.15 -28.84	61.76 4.81 -29.31	59.57 4.08 -31.64	60.08 4.00 -33.21	60.59 3.80 -35.04	60.59 3.82 -35.08	70.60 4.73 -39.60	83.31 7.03 -36.98	85.69 6.34 -44.51	77.61 5.95 -38.97	74.63 5.13 -41.32	65.01 5.00 -32.51	59.63 3.75 -34.58	57.90 4.47 -27.45
PPL_SHRM_GT4 24214	42.05 3.08 -19.73	37.85 2.73 -17.73	33.15 2.76 -13.25	34.43 2.81 -14.16	34.54 2.78 -12.83	45.06 3.77 -17.24	60.70 5.22 -23.82	64.01 5.48 -27.41	62.85 5.39 -26.83	62.75 4.82 -30.05	62.90 5.15 -28.84	61.76 4.81 -29.31	59.57 4.08 -31.64	60.08 4.00 -33.21	60.59 3.80 -35.04	60.59 3.82 -35.08	70.60 4.73 -39.60	83.31 7.03 -36.98	85.69 6.34 -44.51	77.61 5.95 -38.97	74.63 5.13 -41.32	65.01 5.00 -32.51	59.63 3.75 -34.58	57.90 4.47 -27.45
PROJECT___ORANGE 1 24174	20.99 0.08 -1.68	19.05 0.10 -1.56	18.39 0.09 -1.16	18.68 0.09 -1.13	20.19 0.11 -1.15	25.42 0.15 -1.24	33.37 0.10 -1.62	33.32 0.13 -2.06	32.65 0.00 -2.03	29.97 0.00 -2.10	30.86 0.03 -1.92	29.46 0.03 -1.80	25.75 0.00 -1.90	24.95 0.00 -2.08	23.95 -0.02 -2.24	24.06 -0.02 -2.39	28.93 0.00 -2.65	41.93 -0.08 -2.71	37.72 0.00 -2.88	35.14 -0.03 -2.48	30.72 -0.03 -2.56	29.65 -0.05 -2.22	23.93 -0.04 -2.68	27.58 0.00 -1.61
PROJECT___ORANGE 2 24166	20.99 0.08 -1.68	19.05 0.10 -1.56	18.39 0.09 -1.16	18.68 0.09 -1.13	20.19 0.11 -1.15	25.42 0.15 -1.24	33.37 0.10 -1.62	33.32 0.13 -2.06	32.65 0.00 -2.03	29.97 0.00 -2.10	30.86 0.03 -1.92	29.46 0.03 -1.80	25.75 0.00 -1.90	24.95 0.00 -2.08	23.95 -0.02 -2.24	24.06 -0.02 -2.39	28.93 0.00 -2.65	41.93 -0.08 -2.71	37.72 0.00 -2.88	35.14 -0.03 -2.48	30.72 -0.03 -2.56	29.65 -0.05 -2.22	23.93 -0.04 -2.68	27.58 0.00 -1.61

PYRITES___HYD 24023	17.91 -1.33 0.00	15.61 -1.30 0.47	15.86 -1.29 0.00	15.08 -1.27 1.11	16.23 -1.36 1.33	17.14 -1.64 5.26	27.22 -2.03 2.41	27.64 -2.12 1.37	27.67 -1.99 0.97	19.50 -1.70 6.67	24.08 -1.91 2.93	24.06 -1.80 1.78	22.30 -1.55 0.00	21.31 -1.56 0.00	18.58 -1.50 1.66	18.72 -1.48 1.50	24.59 -1.68 0.00	37.25 -2.05 0.00	32.71 -2.13 0.00	30.69 -1.99 0.00	26.44 -1.75 0.00	25.76 -1.73 0.00	19.83 -1.47 0.00	24.23 -1.74 0.00
RAMAPO___LBMP 323565	38.97 1.67 -18.06	35.69 1.48 -16.83	31.14 1.46 -12.54	31.15 1.48 -12.20	32.83 1.53 -12.37	39.38 1.99 -13.35	51.94 2.82 -17.47	56.45 3.08 -22.24	55.54 3.06 -21.85	53.21 2.73 -22.60	52.63 2.98 -20.74	49.81 2.79 -19.38	46.75 2.38 -20.51	47.67 2.36 -22.44	48.06 2.22 -24.11	49.66 2.21 -25.76	58.09 2.73 -29.08	73.28 4.16 -29.82	70.07 3.66 -31.58	63.36 3.43 -27.24	59.24 2.93 -28.13	54.62 2.83 -24.30	52.74 2.07 -29.38	46.07 2.47 -17.63
RANKINE____ 23646	22.39 0.04 -3.12	20.40 0.10 -2.90	19.57 0.26 -2.17	19.69 0.12 -2.11	21.21 0.15 -2.14	26.15 -0.19 -2.30	48.69 -0.54 -17.57	64.24 -0.50 -33.61	60.66 -0.49 -30.53	57.60 -0.39 -30.12	70.93 -0.26 -42.27	53.09 -0.66 -26.12	38.51 -0.48 -15.13	38.88 -0.39 -16.40	36.39 -0.33 -14.98	40.46 -0.37 -19.14	44.52 -0.58 -18.82	89.17 -1.26 -51.13	83.86 -0.73 -49.76	78.42 -0.59 -46.32	48.70 -0.65 -21.16	40.41 -0.55 -13.47	34.15 -0.34 -13.19	30.23 -0.36 -4.62
RAVENSWOOD_GT2_1 24244	40.10 2.12 -18.75	36.71 1.86 -17.46	31.98 1.82 -13.02	31.96 1.83 -12.66	33.69 1.93 -12.84	40.39 2.50 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.90 3.79 -22.20	53.42 3.57 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.80 2.82 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
RAVENSWOOD_GT2_2 24245	40.10 2.12 -18.75	36.71 1.86 -17.46	31.98 1.82 -13.02	31.96 1.83 -12.66	33.69 1.93 -12.84	40.39 2.50 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.90 3.79 -22.20	53.42 3.57 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.80 2.82 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
RAVENSWOOD_GT2_3 24246	40.12 2.13 -18.75	36.73 1.88 -17.46	31.98 1.82 -13.02	31.97 1.85 -12.66	33.71 1.95 -12.84	40.39 2.50 -13.85	53.36 3.58 -18.13	58.15 3.92 -23.10	57.22 3.89 -22.70	54.83 3.48 -23.48	54.93 3.82 -22.20	53.44 3.59 -22.21	52.85 3.05 -25.94	49.94 3.00 -24.07	50.25 2.82 -25.69	51.80 2.82 -27.29	60.62 3.47 -30.87	75.43 5.23 -30.91	72.17 4.60 -32.73	65.24 4.31 -28.24	61.03 3.69 -29.15	56.24 3.57 -25.18	54.38 2.64 -30.44	47.40 3.17 -18.26
RAVENSWOOD_GT2_4 24247	40.12 2.13 -18.75	36.73 1.88 -17.46	31.98 1.82 -13.02	31.97 1.85 -12.66	33.71 1.95 -12.84	40.39 2.50 -13.85	53.36 3.58 -18.13	58.15 3.92 -23.10	57.22 3.89 -22.70	54.83 3.48 -23.48	54.93 3.82 -22.20	53.44 3.59 -22.21	52.85 3.05 -25.94	49.94 3.00 -24.07	50.25 2.82 -25.69	51.80 2.82 -27.29	60.62 3.47 -30.87	75.43 5.23 -30.91	72.17 4.60 -32.73	65.24 4.31 -28.24	61.03 3.69 -29.15	56.24 3.57 -25.18	54.38 2.64 -30.44	47.40 3.17 -18.26
RAVENSWOOD_GT3_1 24248	40.10 2.12 -18.75	36.71 1.86 -17.46	31.98 1.82 -13.02	31.96 1.83 -12.66	33.69 1.93 -12.84	40.39 2.50 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.90 3.79 -22.20	53.42 3.57 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.80 2.82 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
RAVENSWOOD_GT3_2 24249	40.10 2.12 -18.75	36.71 1.86 -17.46	31.98 1.82 -13.02	31.96 1.83 -12.66	33.69 1.93 -12.84	40.39 2.50 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.90 3.79 -22.20	53.42 3.57 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.80 2.82 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
RAVENSWOOD_GT3_3 24250	40.12 2.13 -18.75	36.73 1.88 -17.46	31.99 1.84 -13.02	31.97 1.85 -12.66	33.71 1.95 -12.84	40.42 2.52 -13.85	53.36 3.58 -18.13	58.15 3.92 -23.10	57.22 3.89 -22.70	54.86 3.51 -23.48	54.93 3.82 -22.20	53.44 3.59 -22.21	52.87 3.08 -25.94	49.94 3.00 -24.07	50.28 2.85 -25.69	51.82 2.84 -27.29	60.62 3.47 -30.87	75.47 5.27 -30.91	72.20 4.63 -32.73	65.27 4.35 -28.24	61.06 3.72 -29.15	56.27 3.60 -25.18	54.40 2.66 -30.44	47.40 3.17 -18.26
RAVENSWOOD_GT3_4 24251	40.12 2.13 -18.75	36.73 1.88 -17.46	31.99 1.84 -13.02	31.97 1.85 -12.66	33.71 1.95 -12.84	40.42 2.52 -13.85	53.36 3.58 -18.13	58.15 3.92 -23.10	57.22 3.89 -22.70	54.86 3.51 -23.48	54.93 3.82 -22.20	53.44 3.59 -22.21	52.87 3.08 -25.94	49.94 3.00 -24.07	50.28 2.85 -25.69	51.82 2.84 -27.29	60.62 3.47 -30.87	75.47 5.27 -30.91	72.20 4.63 -32.73	65.27 4.35 -28.24	61.06 3.72 -29.15	56.27 3.60 -25.18	54.40 2.66 -30.44	47.40 3.17 -18.26
RAVENSWOOD_GT_1 23729	40.22 2.23 -18.76	36.82 1.96 -17.47	32.09 1.92 -13.03	32.07 1.94 -12.67	33.81 2.04 -12.85	40.49 2.60 -13.85	53.42 3.64 -18.13	58.25 4.02 -23.10	57.31 3.98 -22.70	54.92 3.57 -23.48	54.99 3.88 -22.20	53.50 3.65 -22.21	52.92 3.12 -25.94	50.01 3.07 -24.07	50.30 2.87 -25.69	51.86 2.89 -27.29	60.67 3.52 -30.87	75.55 5.34 -30.91	72.27 4.70 -32.73	65.33 4.41 -28.24	61.12 3.78 -29.15	56.35 3.68 -25.18	54.49 2.75 -30.44	47.55 3.30 -18.27
RAVENSWOOD_GT_10 24258	40.10 2.12 -18.75	36.71 1.86 -17.46	31.97 1.82 -13.02	31.96 1.83 -12.66	33.69 1.93 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.90 3.79 -22.20	53.42 3.57 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.80 2.82 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
RAVENSWOOD_GT_11 24259	40.10 2.12 -18.75	36.71 1.86 -17.46	31.97 1.82 -13.02	31.96 1.83 -12.66	33.69 1.93 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.90 3.79 -22.20	53.42 3.57 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.80 2.82 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
RAVENSWOOD_GT_4 24252	40.07 2.10 -18.74	36.69 1.84 -17.46	31.95 1.80 -13.01	31.93 1.82 -12.66	33.67 1.91 -12.83	40.37 2.48 -13.85	53.33 3.54 -18.13	58.09 3.86 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.87 3.76 -22.20	53.39 3.54 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.78 2.80 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.34 2.60 -30.44	47.35 3.12 -18.26



RAVENSWOOD_GT_5 24254	40.07 2.10 -18.74	36.69 1.84 -17.46	31.95 1.80 -13.01	31.93 1.82 -12.66	33.67 1.91 -12.83	40.37 2.48 -13.85	53.33 3.54 -18.13	58.09 3.86 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.87 3.76 -22.20	53.39 3.54 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.78 2.80 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.34 2.60 -30.44	47.35 3.12 -18.26
RAVENSWOOD_GT_6 24253	40.07 2.10 -18.74	36.69 1.84 -17.46	31.95 1.80 -13.01	31.93 1.82 -12.66	33.67 1.91 -12.83	40.37 2.48 -13.85	53.33 3.54 -18.13	58.09 3.86 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.87 3.76 -22.20	53.39 3.54 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.78 2.80 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.34 2.60 -30.44	47.35 3.12 -18.26
RAVENSWOOD_GT_7 24255	40.07 2.10 -18.74	36.69 1.84 -17.46	31.95 1.80 -13.01	31.93 1.82 -12.66	33.67 1.91 -12.83	40.37 2.48 -13.85	53.33 3.54 -18.13	58.09 3.86 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.87 3.76 -22.20	53.39 3.54 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.78 2.80 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.34 2.60 -30.44	47.35 3.12 -18.26
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.10 2.12 -18.75	36.71 1.86 -17.46	31.97 1.82 -13.02	31.96 1.83 -12.66	33.69 1.93 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.90 3.79 -22.20	53.42 3.57 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.80 2.82 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
RAVENSWOOD_GT_9 24257	40.10 2.12 -18.75	36.71 1.86 -17.46	31.97 1.82 -13.02	31.96 1.83 -12.66	33.69 1.93 -12.84	40.37 2.48 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.90 3.79 -22.20	53.42 3.57 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.80 2.82 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
RAVENSWOOD___1 23533	40.20 2.21 -18.75	36.82 1.96 -17.47	32.07 1.90 -13.02	32.07 1.94 -12.67	33.81 2.04 -12.85	40.47 2.57 -13.85	53.39 3.61 -18.13	58.21 3.99 -23.10	57.28 3.95 -22.70	54.89 3.54 -23.48	54.96 3.88 -22.20	53.50 3.65 -22.21	52.89 3.10 -25.94	49.98 3.04 -24.07	50.30 2.87 -25.69	51.84 2.86 -27.29	60.67 3.52 -30.87	75.55 5.34 -30.91	72.24 4.67 -32.73	65.30 4.38 -28.24	61.09 3.75 -29.15	56.33 3.66 -25.18	54.47 2.73 -30.44	47.52 3.27 -18.27
RAVENSWOOD___2 23534	40.20 2.21 -18.75	36.81 1.95 -17.47	32.07 1.90 -13.02	32.07 1.94 -12.67	33.80 2.03 -12.85	40.47 2.57 -13.85	53.39 3.61 -18.13	58.21 3.99 -23.10	57.28 3.95 -22.70	54.89 3.54 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.64 3.50 -30.87	75.51 5.30 -30.91	72.24 4.67 -32.73	65.30 4.38 -28.24	61.09 3.75 -29.15	56.33 3.66 -25.18	54.47 2.73 -30.44	47.52 3.27 -18.27
RAVENSWOOD___3 23535	40.10 2.12 -18.75	36.71 1.86 -17.46	31.98 1.82 -13.02	31.96 1.83 -12.66	33.69 1.93 -12.84	40.39 2.50 -13.85	53.33 3.54 -18.13	58.12 3.89 -23.10	57.18 3.86 -22.70	54.80 3.46 -23.48	54.90 3.79 -22.20	53.42 3.57 -22.21	52.82 3.03 -25.94	49.91 2.97 -24.07	50.23 2.81 -25.69	51.80 2.82 -27.29	60.59 3.44 -30.87	75.39 5.19 -30.91	72.13 4.56 -32.73	65.20 4.28 -28.24	61.00 3.66 -29.15	56.22 3.55 -25.18	54.36 2.62 -30.44	47.38 3.14 -18.26
RAVENSWOOD___4 23820	40.20 2.21 -18.75	36.80 1.95 -17.47	32.07 1.90 -13.02	32.05 1.92 -12.67	33.79 2.03 -12.84	40.44 2.55 -13.85	53.39 3.61 -18.13	58.21 3.99 -23.10	57.25 3.92 -22.70	54.89 3.54 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.87 3.08 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.64 3.50 -30.87	75.51 5.30 -30.91	72.24 4.67 -32.73	65.27 4.35 -28.24	61.09 3.75 -29.15	56.30 3.63 -25.18	54.45 2.71 -30.44	47.52 3.27 -18.27
RCPL_TRUST___DRP 24196	40.10 2.12 -18.74	36.73 1.88 -17.46	31.97 1.82 -13.02	31.97 1.85 -12.66	33.69 1.93 -12.84	40.39 2.50 -13.85	53.36 3.58 -18.13	58.14 3.92 -23.09	57.21 3.89 -22.69	54.85 3.51 -23.47	54.70 3.85 -21.94	52.66 3.62 -21.40	51.07 3.08 -24.14	49.66 3.02 -23.77	50.01 2.85 -25.43	51.60 2.84 -27.07	60.35 3.50 -30.58	75.46 5.27 -30.90	72.19 4.63 -32.72	65.23 4.31 -28.23	61.02 3.69 -29.14	56.24 3.57 -25.17	54.38 2.64 -30.44	47.38 3.14 -18.26
RENSSELAER___COGEN 23796	44.97 1.27 -24.46	41.36 1.17 -22.80	35.28 1.15 -16.98	35.19 1.17 -16.56	36.99 1.27 -16.80	43.89 1.59 -18.27	57.58 2.18 -23.74	63.32 2.02 -30.17	62.34 2.08 -29.63	60.65 1.92 -30.85	58.96 1.85 -28.19	55.66 1.71 -26.31	53.13 1.50 -27.78	54.68 1.42 -30.39	55.82 1.37 -32.71	58.00 1.37 -34.94	66.40 1.58 -38.54	81.15 2.36 -39.50	78.78 2.09 -41.85	70.75 1.96 -36.10	67.15 1.69 -37.27	61.31 1.62 -32.20	61.58 1.34 -38.94	50.86 1.53 -23.36
REVERE_CPPR_DRP 24186	20.60 0.75 -0.62	18.62 0.68 -0.56	18.24 0.67 -0.43	18.54 0.70 -0.38	20.09 0.79 -0.37	25.39 1.08 -0.27	33.88 1.71 -0.51	33.36 1.52 -0.71	32.87 1.53 -0.71	29.88 1.48 -0.53	30.93 1.42 -0.60	29.62 1.38 -0.60	25.67 1.12 -0.70	24.64 1.01 -0.77	23.44 0.93 -0.76	23.52 1.00 -0.83	28.51 1.26 -0.98	42.33 2.04 -0.99	37.68 1.78 -1.06	35.27 1.67 -0.91	30.51 1.38 -0.94	29.63 1.32 -0.82	23.22 0.94 -0.99	27.74 1.17 -0.59
RIVERBAY____ 323610	40.30 2.31 -18.75	36.89 2.03 -17.47	32.15 1.99 -13.02	32.14 2.01 -12.67	33.89 2.12 -12.85	40.49 2.60 -13.85	53.35 3.58 -18.12	58.20 3.99 -23.09	57.27 3.95 -22.69	54.88 3.54 -23.46	54.83 3.85 -22.07	52.07 3.62 -20.81	48.97 3.08 -22.04	49.81 3.02 -23.92	50.14 2.85 -25.56	51.71 2.84 -27.18	60.47 3.47 -30.73	75.50 5.30 -30.90	72.26 4.70 -32.72	65.32 4.41 -28.22	61.10 3.78 -29.14	56.35 3.68 -25.18	54.51 2.77 -30.44	47.60 3.35 -18.27
ROCHESTER_9_IC 23652	21.36 -0.15 -2.28	19.44 -0.07 -2.13	18.69 -0.03 -1.58	18.93 -0.07 -1.54	20.43 -0.06 -1.56	25.49 -0.24 -1.69	32.20 -0.51 -1.05	31.36 -0.22 -0.45	30.99 -0.28 -0.64	28.40 -0.25 -0.78	28.15 -0.32 0.45	27.70 -0.58 -0.64	25.21 -0.31 -1.67	24.39 -0.32 -1.84	23.67 -0.26 -2.19	23.52 -0.26 -2.09	28.44 -0.34 -2.51	38.64 -0.71 -0.05	34.82 -0.42 -0.40	32.44 -0.33 -0.08	30.01 -0.37 -2.19	29.38 -0.38 -2.28	24.00 -0.30 -3.00	27.65 -0.39 -2.06
ROSETON___1 23587	39.60 1.71 -18.65	36.27 1.51 -17.37	31.58 1.49 -12.95	31.58 1.52 -12.60	33.29 1.59 -12.77	39.86 2.04 -13.78	52.57 2.88 -18.04	57.18 3.08 -22.96	56.25 3.06 -22.56	53.97 2.76 -23.34	53.33 3.01 -21.41	50.47 2.82 -20.01	47.41 2.38 -21.18	48.40 2.36 -23.17	48.85 2.22 -24.89	50.50 2.21 -26.60	59.27 2.65 -30.35	74.46 4.05 -31.11	71.34 3.56 -32.95	64.44 3.34 -28.42	60.38 2.85 -29.35	55.59 2.75 -25.35	53.98 2.02 -30.65	46.79 2.42 -18.40

ROSETON___2 23588	39.60 1.71 -18.65	36.27 1.51 -17.37	31.58 1.49 -12.95	31.58 1.52 -12.60	33.29 1.59 -12.77	39.86 2.04 -13.78	52.57 2.88 -18.04	57.18 3.08 -22.96	56.25 3.06 -22.56	53.97 2.76 -23.34	53.33 3.01 -21.41	50.47 2.82 -20.01	47.41 2.38 -21.18	48.40 2.36 -23.17	48.85 2.22 -24.89	50.50 2.21 -26.60	59.27 2.65 -30.35	74.46 4.05 -31.11	71.34 3.56 -32.95	64.44 3.34 -28.42	60.38 2.85 -29.35	55.59 2.75 -25.35	53.98 2.02 -30.65	46.79 2.42 -18.40
RUSSELL___1 23602	21.48 -0.04 -2.28	19.55 0.03 -2.13	18.80 0.07 -1.58	19.04 0.03 -1.54	20.54 0.06 -1.56	25.63 -0.10 -1.69	32.43 -0.29 -1.06	31.65 0.06 -0.46	31.25 -0.03 -0.65	28.63 -0.03 -0.79	28.37 -0.12 0.43	27.91 -0.39 -0.65	25.41 -0.12 -1.68	24.56 -0.16 -1.85	23.83 -0.11 -2.19	23.68 -0.11 -2.10	28.67 -0.13 -2.52	39.01 -0.35 -0.07	35.19 -0.07 -0.42	32.75 -0.03 -0.10	30.25 -0.14 -2.20	29.61 -0.16 -2.28	24.16 -0.15 -3.01	27.83 -0.21 -2.06
RUSSELL___2 23532	21.48 -0.04 -2.28	19.55 0.03 -2.13	18.80 0.07 -1.58	19.04 0.03 -1.54	20.54 0.06 -1.56	25.63 -0.10 -1.69	32.43 -0.29 -1.06	31.65 0.06 -0.46	31.25 -0.03 -0.65	28.63 -0.03 -0.79	28.37 -0.12 0.43	27.91 -0.39 -0.65	25.41 -0.12 -1.68	24.56 -0.16 -1.85	23.83 -0.11 -2.19	23.68 -0.11 -2.10	28.67 -0.13 -2.52	39.01 -0.35 -0.07	35.19 -0.07 -0.42	32.75 -0.03 -0.10	30.25 -0.14 -2.20	29.61 -0.16 -2.28	24.16 -0.15 -3.01	27.83 -0.21 -2.06
RUSSELL___3 23549	21.48 -0.04 -2.28	19.55 0.03 -2.13	18.80 0.07 -1.58	19.04 0.03 -1.54	20.54 0.06 -1.56	25.63 -0.10 -1.69	32.43 -0.29 -1.06	31.65 0.06 -0.46	31.25 -0.03 -0.65	28.63 -0.03 -0.79	28.37 -0.12 0.43	27.91 -0.39 -0.65	25.41 -0.12 -1.68	24.56 -0.16 -1.85	23.83 -0.11 -2.19	23.68 -0.11 -2.10	28.67 -0.13 -2.52	39.01 -0.35 -0.07	35.19 -0.07 -0.42	32.75 -0.03 -0.10	30.25 -0.14 -2.20	29.61 -0.16 -2.28	24.16 -0.15 -3.01	27.83 -0.21 -2.06
RUSSELL___4 23556	21.48 -0.04 -2.28	19.55 0.03 -2.13	18.80 0.07 -1.58	19.04 0.03 -1.54	20.54 0.06 -1.56	25.63 -0.10 -1.69	32.43 -0.29 -1.06	31.65 0.06 -0.46	31.25 -0.03 -0.65	28.63 -0.03 -0.79	28.37 -0.12 0.43	27.91 -0.39 -0.65	25.41 -0.12 -1.68	24.56 -0.16 -1.85	23.83 -0.11 -2.19	23.68 -0.11 -2.10	28.67 -0.13 -2.52	39.01 -0.35 -0.07	35.19 -0.07 -0.42	32.75 -0.03 -0.10	30.25 -0.14 -2.20	29.61 -0.16 -2.28	24.16 -0.15 -3.01	27.83 -0.21 -2.06
RUSSELL___STATION 23914	21.48 -0.04 -2.28	19.55 0.03 -2.13	18.80 0.07 -1.58	19.04 0.03 -1.54	20.54 0.06 -1.56	25.63 -0.10 -1.69	32.43 -0.29 -1.06	31.65 0.06 -0.46	31.25 -0.03 -0.65	28.63 -0.03 -0.79	28.37 -0.12 0.43	27.91 -0.39 -0.65	25.41 -0.12 -1.68	24.56 -0.16 -1.85	23.83 -0.11 -2.19	23.68 -0.11 -2.10	28.67 -0.13 -2.52	39.01 -0.35 -0.07	35.19 -0.07 -0.42	32.75 -0.03 -0.10	30.25 -0.14 -2.20	29.61 -0.16 -2.28	24.16 -0.15 -3.01	27.83 -0.21 -2.06
S SALMON___HYD 24043	20.48 -0.04 -1.28	18.53 -0.02 -1.16	18.00 -0.03 -0.89	18.22 -0.02 -0.77	19.69 0.00 -0.76	24.54 0.00 -0.49	32.69 0.00 -1.03	32.47 -0.12 -1.46	31.95 -0.15 -1.47	28.74 -0.17 -1.03	29.90 -0.23 -1.22	28.67 -0.19 -1.22	25.14 -0.17 -1.46	24.31 -0.16 -1.60	23.14 -0.17 -1.57	23.22 -0.17 -1.70	28.10 -0.21 -2.03	41.14 -0.23 -2.08	36.84 -0.21 -2.21	34.46 -0.13 -1.90	30.04 -0.11 -1.97	29.11 -0.08 -1.70	23.27 -0.08 -2.05	27.15 -0.05 -1.23
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.88 -0.35 -2.99	19.97 -0.21 -2.79	19.14 -0.09 -2.08	19.28 -0.21 -2.02	20.75 -0.23 -2.05	25.61 -0.65 -2.21	46.28 -1.17 -15.79	60.10 -1.09 -30.07	56.86 -1.10 -27.33	53.90 -0.95 -26.98	65.80 -0.84 -37.73	49.81 -1.22 -23.39	36.59 -0.93 -13.67	36.84 -0.85 -14.82	34.56 -0.76 -13.58	38.20 -0.78 -17.29	42.21 -1.10 -17.04	82.98 -2.00 -45.68	77.90 -1.43 -44.49	72.84 -1.24 -41.39	46.11 -1.18 -19.10	38.63 -1.10 -12.24	32.59 -0.77 -12.05	29.40 -0.88 -4.31
SELKIRK___I 23801	44.55 1.17 -24.14	40.95 1.08 -22.48	34.98 1.08 -16.76	34.85 1.08 -16.30	36.65 1.19 -16.53	43.34 1.47 -17.83	56.99 2.00 -23.34	62.71 1.87 -29.72	61.73 1.90 -29.20	59.83 1.76 -30.20	58.36 1.73 -27.71	55.16 1.63 -25.89	52.67 1.41 -27.41	54.21 1.35 -29.99	55.25 1.30 -32.21	57.41 1.30 -34.42	65.80 1.52 -38.01	80.62 2.28 -39.04	78.16 2.05 -41.26	70.21 1.93 -35.59	66.60 1.66 -36.75	60.86 1.62 -31.75	60.99 1.30 -38.39	50.57 1.51 -23.09
SELKIRK___II 23799	44.57 1.17 -24.16	40.97 1.08 -22.50	35.00 1.08 -16.77	34.86 1.08 -16.32	36.64 1.17 -16.54	43.36 1.47 -17.85	57.01 2.00 -23.36	62.74 1.87 -29.75	61.75 1.90 -29.23	59.83 1.73 -30.23	58.35 1.71 -27.74	55.19 1.63 -25.92	52.69 1.41 -27.43	54.23 1.35 -30.02	55.26 1.28 -32.24	57.42 1.28 -34.45	65.84 1.52 -38.04	80.65 2.28 -39.08	78.19 2.05 -41.30	70.24 1.93 -35.62	66.60 1.63 -36.79	60.89 1.62 -31.78	61.02 1.30 -38.42	50.59 1.51 -23.11
SENECA OSWGO___HYD 24041	20.62 -0.11 -1.50	18.70 -0.09 -1.39	18.10 -0.09 -1.04	18.39 -0.09 -1.01	19.87 -0.08 -1.02	25.05 -0.10 -1.11	32.82 -0.29 -1.45	32.72 -0.25 -1.84	32.07 -0.37 -1.81	29.38 -0.36 -1.87	30.31 -0.32 -1.72	28.94 -0.30 -1.61	25.24 -0.31 -1.70	24.43 -0.30 -1.86	23.45 -0.28 -2.00	23.54 -0.28 -2.13	28.33 -0.31 -2.37	41.21 -0.51 -2.43	37.03 -0.38 -2.57	34.51 -0.39 -2.22	30.11 -0.37 -2.29	29.08 -0.38 -1.98	23.41 -0.28 -2.39	27.12 -0.29 -1.43
SENECA___ENERGY 23797	21.63 -0.04 -2.43	19.65 0.00 -2.26	18.85 0.02 -1.69	19.12 0.02 -1.64	20.64 0.06 -1.66	25.86 0.02 -1.79	33.97 -0.03 -2.35	34.12 0.00 -2.99	33.29 -0.28 -2.94	30.66 -0.25 -3.04	31.44 -0.26 -2.79	30.11 -0.14 -2.61	26.47 -0.14 -2.76	25.75 -0.14 -3.02	24.83 -0.15 -3.24	25.00 -0.15 -3.46	29.96 -0.16 -3.84	42.72 -0.51 -3.94	38.70 -0.31 -4.17	35.96 -0.33 -3.60	31.71 -0.20 -3.72	30.48 -0.22 -3.21	24.99 -0.19 -3.88	28.12 -0.18 -2.33
SHOEMAKER___GT 23640	37.93 1.52 -17.18	34.73 1.34 -16.00	30.41 1.34 -11.93	30.41 1.34 -11.60	32.11 1.42 -11.76	38.56 1.83 -12.69	50.74 2.47 -16.61	54.99 2.71 -21.15	54.04 2.63 -20.78	51.74 2.37 -21.50	51.18 2.54 -19.72	48.45 2.38 -18.43	45.34 1.98 -19.51	46.20 1.99 -21.34	46.53 1.87 -22.92	48.08 1.89 -24.50	56.30 2.34 -27.69	71.30 3.61 -28.38	68.10 3.20 -30.06	61.59 2.97 -25.93	57.50 2.54 -26.78	53.10 2.48 -23.13	51.03 1.77 -27.97	44.86 2.10 -16.78
SHOREHAM_IC_1 23715	42.05 3.08 -19.73	37.85 2.73 -17.73	33.15 2.76 -13.25	34.43 2.81 -14.16	34.54 2.78 -12.83	45.06 3.77 -17.24	60.70 5.22 -23.82	64.01 5.48 -27.41	62.85 5.39 -26.83	62.75 4.82 -30.05	62.90 5.15 -28.84	61.76 4.81 -29.31	59.57 4.08 -31.64	60.08 4.00 -33.21	60.59 3.80 -35.04	60.59 3.82 -35.08	70.60 4.73 -39.60	83.31 7.03 -36.98	85.69 6.34 -44.51	77.61 5.95 -38.97	74.63 5.13 -41.32	65.01 5.00 -32.51	59.63 3.75 -34.58	57.90 4.47 -27.45
SHOREHAM_IC_2 23716	42.05 3.08 -19.73	37.85 2.73 -17.73	33.15 2.76 -13.25	34.43 2.81 -14.16	34.54 2.78 -12.83	45.06 3.77 -17.24	60.70 5.22 -23.82	64.01 5.48 -27.41	62.85 5.39 -26.83	62.75 4.82 -30.05	62.90 5.15 -28.84	61.76 4.81 -29.31	59.57 4.08 -31.64	60.08 4.00 -33.21	60.59 3.80 -35.04	60.59 3.82 -35.08	70.60 4.73 -39.60	83.31 7.03 -36.98	85.69 6.34 -44.51	77.61 5.95 -38.97	74.63 5.13 -41.32	65.01 5.00 -32.51	59.63 3.75 -34.58	57.90 4.47 -27.45

SISSONVILLE____ 23735	17.66 -1.58 0.00	15.40 -1.53 0.46	15.63 -1.51 0.00	14.87 -1.52 1.08	16.00 -1.63 1.30	16.93 -2.00 5.12	26.75 -2.56 2.34	27.18 -2.61 1.34	27.17 -2.51 0.95	19.18 -2.20 6.49	23.67 -2.40 2.85	23.64 -2.27 1.73	21.92 -1.93 0.00	20.95 -1.92 0.00	18.28 -1.85 1.61	18.39 -1.84 1.46	24.15 -2.13 0.00	36.55 -2.75 0.00	32.09 -2.75 0.00	30.10 -2.58 0.00	25.93 -2.26 0.00	25.29 -2.20 0.00	19.51 -1.79 0.00	23.84 -2.13 0.00
SITHE_IND_GS1 24169	20.06 -0.38 -1.20	18.18 -0.33 -1.12	17.65 -0.33 -0.84	17.94 -0.33 -0.81	19.39 -0.36 -0.82	24.45 -0.48 -0.89	31.97 -0.85 -1.16	31.74 -0.87 -1.48	31.17 -0.92 -1.46	28.54 -0.84 -1.51	29.43 -0.87 -1.38	28.07 -0.86 -1.29	24.50 -0.71 -1.37	23.68 -0.69 -1.50	22.70 -0.65 -1.61	22.76 -0.65 -1.72	27.39 -0.79 -1.91	39.99 -1.26 -1.95	35.86 -1.04 -2.07	33.46 -1.01 -1.79	29.15 -0.87 -1.84	28.23 -0.85 -1.59	22.59 -0.64 -1.93	26.40 -0.73 -1.16
SITHE_IND_GS2 24170	20.06 -0.38 -1.20	18.18 -0.33 -1.12	17.65 -0.33 -0.84	17.94 -0.33 -0.81	19.39 -0.36 -0.82	24.45 -0.48 -0.89	31.97 -0.85 -1.16	31.74 -0.87 -1.48	31.17 -0.92 -1.46	28.54 -0.84 -1.51	29.43 -0.87 -1.38	28.07 -0.86 -1.29	24.50 -0.71 -1.37	23.68 -0.69 -1.50	22.70 -0.65 -1.61	22.76 -0.65 -1.72	27.39 -0.79 -1.91	39.99 -1.26 -1.95	35.86 -1.04 -2.07	33.46 -1.01 -1.79	29.15 -0.87 -1.84	28.23 -0.85 -1.59	22.59 -0.64 -1.93	26.40 -0.73 -1.16
SITHE_IND_GS3 24171	20.06 -0.38 -1.20	18.18 -0.33 -1.12	17.65 -0.33 -0.84	17.94 -0.33 -0.81	19.39 -0.36 -0.82	24.45 -0.48 -0.89	31.97 -0.85 -1.16	31.74 -0.87 -1.48	31.17 -0.92 -1.46	28.54 -0.84 -1.51	29.43 -0.87 -1.38	28.07 -0.86 -1.29	24.50 -0.71 -1.37	23.68 -0.69 -1.50	22.70 -0.65 -1.61	22.76 -0.65 -1.72	27.39 -0.79 -1.91	39.99 -1.26 -1.95	35.86 -1.04 -2.07	33.46 -1.01 -1.79	29.15 -0.87 -1.84	28.23 -0.85 -1.59	22.59 -0.64 -1.93	26.40 -0.73 -1.16
SITHE_IND_GS4 24172	20.06 -0.38 -1.20	18.18 -0.33 -1.12	17.65 -0.33 -0.84	17.94 -0.33 -0.81	19.39 -0.36 -0.82	24.45 -0.48 -0.89	31.97 -0.85 -1.16	31.74 -0.87 -1.48	31.17 -0.92 -1.46	28.54 -0.84 -1.51	29.43 -0.87 -1.38	28.07 -0.86 -1.29	24.50 -0.71 -1.37	23.68 -0.69 -1.50	22.70 -0.65 -1.61	22.76 -0.65 -1.72	27.39 -0.79 -1.91	39.99 -1.26 -1.95	35.86 -1.04 -2.07	33.46 -1.01 -1.79	29.15 -0.87 -1.84	28.23 -0.85 -1.59	22.59 -0.64 -1.93	26.40 -0.73 -1.16
SITHE____BATAVIA 24024	21.73 -0.11 -2.61	19.80 -0.02 -2.43	19.06 0.10 -1.81	19.22 0.00 -1.76	20.75 0.04 -1.79	25.70 -0.26 -1.93	32.93 -0.47 -1.75	32.38 -0.37 -1.63	31.93 -0.43 -1.73	29.41 -0.33 -1.87	29.47 -0.38 -0.93	28.42 -0.80 -1.59	25.72 -0.44 -2.35	25.01 -0.44 -2.58	24.28 -0.37 -2.91	24.26 -0.37 -2.94	29.15 -0.53 -3.40	40.06 -1.02 -1.78	36.37 -0.59 -2.12	33.81 -0.52 -1.65	30.75 -0.56 -3.13	29.90 -0.55 -2.96	24.64 -0.41 -3.74	27.87 -0.52 -2.42
SITHE____INDEPEND 23800	20.06 -0.38 -1.20	18.18 -0.33 -1.12	17.65 -0.33 -0.84	17.94 -0.33 -0.81	19.39 -0.36 -0.82	24.45 -0.48 -0.89	31.97 -0.85 -1.16	31.74 -0.87 -1.48	31.17 -0.92 -1.46	28.54 -0.84 -1.51	29.43 -0.87 -1.38	28.07 -0.86 -1.29	24.50 -0.71 -1.37	23.68 -0.69 -1.50	22.70 -0.65 -1.61	22.76 -0.65 -1.72	27.39 -0.79 -1.91	39.99 -1.26 -1.95	35.86 -1.04 -2.07	33.46 -1.01 -1.79	29.15 -0.87 -1.84	28.23 -0.85 -1.59	22.59 -0.64 -1.93	26.40 -0.73 -1.16
SITHE____MASSENA 23902	18.08 -1.15 0.00	15.72 -1.11 0.56	16.05 -1.10 0.00	15.04 -1.12 1.31	16.14 -1.21 1.57	16.31 -1.51 6.21	26.82 -1.99 2.84	27.55 -1.96 1.62	27.55 -1.93 1.15	18.29 -1.70 7.88	23.64 -1.82 3.46	23.82 -1.71 2.10	22.39 -1.46 0.00	21.47 -1.40 0.00	18.42 -1.37 1.95	18.55 -1.37 1.77	24.67 -1.60 0.00	37.18 -2.12 0.00	32.68 -2.16 0.00	30.66 -2.03 0.00	26.46 -1.72 0.00	25.81 -1.68 0.00	19.94 -1.36 0.00	24.36 -1.61 0.00
SITHE____OGDNSBRG 24021	18.00 -1.23 0.00	15.67 -1.22 0.50	15.94 -1.20 0.00	15.11 -1.19 1.17	16.25 -1.27 1.40	16.96 -1.54 5.54	27.22 -1.90 2.54	27.69 -1.99 1.45	27.74 -1.87 1.02	19.23 -1.62 7.03	24.01 -1.82 3.08	24.08 -1.69 1.88	22.39 -1.46 0.00	21.40 -1.46 0.00	18.58 -1.41 1.74	18.72 -1.39 1.58	24.67 -1.60 0.00	37.33 -1.96 0.00	32.78 -2.06 0.00	30.79 -1.90 0.00	26.52 -1.66 0.00	25.84 -1.65 0.00	19.91 -1.38 0.00	24.34 -1.64 0.00
SITHE____STERLING 23777	20.75 0.67 -0.84	18.78 0.61 -0.78	18.33 0.60 -0.58	18.66 0.63 -0.57	20.22 0.72 -0.58	25.62 0.96 -0.62	33.90 1.43 -0.81	33.47 1.31 -1.03	32.93 1.29 -1.02	30.15 1.23 -1.05	31.09 1.21 -0.96	29.73 1.19 -0.90	25.76 0.96 -0.95	24.78 0.87 -1.04	23.69 0.83 -1.12	23.73 0.85 -1.20	28.68 1.08 -1.33	42.34 1.69 -1.35	37.78 1.50 -1.44	35.34 1.40 -1.24	30.62 1.16 -1.28	29.70 1.10 -1.11	23.45 0.81 -1.34	27.79 1.01 -0.81
SOUTH CAIRO____GT 23612	42.11 1.77 -21.10	38.64 1.60 -19.66	33.46 1.66 -14.65	33.41 1.69 -14.25	35.15 1.78 -14.45	41.84 2.21 -15.59	54.75 2.69 -20.41	60.07 2.96 -25.98	58.88 2.72 -25.53	56.81 2.54 -26.41	55.54 2.40 -24.23	52.41 2.13 -22.64	49.46 1.64 -23.96	50.90 1.81 -26.22	51.62 1.72 -28.16	53.57 1.78 -30.10	61.79 2.52 -32.99	77.39 4.25 -33.84	74.45 3.80 -35.82	67.08 3.50 -30.90	63.02 2.93 -31.90	57.88 2.83 -27.56	56.50 1.87 -33.32	48.06 2.08 -20.01
SOUTH HAMPTN____IC 23720	43.42 4.46 -19.73	39.12 4.00 -17.73	34.40 4.01 -13.25	35.69 4.09 -14.15	35.84 4.09 -12.83	46.95 5.67 -17.23	63.45 7.98 -23.82	66.86 8.34 -27.39	65.59 8.15 -26.81	65.21 7.30 -30.03	65.55 7.81 -28.83	64.21 7.27 -29.30	61.59 6.10 -31.64	62.00 5.92 -33.21	62.43 5.65 -35.04	62.40 5.64 -35.07	72.41 6.54 -39.59	86.32 10.06 -36.97	89.18 9.86 -44.48	80.85 9.22 -38.95	77.32 7.83 -41.30	67.46 7.48 -32.49	61.32 5.45 -34.57	60.00 6.57 -27.45
SOUTHOLD____IC 23719	43.65 4.69 -19.73	39.31 4.19 -17.73	34.61 4.22 -13.25	35.90 4.29 -14.15	36.05 4.30 -12.83	47.21 5.94 -17.23	63.80 8.32 -23.82	67.20 8.68 -27.39	65.96 8.51 -26.81	65.52 7.61 -30.03	65.90 8.15 -28.83	64.52 7.57 -29.30	61.86 6.37 -31.64	62.27 6.20 -33.20	62.67 5.89 -35.04	62.64 5.88 -35.07	72.15 6.28 -39.59	85.93 9.67 -36.97	89.60 10.28 -44.48	81.24 9.61 -38.95	77.69 8.20 -41.30	67.82 7.84 -32.49	61.60 5.73 -34.57	60.34 6.91 -27.45
ST LAWRENCE____ 23600	18.12 -1.12 0.00	15.75 -1.06 0.58	16.10 -1.05 0.00	15.04 -1.07 1.35	16.14 -1.15 1.63	16.16 -1.44 6.43	26.88 -1.84 2.94	27.64 -1.81 1.68	27.70 -1.74 1.19	18.13 -1.59 8.16	23.66 -1.68 3.58	23.89 -1.57 2.18	22.52 -1.34 0.00	21.59 -1.28 0.00	18.48 -1.24 2.02	18.62 -1.24 1.83	24.80 -1.47 0.00	37.25 -2.05 0.00	32.85 -1.98 0.00	30.83 -1.86 0.00	26.61 -1.58 0.00	25.95 -1.54 0.00	20.09 -1.21 0.00	24.49 -1.48 0.00
STATION 5_MISC_HYD 23604	21.36 -0.15 -2.28	19.44 -0.07 -2.13	18.69 -0.03 -1.58	18.93 -0.07 -1.54	20.43 -0.06 -1.56	25.49 -0.24 -1.69	32.20 -0.51 -1.05	31.36 -0.22 -0.45	30.99 -0.28 -0.64	28.40 -0.25 -0.78	28.15 -0.32 0.45	27.70 -0.58 -0.64	25.21 -0.31 -1.67	24.39 -0.32 -1.84	23.67 -0.26 -2.19	23.52 -0.26 -2.09	28.44 -0.34 -2.51	38.64 -0.71 -0.05	34.82 -0.42 -0.40	32.44 -0.33 -0.08	30.01 -0.37 -2.19	29.38 -0.38 -2.28	24.00 -0.30 -3.00	27.65 -0.39 -2.06

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.60 0.08 -2.29	19.64 0.12 -2.13	18.88 0.15 -1.59	19.15 0.14 -1.54	20.68 0.19 -1.57	25.83 0.10 -1.69	32.95 0.06 -1.23	32.21 0.28 -0.80	31.65 0.06 -0.96	29.02 0.06 -1.09	28.92 0.00 -0.01	28.44 -0.11 -0.91	25.69 0.02 -1.81	24.86 0.00 -2.00	24.06 0.00 -2.32	23.96 0.00 -2.27	29.01 0.05 -2.68	39.74 -0.16 -0.60	35.84 0.07 -0.93	33.33 0.07 -0.57	30.61 0.03 -2.39	29.88 0.00 -2.39	24.38 -0.02 -3.10	28.03 -0.03 -2.08
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.21 -0.29 -2.26	19.30 -0.19 -2.11	18.56 -0.15 -1.57	18.80 -0.19 -1.53	20.28 -0.19 -1.55	25.32 -0.39 -1.67	32.07 -0.70 -1.11	31.30 -0.41 -0.58	30.89 -0.49 -0.76	28.31 -0.45 -0.89	28.13 -0.52 0.27	27.66 -0.72 -0.74	25.11 -0.45 -1.71	24.29 -0.46 -1.88	23.56 -0.39 -2.22	23.44 -0.39 -2.14	28.35 -0.47 -2.55	38.61 -0.94 -0.26	34.85 -0.59 -0.60	32.43 -0.52 -0.27	29.90 -0.54 -2.25	29.24 -0.55 -2.30	23.88 -0.43 -3.01	27.48 -0.55 -2.05
STEEL___WIND 323596	22.41 0.06 -3.12	20.43 0.14 -2.90	19.60 0.29 -2.17	19.71 0.14 -2.11	21.23 0.17 -2.14	26.18 -0.17 -2.30	48.72 -0.51 -17.57	64.30 -0.44 -33.61	60.70 -0.46 -30.53	57.63 -0.36 -30.12	70.95 -0.23 -42.27	53.12 -0.63 -26.12	38.53 -0.45 -15.13	38.90 -0.37 -16.40	36.41 -0.30 -14.98	40.51 -0.32 -19.14	44.54 -0.55 -18.82	89.25 -1.18 -51.13	83.90 -0.70 -49.76	78.45 -0.56 -46.32	48.72 -0.62 -21.16	40.43 -0.52 -13.47	34.17 -0.32 -13.19	30.28 -0.31 -4.62
STEBEN_REC_LFGE 323667	24.11 0.73 -4.14	21.98 0.73 -3.86	20.81 0.79 -2.88	21.05 0.79 -2.80	22.67 0.91 -2.84	28.09 0.99 -3.06	40.76 1.17 -7.93	45.57 1.31 -13.14	43.81 0.95 -12.23	41.00 0.87 -12.26	45.15 1.04 -15.20	39.20 0.97 -10.59	32.47 0.79 -7.83	32.20 0.80 -8.53	30.93 0.74 -8.45	32.28 0.71 -9.87	37.47 0.89 -10.30	59.43 0.98 -19.15	55.09 1.15 -19.10	51.19 1.11 -17.40	39.88 0.93 -10.76	36.48 0.99 -8.00	31.01 0.87 -8.84	31.63 1.25 -4.41
STONY___BROOK 24151	42.01 3.00 -19.77	37.79 2.66 -17.74	33.08 2.67 -13.26	34.38 2.71 -14.21	34.44 2.69 -12.83	44.99 3.68 -17.27	60.56 5.06 -23.84	63.93 5.32 -27.48	62.80 5.27 -26.91	62.74 4.74 -30.12	62.84 5.03 -28.89	61.73 4.73 -29.37	59.55 4.03 -31.67	60.04 3.93 -33.23	60.54 3.74 -35.06	60.54 3.75 -35.10	70.54 4.65 -39.62	83.15 6.80 -37.05	85.50 6.03 -44.64	77.43 5.66 -39.09	74.60 5.04 -41.37	64.97 4.89 -32.59	59.59 3.66 -34.63	57.79 4.36 -27.45
STURGEON_POOL_HYD 23609	40.56 1.46 -19.86	37.19 1.30 -18.50	32.23 1.30 -13.79	32.20 1.33 -13.41	33.91 1.38 -13.60	40.47 1.75 -14.67	53.17 2.31 -19.20	58.14 2.55 -24.45	57.11 2.45 -24.03	54.93 2.20 -24.85	54.06 2.34 -22.80	51.13 2.18 -21.31	48.22 1.81 -22.55	49.40 1.85 -24.68	49.98 1.74 -26.50	51.77 1.76 -28.32	59.73 2.47 -30.98	74.92 3.85 -31.77	71.89 3.42 -33.64	64.87 3.17 -29.02	60.85 2.71 -29.96	56.01 2.64 -25.88	54.47 1.87 -31.30	46.97 2.21 -18.79
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.39 1.62 -17.54	35.17 1.44 -16.34	30.73 1.41 -12.18	30.74 1.43 -11.85	32.43 1.49 -12.01	38.95 1.95 -12.96	51.34 2.72 -16.96	55.69 2.96 -21.60	54.76 2.91 -21.22	52.44 2.62 -21.95	51.89 2.84 -20.14	49.11 2.65 -18.82	46.01 2.24 -19.92	46.88 2.22 -21.80	47.24 2.09 -23.41	48.81 2.10 -25.02	57.12 2.58 -28.27	72.25 3.97 -28.98	69.05 3.52 -30.69	62.43 3.27 -26.48	58.31 2.79 -27.34	53.80 2.70 -23.62	51.79 1.94 -28.56	45.42 2.31 -17.14
SYNERGY___BIOGAS 323694	21.73 -0.11 -2.61	19.80 -0.02 -2.43	19.06 0.10 -1.81	19.22 0.00 -1.76	20.75 0.04 -1.79	25.70 -0.26 -1.93	32.93 -0.47 -1.75	32.38 -0.37 -1.63	31.93 -0.43 -1.73	29.41 -0.33 -1.87	29.47 -0.38 -0.93	28.42 -0.80 -1.59	25.72 -0.48 -2.35	25.01 -0.44 -2.58	24.28 -0.37 -2.91	24.26 -0.37 -2.94	29.15 -0.53 -3.40	40.06 -1.02 -1.78	36.37 -0.59 -2.12	33.81 -0.52 -1.65	30.75 -0.56 -3.13	29.90 -0.55 -2.96	24.64 -0.41 -3.74	27.87 -0.52 -2.42
SYRACUSE___ENERGY_ST1 323597	21.29 0.15 -1.90	19.33 0.17 -1.77	18.62 0.15 -1.32	18.92 0.17 -1.28	20.43 0.21 -1.30	25.68 0.24 -1.40	33.72 0.22 -1.84	33.71 0.25 -2.34	33.02 0.09 -2.30	30.33 0.08 -2.38	31.21 0.12 -2.18	29.82 0.14 -2.04	26.08 0.07 -2.16	25.30 0.07 -2.36	24.32 0.04 -2.53	24.44 0.04 -2.71	29.36 0.08 -3.01	42.45 0.08 -3.08	38.24 0.14 -3.26	35.60 0.10 -2.81	31.17 0.08 -2.91	30.06 0.06 -2.51	24.38 0.04 -3.04	27.90 0.10 -1.82
SYRACUSE___ENERGY_ST2 323598	21.29 0.15 -1.90	19.33 0.17 -1.77	18.62 0.15 -1.32	18.92 0.17 -1.28	20.43 0.21 -1.30	25.68 0.24 -1.40	33.72 0.22 -1.84	33.71 0.25 -2.34	33.02 0.09 -2.30	30.33 0.08 -2.38	31.21 0.12 -2.18	29.82 0.14 -2.04	26.08 0.07 -2.16	25.30 0.07 -2.36	24.32 0.04 -2.53	24.44 0.04 -2.71	29.36 0.08 -3.01	42.45 0.08 -3.08	38.24 0.14 -3.26	35.60 0.10 -2.81	31.17 0.08 -2.91	30.06 0.06 -2.51	24.38 0.04 -3.04	27.90 0.10 -1.82
SYRACUSE___POWER 24017	21.40 0.19 -1.98	19.42 0.19 -1.84	18.69 0.17 -1.37	18.99 0.19 -1.33	20.50 0.23 -1.35	25.79 0.29 -1.46	33.85 0.28 -1.91	33.87 0.31 -2.43	33.20 0.18 -2.39	30.51 0.17 -2.47	31.38 0.20 -2.27	29.95 0.19 -2.12	26.24 0.14 -2.24	25.44 0.11 -2.45	24.49 0.11 -2.64	24.62 0.11 -2.82	29.56 0.16 -3.13	42.70 0.20 -3.20	38.48 0.25 -3.39	35.81 0.20 -2.93	31.35 0.14 -3.02	30.21 0.11 -2.61	24.54 0.09 -3.16	28.03 0.16 -1.89
TRIGEN___CC 323695	47.92 2.35 -26.33	39.03 2.09 -19.56	34.03 2.04 -14.85	42.25 2.06 -22.73	33.84 2.06 -12.86	48.75 2.79 -21.92	62.15 3.83 -26.67	75.56 4.11 -40.32	75.32 4.11 -40.59	75.31 3.65 -43.79	71.00 3.88 -38.22	70.76 3.65 -39.47	62.79 3.12 -35.82	63.18 3.07 -37.24	62.63 2.89 -38.00	62.63 2.91 -38.03	73.36 3.55 -43.54	93.83 5.42 -49.10	107.59 4.74 -68.01	97.53 4.44 -60.39	83.95 3.80 -51.96	78.30 3.68 -47.12	66.90 2.81 -42.79	56.55 3.38 -27.20
UNION___PROCESSING_DRP 323587	21.34 -0.19 -2.29	19.42 -0.10 -2.14	18.67 -0.07 -1.59	18.91 -0.10 -1.55	20.40 -0.09 -1.57	25.42 -0.31 -1.69	32.17 -0.60 -1.12	31.39 -0.31 -0.57	30.98 -0.40 -0.75	28.43 -0.33 -0.89	28.22 -0.40 0.29	27.72 -0.66 -0.74	25.17 -0.41 -1.73	24.38 -0.39 -1.90	23.63 -0.35 -2.24	23.50 -0.35 -2.16	28.44 -0.42 -2.58	38.67 -0.86 -0.24	34.90 -0.52 -0.59	32.48 -0.46 -0.25	29.98 -0.48 -2.27	29.32 -0.49 -2.33	23.98 -0.36 -3.05	27.58 -0.47 -2.08
UPPER HUDSON___HYD 24058	46.17 1.21 -25.72	42.52 1.15 -23.99	36.15 1.15 -17.86	36.04 1.15 -17.43	37.97 1.36 -17.68	44.90 1.59 -19.27	59.09 2.44 -24.99	65.05 2.18 -31.74	64.25 2.45 -31.17	62.74 2.34 -32.52	60.96 2.37 -29.68	57.45 2.13 -27.68	55.07 2.00 -29.21	56.68 1.85 -31.96	57.93 1.78 -34.41	60.23 1.78 -36.76	68.92 2.08 -40.57	83.79 3.18 -41.31	81.71 2.82 -44.05	73.33 2.65 -38.00	69.62 2.20 -39.24	63.62 2.23 -33.90	64.01 1.72 -40.99	52.30 1.90 -24.43
UPPER RAQUET___HYD 24056	17.66 -1.58 0.00	15.40 -1.53 0.46	15.63 -1.51 0.00	14.87 -1.52 1.08	16.00 -1.63 1.30	16.93 -2.00 5.12	26.75 -2.56 2.34	27.18 -2.61 1.34	27.17 -2.51 0.95	19.18 -2.20 6.49	23.67 -2.40 2.85	23.64 -2.27 1.73	21.92 -1.93 0.00	20.95 -1.92 0.00	18.28 -1.85 1.61	18.39 -1.84 1.46	24.15 -2.13 0.00	36.55 -2.75 0.00	32.09 -2.75 0.00	30.10 -2.58 0.00	25.93 -2.26 0.00	25.29 -2.20 0.00	19.51 -1.79 0.00	23.84 -2.13 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.37 1.94 -8.19	26.75 1.74 -7.63	24.54 1.71 -5.69	24.76 1.76 -5.53	26.46 1.93 -5.61	32.57 2.48 -6.05	43.18 3.61 -7.92	44.51 3.30 -10.08	43.90 3.37 -9.91	41.27 3.15 -10.25	41.38 3.06 -9.40	39.44 3.01 -8.78	35.65 2.50 -9.30	35.33 2.29 -10.17	34.82 2.15 -10.93	35.65 2.28 -11.68	42.02 2.78 -12.96	56.88 4.32 -13.26	52.78 3.87 -14.07	48.52 3.69 -12.14	43.85 3.13 -12.53	41.43 3.11 -10.83	36.69 2.30 -13.09	36.72 2.91 -7.84
VISCHER___FERRY HYD 24020	46.16 1.39 -25.53	42.48 1.29 -23.81	36.14 1.27 -17.73	36.05 1.29 -17.30	37.91 1.44 -17.55	44.94 1.78 -19.12	59.00 2.53 -24.81	65.03 2.40 -31.51	64.08 2.51 -30.94	62.49 2.34 -32.28	60.74 2.37 -29.46	57.30 2.18 -27.48	54.78 1.93 -29.00	56.40 1.81 -31.73	57.64 1.74 -34.16	59.92 1.74 -36.49	68.59 2.05 -40.26	83.49 3.07 -41.12	81.27 2.72 -43.71	72.95 2.55 -37.71	69.26 2.14 -38.94	63.22 2.09 -33.64	63.65 1.68 -40.67	52.24 1.95 -24.32
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.13 1.77 -18.13	35.84 1.57 -16.88	31.27 1.54 -12.59	31.26 1.55 -12.24	32.96 1.63 -12.41	39.55 2.12 -13.39	52.16 2.97 -17.53	56.71 3.27 -22.32	55.77 3.22 -21.93	53.42 2.87 -22.68	52.85 3.12 -20.81	50.01 2.93 -19.44	46.91 2.48 -20.58	47.86 2.47 -22.52	48.26 2.33 -24.19	49.88 2.34 -25.85	58.34 2.89 -29.18	73.65 4.44 -29.91	70.42 3.90 -31.68	63.64 3.63 -27.33	59.53 3.13 -28.22	54.86 3.00 -24.38	52.95 2.17 -29.47	46.23 2.57 -17.69
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.10 2.12 -18.74	36.73 1.88 -17.46	31.97 1.82 -13.02	31.97 1.85 -12.66	33.69 1.93 -12.84	40.39 2.50 -13.85	53.36 3.58 -18.13	58.14 3.92 -23.09	57.21 3.89 -22.69	54.85 3.51 -23.47	54.70 3.85 -21.94	52.66 3.62 -21.40	51.07 3.08 -24.14	49.66 3.02 -23.77	50.01 2.85 -25.43	51.60 2.84 -27.07	60.35 3.50 -30.58	75.46 5.27 -30.90	72.19 4.63 -32.72	65.23 4.31 -28.23	61.02 3.69 -29.14	56.24 3.57 -25.17	54.38 2.64 -30.44	47.38 3.14 -18.26
WADING RIVER_IC_1 23522	42.03 3.08 -19.72	37.86 2.75 -17.73	33.15 2.76 -13.25	34.41 2.81 -14.13	34.54 2.78 -12.83	45.07 3.80 -17.23	60.69 5.22 -23.81	63.98 5.48 -27.37	62.85 5.42 -26.80	62.74 4.85 -30.02	62.91 5.17 -28.82	61.79 4.87 -29.29	59.61 4.13 -31.63	60.09 4.03 -33.20	60.60 3.83 -35.04	60.60 3.84 -35.07	70.59 4.73 -39.59	83.28 7.03 -36.95	85.63 6.34 -44.45	77.55 5.95 -38.92	74.63 5.16 -41.29	65.00 5.03 -32.47	59.61 3.75 -34.56	57.92 4.49 -27.45
WADING RIVER_IC_2 23547	42.03 3.08 -19.72	37.86 2.75 -17.73	33.15 2.76 -13.25	34.41 2.81 -14.13	34.54 2.78 -12.83	45.07 3.80 -17.23	60.69 5.22 -23.81	63.98 5.48 -27.37	62.85 5.42 -26.80	62.74 4.85 -30.02	62.91 5.17 -28.82	61.79 4.87 -29.29	59.61 4.13 -31.63	60.09 4.03 -33.20	60.60 3.83 -35.04	60.60 3.84 -35.07	70.59 4.73 -39.59	83.28 7.03 -36.95	85.63 6.34 -44.45	77.55 5.95 -38.92	74.63 5.16 -41.29	65.00 5.03 -32.47	59.61 3.75 -34.56	57.92 4.49 -27.45
WADING RIVER_IC_3 23601	42.03 3.08 -19.72	37.86 2.75 -17.73	33.15 2.76 -13.25	34.41 2.81 -14.13	34.54 2.78 -12.83	45.07 3.80 -17.23	60.69 5.22 -23.81	63.98 5.48 -27.37	62.85 5.42 -26.80	62.74 4.85 -30.02	62.91 5.17 -28.82	61.79 4.87 -29.29	59.61 4.13 -31.63	60.09 4.03 -33.20	60.60 3.83 -35.04	60.60 3.84 -35.07	70.59 4.73 -39.59	83.28 7.03 -36.95	85.63 6.34 -44.45	77.55 5.95 -38.92	74.63 5.16 -41.29	65.00 5.03 -32.47	59.61 3.75 -34.56	57.92 4.49 -27.45
WALDEN___HYDRO 24148	39.60 1.71 -18.66	36.28 1.51 -17.38	31.59 1.49 -12.95	31.58 1.52 -12.60	33.29 1.59 -12.78	39.87 2.04 -13.78	52.51 2.82 -18.04	57.24 3.14 -22.97	56.26 3.06 -22.57	53.98 2.76 -23.34	53.28 2.95 -21.42	50.39 2.74 -20.01	47.33 2.29 -21.19	48.34 2.29 -23.18	48.81 2.17 -24.90	50.49 2.19 -26.61	58.86 2.76 -29.82	74.20 4.32 -30.58	71.02 3.80 -32.38	64.18 3.56 -27.93	60.04 3.02 -28.84	55.32 2.91 -24.92	53.49 2.07 -30.13	46.47 2.42 -18.08
WARRENSBURG____ 23737	46.17 1.21 -25.72	42.52 1.15 -23.99	36.15 1.15 -17.86	36.04 1.15 -17.43	37.97 1.36 -17.68	44.90 1.59 -19.27	59.09 2.44 -24.99	65.05 2.18 -31.74	64.25 2.45 -31.17	62.74 2.34 -32.52	60.96 2.37 -29.68	57.45 2.13 -27.68	55.07 2.00 -29.21	56.68 1.85 -31.96	57.93 1.78 -34.41	60.23 1.78 -36.76	68.92 2.08 -40.57	83.79 3.18 -41.31	81.71 2.82 -44.05	73.33 2.65 -38.00	69.62 2.20 -39.24	63.62 2.23 -33.90	64.01 1.72 -40.99	52.30 1.90 -24.43
WATERSIDE___6 8 9 23538	40.20 2.21 -18.75	36.80 1.95 -17.47	32.07 1.90 -13.02	32.05 1.92 -12.67	33.79 2.03 -12.84	40.44 2.55 -13.85	53.39 3.61 -18.13	58.21 3.99 -23.10	57.25 3.92 -22.70	54.89 3.54 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.87 3.08 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.64 3.50 -30.87	75.51 5.30 -30.91	72.24 4.67 -32.73	65.27 4.35 -28.24	61.09 3.75 -29.15	56.30 3.63 -25.18	54.45 2.71 -30.44	47.52 3.27 -18.27
WDELAWARE___HYD 323627	37.80 1.25 -17.31	34.61 1.10 -16.13	30.28 1.11 -12.02	30.29 1.13 -11.69	31.95 1.17 -11.86	38.35 1.52 -12.79	50.43 2.03 -16.74	54.78 2.34 -21.32	53.81 2.23 -20.95	51.55 2.01 -21.67	50.88 2.08 -19.88	48.15 1.93 -18.57	45.04 1.53 -19.66	45.98 1.60 -21.51	46.37 1.52 -23.11	47.95 1.56 -24.69	55.73 2.08 -27.38	70.75 3.38 -28.07	67.56 3.00 -29.72	61.10 2.78 -25.64	57.03 2.37 -26.48	52.64 2.28 -22.87	50.47 1.51 -27.66	44.31 1.74 -16.60
WEST BABYLON___IC 23714	43.40 2.96 -21.20	38.15 2.63 -18.14	33.37 2.62 -13.60	36.19 2.65 -16.07	34.41 2.65 -12.84	46.08 3.63 -18.41	61.30 5.03 -24.61	66.68 5.29 -30.26	65.64 5.14 -29.87	65.55 4.60 -33.08	64.65 4.83 -30.91	63.73 4.53 -31.55	60.28 3.86 -32.57	60.75 3.77 -34.10	61.13 3.59 -35.81	61.13 3.60 -35.84	71.21 4.47 -40.47	85.67 6.72 -39.66	90.46 5.92 -49.70	81.94 5.56 -43.70	76.61 4.76 -43.67	67.87 4.65 -35.74	61.27 3.58 -36.39	58.02 4.31 -27.74
WEST CANADA___HYD 24049	18.98 0.25 0.51	17.19 0.24 0.44	17.03 0.24 0.35	17.43 0.24 0.28	18.92 0.26 0.27	24.30 0.34 0.07	31.75 0.44 0.35	30.99 0.40 0.54	30.47 0.40 0.56	28.01 0.39 0.25	28.87 0.37 0.41	27.56 0.36 0.44	23.59 0.31 0.57	22.54 0.30 0.63	21.44 0.28 0.58	21.34 0.28 0.63	25.82 0.34 0.80	38.96 0.51 0.84	34.39 0.42 0.87	32.36 0.42 0.75	27.75 0.34 0.77	27.18 0.36 0.67	20.77 0.28 0.81	25.83 0.34 0.48
WESTERN_NY_WIND 24143	21.75 -0.11 -2.62	19.81 -0.02 -2.44	19.07 0.10 -1.82	19.23 0.00 -1.77	20.74 0.02 -1.79	25.69 -0.29 -1.94	32.92 -0.51 -1.77	32.39 -0.41 -1.67	31.94 -0.46 -1.77	29.42 -0.36 -1.91	29.49 -0.40 -0.98	28.43 -0.83 -1.62	25.72 -0.50 -2.37	25.02 -0.46 -2.60	24.29 -0.39 -2.94	24.28 -0.39 -2.97	29.15 -0.55 -3.43	40.04 -1.10 -1.84	36.40 -0.63 -2.19	33.84 -0.56 -1.71	30.75 -0.59 -3.16	29.87 -0.60 -2.98	24.64 -0.43 -3.77	27.86 -0.55 -2.43
WESTOVER___LESR 323668	26.14 0.65 -6.25	23.82 0.61 -5.83	22.10 0.62 -4.34	22.30 0.61 -4.22	23.89 0.68 -4.28	29.48 0.82 -4.62	39.76 1.08 -7.03	41.95 1.12 -9.70	40.97 0.98 -9.37	38.33 0.87 -9.59	39.65 0.95 -9.78	36.79 0.91 -8.24	32.47 0.74 -7.88	32.19 0.71 -8.61	31.49 0.67 -9.07	32.25 0.65 -9.91	37.92 0.82 -10.83	53.68 1.14 -13.24	49.69 1.11 -13.73	45.81 1.05 -12.08	39.73 0.87 -10.68	37.24 0.85 -8.90	32.49 0.64 -10.55	32.97 0.88 -6.11

WETHRSFD_WT_PWR 323626	22.86 0.12 -3.51	20.83 0.17 -3.27	19.87 0.29 -2.44	20.02 0.19 -2.37	21.55 0.23 -2.40	26.63 0.00 -2.59	42.98 -0.25 -11.58	51.98 -0.22 -21.07	49.62 -0.31 -19.30	46.79 -0.22 -19.14	54.60 -0.12 -25.80	43.83 -0.39 -16.57	34.07 -0.29 -10.51	34.07 -0.21 -11.40	32.31 -0.20 -10.77	34.74 -0.22 -13.27	39.30 -0.34 -13.36	70.04 -0.86 -31.61	65.40 -0.45 -31.01	60.99 -0.36 -28.66	42.38 -0.39 -14.59	37.06 -0.33 -9.90	31.35 -0.17 -10.22	30.15 -0.10 -4.28
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.09 1.71 -18.15	35.80 1.51 -16.90	31.23 1.49 -12.60	31.22 1.50 -12.26	32.92 1.57 -12.43	39.49 2.04 -13.41	52.11 2.91 -17.55	56.65 3.18 -22.34	55.71 3.13 -21.95	53.36 2.79 -22.71	52.81 3.06 -20.83	49.98 2.87 -19.47	46.89 2.43 -20.61	47.82 2.40 -22.55	48.24 2.28 -24.22	49.85 2.28 -25.88	58.29 2.81 -29.21	73.52 4.28 -29.94	70.31 3.76 -31.71	63.57 3.53 -27.35	59.45 3.02 -28.25	54.81 2.91 -24.40	52.91 2.11 -29.50	46.20 2.52 -17.71
YORK__WARBASSE 23770	40.36 2.37 -18.75	36.94 2.09 -17.47	32.19 2.02 -13.02	32.17 2.04 -12.67	33.93 2.16 -12.85	40.56 2.67 -13.85	53.52 3.73 -18.13	58.34 4.11 -23.10	57.34 4.01 -22.70	54.95 3.60 -23.48	54.96 3.85 -22.20	53.47 3.62 -22.21	52.89 3.10 -25.94	49.96 3.02 -24.07	50.28 2.85 -25.69	51.84 2.86 -27.29	60.70 3.55 -30.87	75.71 5.50 -30.91	72.45 4.88 -32.73	65.46 4.54 -28.24	61.23 3.89 -29.15	56.49 3.82 -25.18	54.62 2.87 -30.44	47.67 3.43 -18.27