

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/14/2022

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	50.59	48.17	45.24	43.52	45.41	48.30	61.58	72.10	72.58	64.22	60.60	59.22	58.71	58.93	58.92	60.13	60.04	69.55	79.06	79.73	65.19	56.06	53.05	49.24
24138	2.30	2.38	1.76	1.11	1.87	2.29	3.12	3.50	3.48	3.13	3.08	2.82	2.34	2.08	2.12	1.98	2.04	3.18	3.72	3.71	3.52	2.86	2.61	1.88
	-17.61	-12.69	-18.39	-26.50	-17.55	-15.01	-17.35	-22.57	-23.90	-19.85	-16.41	-18.24	-25.25	-29.08	-28.88	-32.06	-31.83	-25.14	-29.44	-31.26	-17.71	-16.03	-16.58	-23.01
74TH STREET_GT_1	50.67	48.29	45.34	43.59	45.49	48.37	61.68	75.12	79.18	75.51	73.35	73.33	73.45	73.43	73.52	73.03	73.26	79.13	80.33	80.09	74.94	66.68	62.45	51.02
24260	2.36	2.48	1.86	1.18	1.95	2.35	3.21	3.54	3.57	3.18	3.17	2.90	2.40	2.14	2.18	2.04	2.07	3.30	3.81	3.80	3.61	2.94	2.67	1.92
	-17.63	-12.70	-18.40	-26.51	-17.55	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
74TH STREET_GT_2	50.67	48.29	45.34	43.59	45.49	48.37	61.68	75.12	79.18	75.51	73.35	73.33	73.45	73.43	73.52	73.03	73.26	79.13	80.33	80.09	74.94	66.68	62.45	51.02
24261	2.36	2.48	1.86	1.18	1.95	2.35	3.21	3.54	3.57	3.18	3.17	2.90	2.40	2.14	2.18	2.04	2.07	3.30	3.81	3.80	3.61	2.94	2.67	1.92
	-17.63	-12.70	-18.40	-26.51	-17.55	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
ADK HUDSON___FALLS	55.75	51.72	50.78	51.94	50.57	52.49	66.54	78.80	79.87	67.85	62.43	57.32	54.05	55.40	55.27	57.58	68.83	76.41	87.77	89.14	69.79	60.05	54.99	53.72
24011	1.66	1.75	1.23	0.79	1.25	1.55	2.38	2.99	3.39	3.01	2.63	2.29	1.71	1.53	1.53	1.43	1.36	2.47	2.80	2.82	3.03	2.38	1.83	1.22
	-23.41	-16.87	-24.46	-35.24	-23.33	-19.95	-23.05	-29.78	-31.28	-23.61	-18.69	-16.87	-21.22	-26.10	-25.82	-30.06	-41.30	-32.70	-39.08	-41.56	-22.79	-20.49	-19.29	-28.15
ADK RESOURCE___RCVRY	55.92	51.90	50.89	52.05	50.69	52.66	66.81	79.15	80.30	68.20	62.73	57.56	54.19	55.53	55.43	57.70	68.99	76.64	88.13	89.49	70.16	60.28	55.17	53.84
23798	1.81	1.92	1.33	0.87	1.35	1.70	2.63	3.32	3.80	3.34	2.92	2.52	1.84	1.64	1.68	1.54	1.49	2.68	3.12	3.13	3.39	2.60	2.00	1.31
	-23.43	-16.88	-24.48	-35.27	-23.35	-19.96	-23.07	-29.80	-31.31	-23.63	-18.70	-16.89	-21.23	-26.12	-25.84	-30.08	-41.33	-32.73	-39.11	-41.59	-22.81	-20.51	-19.31	-28.17
ADK S GLENS___FALLS	55.75	51.72	50.78	51.94	50.57	52.49	66.54	78.80	79.87	67.85	62.43	57.32	54.05	55.40	55.27	57.58	68.83	76.41	87.77	89.14	69.79	60.05	54.99	53.72
24028	1.66	1.75	1.23	0.79	1.25	1.55	2.38	2.99	3.39	3.01	2.63	2.29	1.71	1.53	1.53	1.43	1.36	2.47	2.80	2.82	3.03	2.38	1.83	1.22
	-23.41	-16.87	-24.46	-35.24	-23.33	-19.95	-23.05	-29.78	-31.28	-23.61	-18.69	-16.87	-21.22	-26.10	-25.82	-30.06	-41.30	-32.70	-39.08	-41.56	-22.79	-20.49	-19.29	-28.15
ADK_NYS___DAM	54.44	50.68	49.71	50.61	49.51	51.45	65.02	76.70	77.34	65.92	60.98	56.26	53.13	54.40	54.22	56.40	67.30	74.87	85.75	86.82	67.94	58.51	53.91	52.42
23527	1.10	1.26	0.95	0.60	0.93	1.15	1.60	1.84	1.90	1.86	1.81	1.79	1.49	1.39	1.34	1.25	1.20	2.02	2.07	1.88	1.93	1.52	1.39	0.85
	-22.66	-16.32	-23.67	-34.10	-22.58	-19.30	-22.31	-28.82	-30.25	-22.83	-18.07	-16.31	-20.51	-25.23	-24.96	-29.06	-39.93	-31.62	-37.78	-40.18	-22.04	-19.81	-18.65	-27.22
AIR_PRODUCTS___DRP	53.76	49.81	49.18	50.53	49.00	50.78	63.88	75.37	76.17	64.67	59.69	54.94	52.07	53.52	53.39	55.69	66.75	73.70	84.65	85.89	66.76	57.56	52.99	52.01
24190	0.12	0.17	0.10	0.06	0.13	0.22	0.17	0.14	0.36	0.33	0.29	0.27	0.19	0.20	0.20	0.18	0.16	0.45	0.51	0.45	0.48	0.33	0.24	0.10
	-22.96	-16.54	-23.98	-34.56	-22.88	-19.56	-22.60	-29.20	-30.62	-23.11	-18.29	-16.52	-20.77	-25.55	-25.27	-29.42	-40.42	-32.01	-38.25	-40.68	-22.31	-20.06	-18.89	-27.55
ALBANY___1	53.76	49.81	49.18	50.53	49.00	50.78	63.88	75.37	76.17	64.67	59.69	54.94	52.07	53.52	53.39	55.69	66.75	73.70	84.65	85.89	66.76	57.56	52.99	52.01
23571	0.12	0.17	0.10	0.06	0.13	0.22	0.17	0.14	0.36	0.33	0.29	0.27	0.19	0.20	0.20	0.18	0.16	0.45	0.51	0.45	0.48	0.33	0.24	0.10
	-22.96	-16.54	-23.98	-34.56	-22.88	-19.56	-22.60	-29.20	-30.62	-23.11	-18.29	-16.52	-20.77	-25.55	-25.27	-29.42	-40.42	-32.01	-38.25	-40.68	-22.31	-20.06	-18.89	-27.55
ALBANY___2	53.76	49.81	49.18	50.53	49.00	50.78	63.88	75.37	76.17	64.67	59.69	54.94	52.07	53.52	53.39	55.69	66.75	73.70	84.65	85.89	66.76	57.56	52.99	52.01
23572	0.12	0.17	0.10	0.06	0.13	0.22	0.17	0.14	0.36	0.33	0.29	0.27	0.19	0.20	0.20	0.18	0.16	0.45	0.51	0.45	0.48	0.33	0.24	0.10
	-22.96	-16.54	-23.98	-34.56	-22.88	-19.56	-22.60	-29.20	-30.62	-23.11	-18.29	-16.52	-20.77	-25.55	-25.27	-29.42	-40.42	-32.01	-38.25	-40.68	-22.31	-20.06	-18.89	-27.55
ALBANY___3	53.76	49.81	49.18	50.53	49.00	50.78	63.88	75.37	76.17	64.67	59.69	54.94	52.07	53.52	53.39	55.69	66.75	73.70	84.65	85.89	66.76	57.56	52.99	52.01
23573	0.12	0.17	0.10	0.06	0.13	0.22	0.17	0.14	0.36	0.33	0.29	0.27	0.19	0.20	0.20	0.18	0.16	0.45	0.51	0.45	0.48	0.33	0.24	0.10
	-22.96	-16.54	-23.98	-34.56	-22.88	-19.56	-22.60	-29.20	-30.62	-23.11	-18.29	-16.52	-20.77	-25.55	-25.27	-29.42	-40.42	-32.01	-38.25	-40.68	-22.31	-20.06	-18.89	-27.55
ALBANY___4	53.76	49.81	49.18	50.53	49.00	50.78	63.88	75.37	76.17	64.67	59.69	54.94	52.07	53.52	53.39	55.69	66.75	73.70	84.65	85.89	66.76	57.56	52.99	52.01
23574	0.12	0.17	0.10	0.06	0.13	0.22	0.17	0.14	0.36	0.33	0.29	0.27	0.19	0.20	0.20	0.18	0.16	0.45	0.51	0.45	0.48	0.33	0.24	0.10
	-22.96	-16.54	-23.98	-34.56	-22.88	-19.56	-22.60	-29.20	-30.62	-23.11	-18.29	-16.52	-20.77	-25.55	-25.27	-29.42	-40.42	-32.01	-38.25	-40.68	-22.31	-20.06	-18.89	-27.55



ALBANY___LFGE 323615	54.27 0.49 -23.10	50.27 0.53 -16.64	49.57 0.35 -24.13	50.92 0.24 -34.77	49.41 0.39 -23.02	51.21 0.53 -19.68	64.51 0.66 -22.74	76.15 0.73 -29.38	76.96 0.95 -30.81	65.31 0.82 -23.25	60.30 0.78 -18.41	55.50 0.72 -16.62	52.58 0.56 -20.90	53.98 0.50 -25.71	53.85 0.50 -25.43	56.18 0.49 -29.60	67.29 0.44 -40.68	74.35 0.91 -32.21	85.39 1.01 -38.49	86.64 0.94 -40.93	67.43 1.01 -22.45	58.10 0.74 -20.18	53.44 0.58 -19.00	52.40 0.32 -27.73
ALCOA_RYNLDS___DRP 24188	30.03 -0.65 0.00	32.28 -0.83 0.00	24.64 -0.45 0.00	15.51 -0.40 0.00	25.52 -0.47 0.00	30.35 -0.65 0.00	40.29 -0.82 0.00	44.83 -1.20 0.00	43.97 -1.22 0.00	40.21 -1.03 0.00	40.12 -0.99 0.00	37.24 -0.92 0.00	30.37 -0.75 0.00	27.02 -0.75 0.00	27.14 -0.78 0.00	25.20 -0.89 0.00	25.44 -0.73 0.00	40.08 -1.15 0.00	44.43 -1.47 0.00	43.19 -1.57 0.00	42.21 -1.76 0.00	36.32 -0.85 0.00	33.22 -0.64 0.00	23.80 -0.56 0.00
ALCOA___DSASP 323711	30.03 -0.65 0.00	32.28 -0.83 0.00	24.64 -0.45 0.00	15.51 -0.40 0.00	25.52 -0.47 0.00	30.35 -0.65 0.00	40.29 -0.82 0.00	44.83 -1.20 0.00	43.97 -1.22 0.00	40.21 -1.03 0.00	40.12 -0.99 0.00	37.24 -0.92 0.00	30.37 -0.75 0.00	27.02 -0.75 0.00	27.14 -0.78 0.00	25.20 -0.89 0.00	25.44 -0.73 0.00	40.08 -1.15 0.00	44.43 -1.47 0.00	43.19 -1.57 0.00	42.21 -1.76 0.00	36.32 -0.85 0.00	33.22 -0.64 0.00	23.80 -0.56 0.00
ALLEGHENY___COGEN 23514	35.91 2.02 -3.21	37.86 2.45 -2.31	30.15 1.71 -3.35	21.91 1.18 -4.82	30.77 1.59 -3.19	35.56 1.83 -2.73	47.02 2.75 -3.16	53.74 3.64 -4.08	52.68 3.48 -4.01	47.14 2.89 -3.02	45.80 2.30 -2.39	42.41 2.10 -2.16	35.39 1.56 -2.72	32.73 1.61 -3.34	32.85 1.62 -3.31	31.66 1.72 -3.85	33.03 1.57 -5.29	48.35 2.93 -4.19	54.53 3.63 -5.01	53.71 3.62 -5.32	50.89 4.00 -2.92	42.11 2.31 -2.63	38.27 1.93 -2.47	29.78 1.80 -3.62
ALTONA_WT_PWR 323606	30.89 0.22 0.00	32.91 -0.20 0.00	24.89 -0.20 0.00	15.48 -0.43 0.00	26.17 0.18 0.00	31.31 0.31 0.00	41.85 0.74 0.00	46.86 0.83 0.00	46.01 0.81 0.00	41.93 0.70 0.00	41.76 0.66 0.00	38.58 0.42 0.00	31.34 0.22 0.00	27.86 0.08 0.00	27.92 0.00 0.00	26.01 -0.08 0.00	26.33 0.16 0.00	41.23 0.00 0.00	45.94 0.05 0.00	44.99 0.22 0.00	43.75 -0.22 0.00	37.62 0.45 0.00	34.34 0.47 0.00	24.57 0.22 0.00
AMERICAN_REF_FUEL 24010	33.19 -0.43 -2.94	35.22 0.00 -2.12	28.14 -0.03 -3.07	20.44 0.11 -4.43	28.71 -0.21 -2.93	33.22 -0.28 -2.50	43.18 -0.82 -2.89	49.03 -0.74 -3.74	47.97 -0.95 -3.73	43.06 -0.99 -2.82	41.82 -1.52 -2.23	38.83 -1.34 -2.01	32.72 -0.93 -2.53	30.30 -0.58 -3.11	30.30 -0.70 -3.08	29.20 -0.47 -3.58	30.31 -0.78 -4.92	44.19 -0.95 -3.90	49.36 -1.19 -4.66	48.55 -1.16 -4.96	46.29 -0.40 -2.72	38.09 -1.53 -2.44	34.84 -1.32 -2.30	27.62 -0.10 -3.36
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.73 0.77 -3.29	36.53 1.06 -2.37	29.20 0.68 -3.44	21.46 0.60 -4.95	29.74 0.47 -3.28	34.23 0.43 -2.80	45.41 1.07 -3.24	51.73 1.52 -4.18	50.49 1.13 -4.16	45.57 1.20 -3.14	44.34 0.74 -2.49	41.01 0.61 -2.25	34.47 0.53 -2.82	31.96 0.72 -3.47	31.86 0.50 -3.43	30.71 0.63 -4.00	32.13 0.47 -5.49	46.90 1.32 -4.35	52.56 1.47 -5.20	51.76 1.47 -5.53	48.89 1.89 -3.03	40.09 0.19 -2.73	36.36 -0.07 -2.57	28.78 0.68 -3.74
ARTHUR_KILL_GT_1 23520	50.77 2.46 -17.64	48.59 2.78 -12.71	45.53 2.03 -18.41	43.71 1.29 -26.52	45.66 2.10 -17.56	48.59 2.57 -15.02	61.64 3.17 -17.36	74.49 2.95 -25.51	78.53 2.98 -30.35	74.57 2.68 -30.66	72.22 2.71 -28.40	71.27 2.44 -30.68	70.39 2.02 -37.25	70.37 1.80 -40.79	70.45 1.84 -40.69	70.74 1.75 -42.91	72.87 1.83 -44.87	78.69 2.97 -34.49	79.92 3.40 -30.62	80.23 3.94 -31.53	74.43 3.21 -27.25	66.18 2.56 -26.45	61.62 2.27 -25.48	50.37 1.66 -24.36
ARTHUR_KILL_2 23512	50.71 2.39 -17.64	48.49 2.68 -12.71	45.45 1.96 -18.41	43.66 1.24 -26.52	45.60 2.05 -17.56	48.50 2.48 -15.02	61.51 3.04 -17.36	74.35 2.81 -25.51	78.39 2.85 -30.35	74.49 2.60 -30.66	72.10 2.59 -28.40	71.20 2.37 -30.68	70.30 1.93 -37.25	70.31 1.75 -40.79	70.37 1.76 -40.69	70.67 1.67 -42.91	72.79 1.75 -44.87	78.56 2.84 -34.49	79.78 3.26 -30.62	80.09 3.80 -31.53	74.29 3.08 -27.25	66.07 2.45 -26.45	61.52 2.17 -25.48	50.29 1.58 -24.36
ARTHUR_KILL_3 23513	50.39 2.09 -17.63	47.96 2.15 -12.70	45.09 1.61 -18.40	43.43 1.02 -26.51	45.23 1.69 -17.55	48.09 2.08 -15.02	61.26 2.80 -17.35	74.67 3.13 -25.50	78.61 3.07 -30.34	74.69 2.81 -30.65	72.29 2.80 -28.39	71.34 2.52 -30.67	70.44 2.09 -37.24	70.44 1.89 -40.78	70.50 1.90 -40.68	70.79 1.80 -42.90	72.86 1.83 -44.86	78.55 2.84 -34.48	79.91 3.40 -30.61	79.68 3.40 -31.52	74.42 3.21 -27.24	66.21 2.60 -26.44	61.78 2.44 -25.47	50.46 1.75 -24.35
ARTHUR_KILL_COGEN 323718	50.77 2.46 -17.64	48.59 2.78 -12.71	45.53 2.03 -18.41	43.71 1.29 -26.52	45.66 2.10 -17.56	48.59 2.57 -15.02	61.64 3.17 -17.36	74.49 2.95 -25.51	78.53 2.98 -30.35	74.57 2.68 -30.66	72.22 2.71 -28.40	71.27 2.44 -30.68	70.39 2.02 -37.25	70.37 1.80 -40.79	70.45 1.84 -40.69	70.74 1.75 -42.91	72.87 1.83 -44.87	78.69 2.97 -34.49	79.92 3.40 -30.62	80.23 3.94 -31.53	74.43 3.21 -27.25	66.18 2.56 -26.45	61.62 2.27 -25.48	50.37 1.66 -24.36
ASHOKAN____ 23654	52.15 1.53 -19.94	49.09 1.62 -14.36	47.20 1.28 -20.83	46.73 0.81 -30.01	47.24 1.38 -19.87	49.66 1.67 -16.99	62.63 1.89 -19.63	73.47 2.07 -25.36	74.25 2.44 -26.61	63.18 1.86 -20.08	58.57 1.56 -15.90	53.96 1.45 -14.35	50.13 0.97 -18.05	50.78 0.81 -22.20	50.80 0.92 -21.97	52.59 0.94 -25.57	62.45 1.15 -35.13	71.16 2.10 -27.82	81.53 2.39 -33.24	82.62 2.51 -35.36	65.42 2.07 -19.39	56.24 1.63 -17.43	51.70 1.42 -16.41	49.40 1.10 -23.95
ASTORIA_EAST_ENERGY_CC1 323581	50.63 2.33 -17.62	48.21 2.42 -12.69	45.23 1.73 -18.41	43.52 1.10 -26.52	45.40 1.85 -17.56	48.24 2.23 -15.01	61.54 3.08 -17.35	74.92 3.41 -25.48	74.73 3.30 -26.24	74.76 3.05 -30.48	59.30 3.04 -15.15	62.28 2.78 -21.34	62.23 2.27 -28.84	61.96 2.06 -32.13	61.93 2.07 -31.94	62.60 1.96 -34.56	69.16 2.02 -40.98	73.92 3.18 -29.51	80.08 3.58 -30.60	79.69 3.67 -31.25	74.63 3.47 -27.19	64.80 2.82 -24.80	61.74 2.57 -25.31	50.38 1.83 -24.20
ASTORIA_EAST_ENERGY_CC2 323582	50.63 2.33 -17.62	48.21 2.42 -12.69	45.23 1.73 -18.41	43.52 1.10 -26.52	45.40 1.85 -17.56	48.24 2.23 -15.01	61.54 3.08 -17.35	74.92 3.41 -25.48	74.73 3.30 -26.24	74.76 3.05 -30.48	59.30 3.04 -15.15	62.28 2.78 -21.34	62.23 2.27 -28.84	61.96 2.06 -32.13	61.93 2.07 -31.94	62.60 1.96 -34.56	69.16 2.02 -40.98	73.88 3.13 -29.51	80.08 3.58 -30.60	79.69 3.67 -31.25	74.63 3.47 -27.19	64.80 2.82 -24.80	61.74 2.57 -25.31	50.38 1.83 -24.20
ASTORIA_GT2_I 24094	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20



ASTORIA_GT2_2 24095	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA_GT2_3 24096	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA_GT2_4 24097	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA_GT3_1 24098	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA_GT3_2 24099	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA_GT3_3 24100	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA_GT3_4 24101	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA_GT4_1 24102	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA_GT4_2 24103	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA_GT4_3 24104	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA_GT4_4 24105	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA_GT_1 23523	50.69 2.39 -17.62	48.28 2.48 -12.69	45.28 1.78 -18.41	43.55 1.13 -26.52	45.45 1.90 -17.56	48.30 2.29 -15.01	61.62 3.17 -17.35	75.01 3.50 -25.48	74.87 3.43 -26.24	74.85 3.13 -30.48	59.42 3.17 -15.15	62.36 2.86 -21.34	62.32 2.36 -28.84	62.01 2.11 -32.13	62.01 2.15 -31.94	62.68 2.04 -34.56	69.24 2.09 -40.98	74.00 3.26 -29.51	80.21 3.72 -30.60	79.82 3.80 -31.25	74.76 3.61 -27.19	64.91 2.94 -24.80	61.82 2.64 -25.31	50.43 1.88 -24.20
ASTORIA_GT_10 24110	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74
ASTORIA_GT_11 24225	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74
ASTORIA_GT_12 24226	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74



ASTORIA_GT_13 24227	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74
ASTORIA_GT_5 24106	50.69 2.39 -17.62	48.28 2.48 -12.69	45.28 1.78 -18.41	43.55 1.13 -26.52	45.45 1.90 -17.56	48.30 2.29 -15.01	61.62 3.17 -17.35	75.01 3.50 -25.48	74.87 3.43 -26.24	74.85 3.13 -30.48	59.42 3.17 -15.15	62.36 2.86 -21.34	62.32 2.36 -28.84	62.01 2.11 -32.13	62.01 2.15 -31.94	62.68 2.04 -34.56	69.24 2.09 -40.98	74.00 3.26 -29.51	80.21 3.72 -30.60	79.82 3.80 -31.25	74.76 3.61 -27.19	64.91 2.94 -24.80	61.82 2.64 -25.31	50.43 1.88 -24.20
ASTORIA_GT_7 24107	50.69 2.39 -17.62	48.28 2.48 -12.69	45.28 1.78 -18.41	43.55 1.13 -26.52	45.45 1.90 -17.56	48.30 2.29 -15.01	61.62 3.17 -17.35	75.01 3.50 -25.48	74.87 3.43 -26.24	74.85 3.13 -30.48	59.42 3.17 -15.15	62.36 2.86 -21.34	62.32 2.36 -28.84	62.01 2.11 -32.13	62.01 2.15 -31.94	62.68 2.04 -34.56	69.24 2.09 -40.98	74.00 3.26 -29.51	80.21 3.72 -30.60	79.82 3.80 -31.25	74.76 3.61 -27.19	64.91 2.94 -24.80	61.82 2.64 -25.31	50.43 1.88 -24.20
ASTORIA_GT_8 24108	50.69 2.39 -17.62	48.28 2.48 -12.69	45.28 1.78 -18.41	43.55 1.13 -26.52	45.45 1.90 -17.56	48.30 2.29 -15.01	61.62 3.17 -17.35	75.01 3.50 -25.48	74.87 3.43 -26.24	74.85 3.13 -30.48	59.42 3.17 -15.15	62.36 2.86 -21.34	62.32 2.36 -28.84	62.01 2.11 -32.13	62.01 2.15 -31.94	62.68 2.04 -34.56	69.24 2.09 -40.98	74.00 3.26 -29.51	80.21 3.72 -30.60	79.82 3.80 -31.25	74.76 3.61 -27.19	64.91 2.94 -24.80	61.82 2.64 -25.31	50.43 1.88 -24.20
ASTORIA___2 24149	50.63 2.33 -17.62	48.21 2.42 -12.69	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.27 2.26 -15.01	61.58 3.12 -17.35	74.92 3.41 -25.48	74.78 3.34 -26.24	74.76 3.05 -30.48	59.34 3.08 -15.15	62.28 2.78 -21.34	62.26 2.30 -28.84	61.96 2.06 -32.13	61.96 2.10 -31.94	62.63 1.98 -34.56	69.19 2.04 -40.98	73.92 3.18 -29.51	80.12 3.63 -30.60	79.73 3.71 -31.25	74.67 3.52 -27.19	64.83 2.86 -24.80	61.74 2.57 -25.31	50.40 1.85 -24.20
ASTORIA___3 23516	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.29 2.24 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74
ASTORIA___4 23517	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.29 2.24 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74
ASTORIA___5 23518	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74
AST_ENERGY_2_CC3 323677	50.42 2.12 -17.63	48.02 2.22 -12.70	45.14 1.66 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.15 2.14 -15.02	61.26 2.80 -17.35	74.59 3.08 -25.48	74.50 3.07 -26.23	74.47 2.76 -30.47	59.00 2.75 -15.14	62.00 2.52 -21.33	62.00 2.05 -28.83	61.75 1.86 -32.12	61.75 1.90 -31.93	62.41 1.77 -34.55	68.94 1.80 -40.97	73.58 2.84 -29.50	79.84 3.35 -30.59	79.36 3.36 -31.24	74.31 3.17 -27.18	64.53 2.56 -24.79	61.55 2.37 -25.31	50.29 1.73 -24.20
AST_ENERGY_2_CC4 323678	50.42 2.12 -17.63	48.02 2.22 -12.70	45.14 1.66 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.15 2.14 -15.02	61.26 2.80 -17.35	74.59 3.08 -25.48	74.50 3.07 -26.23	74.47 2.76 -30.47	59.00 2.75 -15.14	62.00 2.52 -21.33	62.00 2.05 -28.83	61.75 1.86 -32.12	61.75 1.90 -31.93	62.41 1.77 -34.55	68.94 1.80 -40.97	73.58 2.84 -29.50	79.84 3.35 -30.59	79.36 3.36 -31.24	74.31 3.17 -27.18	64.53 2.56 -24.79	61.55 2.37 -25.31	50.29 1.73 -24.20
ATHENS_STG_1 23668	52.06 0.83 -20.55	48.80 0.89 -14.81	47.26 0.70 -21.47	47.29 0.44 -30.94	47.18 0.70 -20.48	49.35 0.84 -17.51	62.41 1.07 -20.24	73.42 1.24 -26.14	73.90 1.26 -27.44	63.10 1.15 -20.71	58.65 1.15 -16.40	54.03 1.07 -14.80	50.60 0.87 -18.61	51.45 0.78 -22.90	51.35 0.78 -22.65	53.21 0.76 -26.37	63.16 0.76 -36.23	71.12 1.20 -28.69	81.56 1.38 -34.28	82.56 1.34 -36.46	65.28 1.32 -20.00	56.23 1.08 -17.98	51.81 1.01 -16.93	49.76 0.71 -24.70
ATHENS_STG_2 23670	52.06 0.83 -20.55	48.80 0.89 -14.81	47.26 0.70 -21.47	47.29 0.44 -30.94	47.18 0.70 -20.48	49.35 0.84 -17.51	62.41 1.07 -20.24	73.42 1.24 -26.14	73.90 1.26 -27.44	63.10 1.15 -20.71	58.65 1.15 -16.40	54.03 1.07 -14.80	50.60 0.87 -18.61	51.45 0.78 -22.90	51.35 0.78 -22.65	53.21 0.76 -26.37	63.16 0.76 -36.23	71.12 1.20 -28.69	81.56 1.38 -34.28	82.56 1.34 -36.46	65.28 1.32 -20.00	56.23 1.08 -17.98	51.81 1.01 -16.93	49.76 0.71 -24.70
ATHENS_STG_3 23677	52.06 0.83 -20.55	48.80 0.89 -14.81	47.26 0.70 -21.47	47.29 0.44 -30.94	47.18 0.70 -20.48	49.35 0.84 -17.51	62.41 1.07 -20.24	73.42 1.24 -26.14	73.90 1.26 -27.44	63.10 1.15 -20.71	58.65 1.15 -16.40	54.03 1.07 -14.80	50.60 0.87 -18.61	51.45 0.78 -22.90	51.35 0.78 -22.65	53.21 0.76 -26.37	63.16 0.76 -36.23	71.12 1.20 -28.69	81.56 1.38 -34.28	82.56 1.34 -36.46	65.28 1.32 -20.00	56.23 1.08 -17.98	51.81 1.01 -16.93	49.76 0.71 -24.70
AUBURN___LFGE 323710	33.94 0.86 -2.41	35.87 1.03 -1.73	28.26 0.65 -2.52	19.99 0.46 -3.62	29.01 0.62 -2.40	33.61 0.56 -2.05	44.63 1.15 -2.37	50.66 1.57 -3.06	49.81 1.45 -3.17	44.99 1.36 -2.40	44.24 1.23 -1.90	40.97 1.11 -1.71	34.14 0.87 -2.15	31.28 0.86 -2.65	31.46 0.92 -2.62	29.99 0.86 -3.05	31.17 0.81 -4.19	45.91 1.36 -3.32	51.56 1.70 -3.96	50.54 1.57 -4.22	47.95 1.67 -2.31	40.18 0.93 -2.08	36.60 0.78 -1.96	27.90 0.68 -2.86
BABYLON_RES_REC 323704	67.70 2.82 -34.20	54.79 2.98 -18.70	49.50 2.28 -22.13	49.59 1.45 -32.24	49.41 2.39 -21.03	48.88 2.79 -15.09	67.86 3.86 -22.89	72.72 4.28 -22.41	73.01 4.30 -23.52	70.44 3.84 -25.37	68.54 3.62 -23.81	67.56 3.28 -26.12	65.60 2.74 -31.74	65.31 2.47 -35.06	65.24 2.51 -34.81	68.37 2.35 -39.93	75.30 2.43 -46.69	77.92 3.71 -32.97	115.93 4.31 -65.72	90.89 4.30 -41.83	82.55 4.13 -34.45	70.87 3.38 -30.32	64.31 3.22 -27.22	63.06 2.34 -36.37



BARON_WINDS___WT_PWR	35.51	37.12	30.04	22.55	30.64	35.18	46.10	52.72	51.86	46.50	45.19	41.76	35.29	32.81	32.89	31.74	33.46	47.93	54.00	53.16	49.78	41.28	37.64	29.71
323822	0.77	1.09	0.70	0.52	0.60	0.71	0.99	1.52	1.76	1.57	1.15	0.95	0.84	0.94	0.92	0.94	0.81	1.57	1.97	1.88	2.24	0.89	0.74	0.95
	-4.06	-2.93	-4.25	-6.12	-4.05	-3.46	-4.00	-5.17	-4.91	-3.70	-2.93	-2.65	-3.33	-4.09	-4.05	-4.72	-6.48	-5.13	-6.13	-6.52	-3.58	-3.21	-3.03	-4.40
BARRETT_IC_1	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23704	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT_IC_10	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23701	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT_IC_11	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23702	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT_IC_12	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23703	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT_IC_2	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23705	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT_IC_3	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23706	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT_IC_4	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23707	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT_IC_5	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23708	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT_IC_6	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23709	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT_IC_7	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23710	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT_IC_8	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23711	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT_IC_9	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23700	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT___1	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23545	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37
BARRETT___2	67.42	54.52	49.28	49.46	49.20	48.69	67.46	72.21	72.51	69.98	68.13	67.29	65.35	65.09	64.99	68.13	74.98	77.46	115.33	90.35	82.07	70.50	63.96	62.82
23546	2.54	2.72	2.06	1.32	2.18	2.60	3.45	3.78	3.80	3.38	3.21	3.01	2.49	2.25	2.26	2.11	2.12	3.26	3.72	3.76	3.65	3.01	2.88	2.09
	-34.20	-18.70	-22.13	-32.24	-21.03	-15.09	-22.89	-22.41	-23.52	-25.37	-23.81	-26.12	-31.74	-35.06	-34.81	-39.93	-46.69	-32.97	-65.72	-41.83	-34.45	-30.32	-27.22	-36.37



BAYONEEC___CTG1 323682	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.18 2.17 -15.02	61.34 2.88 -17.35	74.74 3.22 -25.49	78.66 3.16 -30.31	74.61 2.89 -30.49	72.33 2.83 -28.39	71.42 2.60 -30.67	70.50 2.15 -37.24	70.47 1.91 -40.78	70.55 1.95 -40.68	70.10 1.85 -42.16	72.85 1.89 -44.80	78.59 2.93 -34.43	79.95 3.44 -30.61	79.73 3.45 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.65 2.47 -25.31	50.34 1.78 -24.21
BAYONEEC___CTG10 323750	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.18 2.17 -15.02	61.34 2.88 -17.35	74.74 3.22 -25.49	78.66 3.16 -30.31	74.61 2.89 -30.49	72.33 2.83 -28.39	71.42 2.60 -30.67	70.50 2.15 -37.24	70.47 1.91 -40.78	70.55 1.95 -40.68	70.10 1.85 -42.16	72.85 1.89 -44.80	78.59 2.93 -34.43	79.95 3.44 -30.61	79.73 3.45 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.65 2.47 -25.31	50.34 1.78 -24.21
BAYONEEC___CTG2 323683	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.18 2.17 -15.02	61.34 2.88 -17.35	74.74 3.22 -25.49	78.66 3.16 -30.31	74.61 2.89 -30.49	72.33 2.83 -28.39	71.42 2.60 -30.67	70.50 2.15 -37.24	70.47 1.91 -40.78	70.55 1.95 -40.68	70.10 1.85 -42.16	72.85 1.89 -44.80	78.59 2.93 -34.43	79.95 3.44 -30.61	79.73 3.45 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.65 2.47 -25.31	50.34 1.78 -24.21
BAYONEEC___CTG3 323684	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.18 2.17 -15.02	61.34 2.88 -17.35	74.74 3.22 -25.49	78.66 3.16 -30.31	74.61 2.89 -30.49	72.33 2.83 -28.39	71.42 2.60 -30.67	70.50 2.15 -37.24	70.47 1.91 -40.78	70.55 1.95 -40.68	70.10 1.85 -42.16	72.85 1.89 -44.80	78.59 2.93 -34.43	79.95 3.44 -30.61	79.73 3.45 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.65 2.47 -25.31	50.34 1.78 -24.21
BAYONEEC___CTG4 323685	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.18 2.17 -15.02	61.34 2.88 -17.35	74.74 3.22 -25.49	78.66 3.16 -30.31	74.61 2.89 -30.49	72.33 2.83 -28.39	71.42 2.60 -30.67	70.50 2.15 -37.24	70.47 1.91 -40.78	70.55 1.95 -40.68	70.10 1.85 -42.16	72.85 1.89 -44.80	78.59 2.93 -34.43	79.95 3.44 -30.61	79.73 3.45 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.65 2.47 -25.31	50.34 1.78 -24.21
BAYONEEC___CTG5 323686	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.18 2.17 -15.02	61.34 2.88 -17.35	74.74 3.22 -25.49	78.66 3.16 -30.31	74.61 2.89 -30.49	72.33 2.83 -28.39	71.42 2.60 -30.67	70.50 2.15 -37.24	70.47 1.91 -40.78	70.55 1.95 -40.68	70.10 1.85 -42.16	72.85 1.89 -44.80	78.59 2.93 -34.43	79.95 3.44 -30.61	79.73 3.45 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.65 2.47 -25.31	50.34 1.78 -24.21
BAYONEEC___CTG6 323687	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.18 2.17 -15.02	61.34 2.88 -17.35	74.74 3.22 -25.49	78.66 3.16 -30.31	74.61 2.89 -30.49	72.33 2.83 -28.39	71.42 2.60 -30.67	70.50 2.15 -37.24	70.47 1.91 -40.78	70.55 1.95 -40.68	70.10 1.85 -42.16	72.85 1.89 -44.80	78.59 2.93 -34.43	79.95 3.44 -30.61	79.73 3.45 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.65 2.47 -25.31	50.34 1.78 -24.21
BAYONEEC___CTG7 323688	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.18 2.17 -15.02	61.34 2.88 -17.35	74.74 3.22 -25.49	78.66 3.16 -30.31	74.61 2.89 -30.49	72.33 2.83 -28.39	71.42 2.60 -30.67	70.50 2.15 -37.24	70.47 1.91 -40.78	70.55 1.95 -40.68	70.10 1.85 -42.16	72.85 1.89 -44.80	78.59 2.93 -34.43	79.95 3.44 -30.61	79.73 3.45 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.65 2.47 -25.31	50.34 1.78 -24.21
BAYONEEC___CTG8 323689	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.18 2.17 -15.02	61.34 2.88 -17.35	74.74 3.22 -25.49	78.66 3.16 -30.31	74.61 2.89 -30.49	72.33 2.83 -28.39	71.42 2.60 -30.67	70.50 2.15 -37.24	70.47 1.91 -40.78	70.55 1.95 -40.68	70.10 1.85 -42.16	72.85 1.89 -44.80	78.59 2.93 -34.43	79.95 3.44 -30.61	79.73 3.45 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.65 2.47 -25.31	50.34 1.78 -24.21
BAYONEEC___CTG9 323749	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.18 2.17 -15.02	61.34 2.88 -17.35	74.74 3.22 -25.49	78.66 3.16 -30.31	74.61 2.89 -30.49	72.33 2.83 -28.39	71.42 2.60 -30.67	70.50 2.15 -37.24	70.47 1.91 -40.78	70.55 1.95 -40.68	70.10 1.85 -42.16	72.85 1.89 -44.80	78.59 2.93 -34.43	79.95 3.44 -30.61	79.73 3.45 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.65 2.47 -25.31	50.34 1.78 -24.21
BEACON___LESR 323632	54.28 0.67 -22.93	50.35 0.73 -16.52	49.54 0.50 -23.95	50.73 0.32 -34.51	49.39 0.55 -22.85	51.27 0.74 -19.53	64.67 0.99 -22.57	76.39 1.19 -29.16	77.22 1.45 -30.58	65.59 1.28 -23.08	60.57 1.19 -18.27	55.72 1.07 -16.49	52.67 0.81 -20.74	54.01 0.72 -25.51	53.91 0.75 -25.24	56.19 0.73 -29.38	67.24 0.71 -40.37	74.56 1.36 -31.96	85.61 1.51 -38.20	86.86 1.47 -40.62	67.78 1.54 -22.28	58.36 1.15 -20.03	53.64 0.91 -18.86	52.41 0.54 -27.51
BEAVER RIVER___HYD 24048	31.81 0.31 -0.82	33.96 0.26 -0.59	26.20 0.25 -0.86	17.32 0.18 -1.24	27.13 0.31 -0.82	32.10 0.40 -0.70	42.37 0.45 -0.81	47.59 0.51 -1.05	46.48 0.27 -1.01	42.29 0.29 -0.76	41.84 0.12 -0.61	38.82 0.11 -0.55	31.87 0.06 -0.69	28.51 -0.11 -0.85	28.64 -0.11 -0.84	26.77 -0.29 -0.97	27.30 -0.21 -1.34	42.05 -0.25 -1.06	47.21 0.05 -1.27	46.11 0.00 -1.35	44.57 -0.13 -0.74	37.95 0.11 -0.66	34.56 0.07 -0.62	25.35 0.00 -0.99
BEEBEE_GT_13 23619	33.48 0.49 -2.31	35.56 0.79 -1.66	28.01 0.50 -2.41	19.78 0.40 -3.48	28.69 0.39 -2.30	33.49 0.53 -1.97	44.04 0.66 -2.28	49.94 0.97 -2.94	49.07 0.90 -2.97	44.14 0.66 -2.24	43.17 0.29 -1.78	40.10 0.34 -1.60	33.36 0.22 -2.02	30.64 0.39 -2.48	30.71 0.34 -2.45	29.44 0.49 -2.86	30.38 0.29 -3.92	45.04 0.70 -3.11	50.44 0.83 -3.71	49.56 0.85 -3.95	47.36 1.23 -2.17	39.35 0.22 -1.95	35.87 0.17 -1.83	27.55 0.51 -2.69
BETHLEHEM___GRP 23843	53.76 0.12 -22.96	49.81 0.17 -16.54	49.18 0.10 -23.98	50.53 0.06 -34.56	49.00 0.13 -22.88	50.78 0.22 -19.56	63.88 0.17 -22.60	75.37 0.14 -29.20	76.17 0.36 -30.62	64.67 0.33 -23.11	59.69 0.29 -18.29	54.94 0.27 -16.52	52.07 0.19 -20.77	53.52 0.20 -25.55	53.39 0.20 -25.27	55.69 0.18 -29.42	66.75 0.16 -40.42	73.70 0.45 -32.01	84.65 0.51 -38.25	85.89 0.45 -40.68	66.76 0.48 -22.31	57.56 0.33 -20.06	52.99 0.24 -18.89	52.01 0.10 -27.55
BETHLEHEM___GS1 323560	53.76 0.12 -22.96	49.81 0.17 -16.54	49.18 0.10 -23.98	50.53 0.06 -34.56	49.00 0.13 -22.88	50.78 0.22 -19.56	63.88 0.17 -22.60	75.37 0.14 -29.20	76.17 0.36 -30.62	64.67 0.33 -23.11	59.69 0.29 -18.29	54.94 0.27 -16.52	52.07 0.19 -20.77	53.52 0.20 -25.55	53.39 0.20 -25.27	55.69 0.18 -29.42	66.75 0.16 -40.42	73.70 0.45 -32.01	84.65 0.51 -38.25	85.89 0.45 -40.68	66.76 0.48 -22.31	57.56 0.33 -20.06	52.99 0.24 -18.89	52.01 0.10 -27.55



BETHLEHEM___GS2 323561	53.76 0.12 -22.96	49.81 0.17 -16.54	49.18 0.10 -23.98	50.53 0.06 -34.56	49.00 0.13 -22.88	50.78 0.22 -19.56	63.88 0.17 -22.60	75.37 0.14 -29.20	76.17 0.36 -30.62	64.67 0.33 -23.11	59.69 0.29 -18.29	54.94 0.27 -16.52	52.07 0.19 -20.77	53.52 0.20 -25.55	53.39 0.20 -25.27	55.69 0.18 -29.42	66.75 0.16 -40.42	73.70 0.45 -32.01	84.65 0.51 -38.25	85.89 0.45 -40.68	66.76 0.48 -22.31	57.56 0.33 -20.06	52.99 0.24 -18.89	52.01 0.10 -27.55
BETHLEHEM___GS3 323562	53.76 0.12 -22.96	49.81 0.17 -16.54	49.18 0.10 -23.98	50.53 0.06 -34.56	49.00 0.13 -22.88	50.78 0.22 -19.56	63.88 0.17 -22.60	75.37 0.14 -29.20	76.17 0.36 -30.62	64.67 0.33 -23.11	59.69 0.29 -18.29	54.94 0.27 -16.52	52.07 0.19 -20.77	53.52 0.20 -25.55	53.39 0.20 -25.27	55.69 0.18 -29.42	66.75 0.16 -40.42	73.70 0.45 -32.01	84.65 0.51 -38.25	85.89 0.45 -40.68	66.76 0.48 -22.31	57.56 0.33 -20.06	52.99 0.24 -18.89	52.01 0.10 -27.55
BETHLEHEM___STEEL 23779	34.12 0.31 -3.14	36.09 0.73 -2.26	28.85 0.48 -3.28	21.03 0.40 -4.73	29.41 0.29 -3.13	34.05 0.37 -2.68	44.57 0.37 -3.09	50.90 0.87 -3.99	49.75 0.59 -3.97	44.69 0.45 -3.00	43.44 -0.04 -2.38	40.30 0.00 -2.14	33.91 0.09 -2.69	31.45 0.36 -3.31	31.42 0.22 -3.28	30.24 0.34 -3.82	31.49 0.08 -5.24	45.84 0.45 -4.15	51.27 0.41 -4.96	50.44 0.40 -5.28	47.96 1.10 -2.89	39.48 -0.30 -2.60	36.01 -0.31 -2.45	28.39 0.46 -3.58
BETHPAGE_CC_5 323564	67.58 2.70 -34.20	54.69 2.88 -18.70	49.40 2.18 -22.13	49.54 1.40 -32.24	49.31 2.29 -21.03	48.79 2.70 -15.09	67.70 3.70 -22.89	72.49 4.05 -22.41	72.83 4.11 -23.52	70.27 3.67 -25.37	68.41 3.49 -23.81	67.49 3.21 -26.12	65.50 2.64 -31.74	65.23 2.39 -35.06	65.13 2.40 -34.81	68.29 2.27 -39.93	75.14 2.28 -46.69	77.75 3.55 -32.97	115.70 4.08 -65.72	90.66 4.07 -41.83	82.33 3.91 -34.45	70.65 3.16 -30.32	64.17 3.08 -27.22	62.97 2.24 -36.37
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.13 0.28 -3.18	36.09 0.70 -2.29	28.86 0.45 -3.32	21.07 0.38 -4.79	29.42 0.26 -3.17	34.05 0.34 -2.71	44.61 0.37 -3.13	50.99 0.92 -4.04	49.80 0.59 -4.02	44.73 0.45 -3.04	43.47 -0.04 -2.41	40.29 -0.04 -2.17	33.94 0.09 -2.73	31.49 0.36 -3.35	31.46 0.22 -3.32	30.26 0.31 -3.86	31.53 0.05 -5.31	45.89 0.45 -4.20	51.33 0.41 -5.02	50.55 0.45 -5.34	47.95 1.05 -2.93	39.47 -0.34 -2.63	36.04 -0.31 -2.48	28.41 0.44 -3.62
BINGHAMTON___COGEN 23790	37.12 0.67 -5.77	38.09 0.83 -4.16	31.67 0.55 -6.03	24.99 0.40 -8.69	32.26 0.52 -5.75	36.57 0.65 -4.92	47.70 0.90 -5.68	54.62 1.24 -7.34	54.08 1.08 -7.80	48.11 0.99 -5.89	46.64 0.86 -4.66	43.13 0.76 -4.21	37.07 0.65 -5.29	34.92 0.64 -6.51	35.00 0.64 -6.44	34.23 0.65 -7.50	37.07 0.60 -10.30	50.42 1.03 -8.16	56.98 1.33 -9.75	56.43 1.30 -10.37	51.06 1.41 -5.69	43.03 0.74 -5.11	39.29 0.61 -4.81	31.96 0.61 -7.00
BLACK RIVER___HYD 24047	32.10 0.34 -1.09	34.22 0.33 -0.78	26.47 0.25 -1.13	17.75 0.21 -1.63	27.39 0.31 -1.08	32.33 0.40 -0.92	42.71 0.53 -1.07	48.19 0.78 -1.38	47.36 0.59 -1.58	42.88 0.45 -1.19	42.26 0.21 -0.94	39.20 0.19 -0.85	32.35 0.16 -1.07	29.03 -0.06 -1.32	29.22 0.00 -1.30	27.50 -0.10 -1.52	28.20 -0.05 -2.08	42.88 0.00 -1.65	48.28 0.41 -1.97	47.26 0.40 -2.10	45.38 0.27 -1.15	38.43 0.22 -1.03	34.94 0.10 -0.97	25.71 0.05 -1.30
BLISS_WT_PWR 323608	34.37 0.34 -3.35	36.21 0.70 -2.41	29.04 0.45 -3.50	21.28 0.33 -5.04	29.44 0.10 -3.34	33.92 0.06 -2.85	44.57 0.17 -3.30	51.35 1.06 -4.26	50.02 0.59 -4.25	44.90 0.45 -3.21	43.40 -0.25 -2.54	39.80 -0.65 -2.29	33.41 -0.59 -2.88	31.04 -0.28 -3.54	31.12 -0.31 -3.50	29.98 -0.18 -4.08	31.56 -0.21 -5.60	46.08 0.41 -4.44	51.84 0.64 -5.30	51.03 0.63 -5.64	48.07 1.01 -3.09	39.62 -0.34 -2.78	36.14 -0.34 -2.62	28.56 0.39 -3.82
BLUE_CIRC_CHEM_DRP 24182	54.03 0.80 -22.56	50.25 0.89 -16.25	49.31 0.65 -23.57	50.27 0.41 -33.95	49.15 0.67 -22.48	51.02 0.80 -19.22	64.35 1.03 -22.21	75.88 1.15 -28.69	76.65 1.35 -30.10	65.15 1.20 -22.72	60.20 1.11 -17.98	55.42 1.03 -16.24	52.34 0.81 -20.42	53.64 0.75 -25.12	53.52 0.75 -24.85	55.74 0.73 -28.92	66.59 0.68 -39.74	73.82 1.11 -31.47	84.74 1.24 -37.60	85.96 1.21 -39.99	67.18 1.28 -21.93	57.86 0.96 -19.72	53.24 0.81 -18.57	51.96 0.51 -27.09
BOC_GAS_DRP 24189	54.22 0.61 -22.93	50.32 0.70 -16.52	49.57 0.53 -23.95	50.75 0.33 -34.51	49.36 0.52 -22.85	51.19 0.65 -19.53	64.51 0.82 -22.58	76.12 0.92 -29.17	76.79 0.99 -30.61	65.24 0.91 -23.10	60.30 0.90 -18.28	55.50 0.84 -16.51	52.56 0.68 -20.76	53.92 0.61 -25.53	53.79 0.61 -25.26	56.09 0.60 -29.41	67.14 0.57 -40.40	74.09 0.87 -31.99	85.09 0.97 -38.23	86.36 0.94 -40.66	67.23 0.97 -22.30	57.96 0.74 -20.05	53.42 0.68 -18.88	52.31 0.41 -27.54
BORALEX_4TH_BRANCH 23824	54.44 1.10 -22.66	50.68 1.26 -16.32	49.71 0.95 -23.67	50.61 0.60 -34.10	49.51 0.93 -22.58	51.45 1.15 -19.30	65.02 1.60 -22.31	76.70 1.84 -28.82	77.34 1.90 -30.25	65.92 1.86 -22.83	60.98 1.81 -18.07	56.26 1.79 -16.31	53.13 1.49 -20.51	54.40 1.39 -25.23	54.22 1.34 -24.96	56.40 1.25 -29.06	67.30 1.20 -39.93	74.87 2.02 -31.62	85.75 2.07 -37.78	86.82 1.88 -40.18	67.94 1.93 -22.04	58.51 1.52 -19.81	53.91 1.39 -18.65	52.42 0.85 -27.22
BOWLINE___1 23526	49.46 1.72 -17.07	47.19 1.79 -12.30	44.28 1.35 -17.83	42.46 0.86 -25.69	44.41 1.40 -17.01	47.25 1.70 -14.54	60.18 2.26 -16.81	70.23 2.48 -21.71	70.43 2.44 -22.80	60.50 2.06 -17.21	56.78 2.05 -13.62	52.32 1.87 -12.30	48.11 1.52 -15.46	48.18 1.39 -19.02	48.13 1.40 -18.82	49.32 1.33 -21.90	57.62 1.36 -30.10	67.21 2.14 -23.83	77.04 2.66 -28.48	77.87 2.82 -30.29	63.17 2.59 -16.61	54.19 2.08 -14.93	49.82 1.90 -14.06	46.23 1.36 -20.51
BOWLINE___2 23595	49.47 1.72 -17.07	47.19 1.79 -12.30	44.28 1.35 -17.83	42.46 0.86 -25.70	44.41 1.40 -17.01	47.25 1.70 -14.54	60.22 2.30 -16.81	70.28 2.53 -21.71	70.48 2.48 -22.80	60.58 2.14 -17.21	56.87 2.14 -13.62	52.40 1.94 -12.30	48.17 1.59 -15.46	48.24 1.44 -19.02	48.19 1.45 -18.82	49.37 1.38 -21.91	57.68 1.41 -30.10	67.29 2.23 -23.83	77.08 2.71 -28.48	77.87 2.82 -30.29	63.17 2.59 -16.61	54.19 2.08 -14.93	49.82 1.90 -14.06	46.23 1.36 -20.52
BRANSCOMB___SOLAR 323811	55.39 1.44 -23.28	51.43 1.56 -16.77	50.53 1.13 -24.31	51.65 0.72 -35.03	50.30 1.12 -23.20	52.22 1.40 -19.83	66.04 2.01 -22.92	78.12 2.48 -29.60	79.04 2.76 -31.09	67.17 2.47 -23.46	61.94 2.26 -18.57	56.94 2.02 -16.77	53.76 1.56 -21.08	55.13 1.42 -25.94	55.00 1.42 -25.66	57.28 1.33 -29.87	68.49 1.28 -41.04	75.96 2.23 -32.50	87.25 2.52 -38.83	88.52 2.46 -41.30	69.21 2.59 -22.65	59.54 2.01 -20.36	54.66 1.63 -19.17	53.40 1.07 -27.97
BROOKHAVEN___DRP 24191	67.85 2.97 -34.20	54.95 3.15 -18.70	49.63 2.41 -22.13	49.70 1.56 -32.24	49.60 2.57 -21.03	49.04 2.95 -15.09	68.15 4.15 -22.89	73.08 4.65 -22.41	73.42 4.70 -23.52	70.81 4.21 -25.37	68.78 3.86 -23.81	67.94 3.66 -26.12	65.91 3.05 -31.74	65.48 2.64 -35.06	65.35 2.62 -34.81	68.52 2.50 -39.93	75.53 2.67 -46.69	78.25 4.04 -32.97	116.30 4.68 -65.72	91.25 4.66 -41.83	82.91 4.49 -34.45	71.14 3.65 -30.32	64.58 3.49 -27.22	63.31 2.58 -36.37



BROOKLYN_NAVY_YARD 23515	50.39 2.09 -17.63	47.99 2.18 -12.70	45.14 1.66 -18.40	43.46 1.05 -26.51	45.28 1.74 -17.55	48.12 2.11 -15.02	61.26 2.80 -17.35	74.61 3.08 -25.49	78.58 3.07 -30.31	74.48 2.76 -30.49	58.98 2.71 -15.16	61.98 2.48 -21.35	61.99 2.02 -28.84	61.74 1.83 -32.13	61.71 1.84 -31.95	62.40 1.75 -34.57	68.93 1.78 -40.99	78.47 2.81 -34.43	79.81 3.31 -30.61	79.33 3.31 -31.26	74.28 3.12 -27.20	64.51 2.53 -24.80	61.55 2.37 -25.31	50.29 1.73 -24.21
BROOKLYN___ARMY_DRP 323595	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
BROOME_2_LFGE 323671	37.12 0.67 -5.77	38.09 0.83 -4.16	31.67 0.55 -6.03	24.99 0.40 -8.69	32.26 0.52 -5.75	36.57 0.65 -4.92	47.70 0.90 -5.68	54.62 1.24 -7.34	54.08 1.08 -7.80	48.11 0.99 -5.89	46.64 0.86 -4.66	43.13 0.76 -4.21	37.07 0.65 -5.29	34.92 0.64 -6.51	35.00 0.64 -6.44	34.23 0.65 -7.50	37.07 0.60 -10.30	50.42 1.03 -8.16	56.98 1.33 -9.75	56.43 1.30 -10.37	51.06 1.41 -5.69	43.03 0.74 -5.11	39.29 0.61 -4.81	31.96 0.61 -7.00
BROOME___LFGE 323600	37.12 0.67 -5.77	38.09 0.83 -4.16	31.67 0.55 -6.03	24.99 0.40 -8.69	32.26 0.52 -5.75	36.57 0.65 -4.92	47.70 0.90 -5.68	54.62 1.24 -7.34	54.08 1.08 -7.80	48.11 0.99 -5.89	46.64 0.86 -4.66	43.13 0.76 -4.21	37.07 0.65 -5.29	34.92 0.64 -6.51	35.00 0.64 -6.44	34.23 0.65 -7.50	37.07 0.60 -10.30	50.42 1.03 -8.16	56.98 1.33 -9.75	56.43 1.30 -10.37	51.06 1.41 -5.69	43.03 0.74 -5.11	39.29 0.61 -4.81	31.96 0.61 -7.00
BURROWS___LYONSDAL 23803	31.99 0.52 -0.79	34.20 0.53 -0.57	26.31 0.40 -0.82	17.39 0.30 -1.19	27.25 0.47 -0.79	32.32 0.65 -0.67	42.63 0.74 -0.78	47.91 0.87 -1.00	46.66 0.45 -1.01	42.49 0.50 -0.76	42.00 0.29 -0.60	38.97 0.27 -0.55	32.03 0.22 -0.69	28.62 0.00 -0.84	28.78 0.03 -0.84	26.95 -0.10 -0.97	27.45 -0.05 -1.34	42.25 -0.04 -1.06	47.48 0.32 -1.26	46.38 0.27 -1.34	44.84 0.13 -0.74	38.10 0.26 -0.66	34.69 0.20 -0.62	25.43 0.10 -0.98
CAITHNESS_CC_1 323624	67.76 2.88 -34.20	54.85 3.04 -18.70	49.56 2.33 -22.13	49.65 1.51 -32.24	49.52 2.50 -21.03	48.97 2.88 -15.09	68.03 4.03 -22.89	72.90 4.46 -22.41	73.24 4.52 -23.52	70.64 4.04 -25.37	68.66 3.74 -23.81	67.79 3.51 -26.12	65.78 2.92 -31.74	65.36 2.53 -35.06	65.27 2.54 -34.81	68.44 2.43 -39.93	75.43 2.57 -46.69	78.08 3.87 -32.97	116.11 4.50 -65.72	91.07 4.48 -41.83	82.68 4.26 -34.45	70.98 3.49 -30.32	64.47 3.39 -27.22	63.24 2.51 -36.37
CALPINE BETH_PAGE_GT4 24209	67.58 2.70 -34.20	54.66 2.85 -18.70	49.38 2.16 -22.13	49.52 1.38 -32.24	49.31 2.29 -21.03	48.79 2.70 -15.09	67.70 3.70 -22.89	72.44 4.00 -22.41	72.79 4.07 -23.52	70.23 3.63 -25.37	68.37 3.45 -23.81	67.49 3.21 -26.12	65.50 2.64 -31.74	65.23 2.39 -35.06	65.13 2.40 -34.81	68.29 2.27 -39.93	75.08 2.22 -46.69	77.67 3.46 -32.97	115.60 3.99 -65.72	90.57 3.98 -41.83	82.20 3.78 -34.45	70.57 3.08 -30.32	64.14 3.05 -27.22	62.94 2.22 -36.37
CALPINE_BETH_PAGE_GT_4 323586	67.58 2.70 -34.20	54.66 2.85 -18.70	49.38 2.16 -22.13	49.52 1.38 -32.24	49.31 2.29 -21.03	48.79 2.70 -15.09	67.70 3.70 -22.89	72.44 4.00 -22.41	72.79 4.07 -23.52	70.23 3.63 -25.37	68.37 3.45 -23.81	67.49 3.21 -26.12	65.50 2.64 -31.74	65.23 2.39 -35.06	65.13 2.40 -34.81	68.29 2.27 -39.93	75.08 2.22 -46.69	77.67 3.46 -32.97	115.60 3.99 -65.72	90.57 3.98 -41.83	82.20 3.78 -34.45	70.57 3.08 -30.32	64.14 3.05 -27.22	62.94 2.22 -36.37
CALPINE_BP_GT1 23823	67.58 2.70 -34.20	54.66 2.85 -18.70	49.38 2.16 -22.13	49.52 1.38 -32.24	49.31 2.29 -21.03	48.79 2.70 -15.09	67.70 3.70 -22.89	72.44 4.00 -22.41	72.79 4.07 -23.52	70.23 3.63 -25.37	68.37 3.45 -23.81	67.49 3.21 -26.12	65.50 2.64 -31.74	65.23 2.39 -35.06	65.13 2.40 -34.81	68.29 2.27 -39.93	75.08 2.22 -46.69	77.67 3.46 -32.97	115.60 3.99 -65.72	90.57 3.98 -41.83	82.20 3.78 -34.45	70.57 3.08 -30.32	64.14 3.05 -27.22	62.94 2.22 -36.37
CALSPAN___DRP 24200	34.12 0.31 -3.14	36.09 0.73 -2.26	28.85 0.48 -3.28	21.03 0.40 -4.73	29.41 0.29 -3.13	34.05 0.37 -2.68	44.57 0.37 -3.09	50.90 0.87 -3.99	49.75 0.59 -3.97	44.69 0.45 -3.00	43.44 -0.04 -2.38	40.30 0.00 -2.14	33.91 0.09 -2.69	31.45 0.36 -3.31	31.42 0.22 -3.28	30.24 0.34 -3.82	31.49 0.08 -5.24	45.84 0.45 -4.15	51.27 0.41 -4.96	50.44 0.40 -5.28	47.96 1.10 -2.89	39.48 -0.30 -2.60	36.01 -0.31 -2.45	28.39 0.46 -3.58
CALVERTON___SOLAR 323806	67.98 3.10 -34.20	55.09 3.28 -18.70	49.71 2.48 -22.13	49.76 1.62 -32.24	49.67 2.65 -21.03	49.16 3.07 -15.09	68.32 4.32 -22.89	73.27 4.83 -22.41	73.60 4.88 -23.52	71.01 4.41 -25.37	68.99 4.07 -23.81	68.10 3.82 -26.12	66.06 3.21 -31.74	65.61 2.78 -35.06	65.47 2.74 -34.81	68.65 2.63 -39.93	75.66 2.80 -46.69	78.49 4.29 -32.97	116.53 4.91 -65.72	91.51 4.92 -41.83	83.13 4.71 -34.45	71.32 3.83 -30.32	64.75 3.66 -27.22	63.41 2.68 -36.37
CANDIGU_WT_PWR 323617	35.51 0.77 -4.06	37.12 1.09 -2.93	30.04 0.70 -4.25	22.55 0.52 -6.12	30.64 0.60 -4.05	35.18 0.71 -3.46	46.10 0.99 -4.00	52.72 1.52 -5.17	51.86 1.76 -4.91	46.50 1.57 -3.70	45.19 1.15 -2.93	41.76 0.95 -2.65	35.29 0.84 -3.33	32.81 0.94 -4.09	32.89 0.92 -4.05	31.74 0.94 -4.72	33.46 0.81 -6.48	47.93 1.57 -5.13	54.00 1.97 -6.13	53.16 1.88 -6.52	49.78 2.24 -3.58	41.28 0.89 -3.21	37.64 0.74 -3.03	29.71 0.95 -4.40
CARR STREET_E_SYR 24060	32.70 0.22 -1.80	34.73 0.33 -1.30	27.15 0.18 -1.88	18.76 0.14 -2.71	27.92 0.13 -1.80	32.72 0.19 -1.54	43.17 0.29 -1.78	48.83 0.51 -2.29	48.04 0.45 -2.40	43.46 0.41 -1.81	42.87 0.33 -1.43	39.72 0.27 -1.29	32.97 0.22 -1.63	30.02 0.25 -2.00	30.18 0.28 -1.98	28.65 0.26 -2.30	29.54 0.21 -3.17	44.11 0.37 -2.51	49.45 0.55 -3.00	48.44 0.49 -3.19	46.33 0.62 -1.75	38.93 0.19 -1.57	35.48 0.14 -1.48	26.70 0.19 -2.15
CARTHAGE___PAPER 23857	31.88 0.22 -0.98	33.98 0.17 -0.71	26.30 0.18 -1.03	17.51 0.13 -1.48	27.18 0.21 -0.98	32.15 0.31 -0.84	42.45 0.37 -0.97	47.70 0.41 -1.25	46.39 0.18 -1.01	42.80 0.37 -1.19	42.18 0.12 -0.94	39.04 0.04 -0.85	32.22 0.03 -1.07	28.92 -0.17 -1.32	29.08 -0.14 -1.30	27.31 -0.29 -1.52	28.04 -0.21 -2.08	42.64 -0.25 -1.65	47.96 0.09 -1.97	46.95 0.09 -2.10	45.03 -0.09 -1.15	38.28 0.07 -1.03	34.84 0.00 -0.97	25.49 -0.05 -1.18
CASSADAGA_WT_PWR 323784	35.03 1.04 -3.31	36.74 1.26 -2.38	29.37 0.83 -3.46	21.63 0.75 -4.98	29.89 0.60 -3.30	34.47 0.65 -2.82	45.89 1.52 -3.26	52.17 1.93 -4.21	50.87 1.53 -4.19	45.92 1.07 -3.16	44.68 1.07 -2.50	41.29 0.88 -2.26	34.68 0.72 -2.84	32.15 0.89 -3.49	31.99 0.61 -3.46	30.84 0.73 -4.02	32.30 0.60 -5.53	47.18 1.57 -4.38	52.92 1.79 -5.23	52.12 1.79 -5.56	49.26 2.24 -3.05	40.36 0.45 -2.74	36.58 0.14 -2.58	29.05 0.93 -3.77



CE_DUNWOOD___DRP 24194	50.08 1.84 -17.57	47.71 1.95 -12.65	44.90 1.45 -18.35	43.27 0.92 -26.44	45.03 1.53 -17.51	47.79 1.83 -14.96	60.87 2.47 -17.30	71.14 2.76 -22.34	71.41 2.76 -23.46	61.44 2.43 -17.77	57.62 2.42 -14.09	53.23 2.21 -12.87	49.21 1.80 -16.29	49.37 1.64 -19.96	49.34 1.68 -19.75	50.58 1.56 -22.93	58.76 1.62 -30.97	68.27 2.52 -24.52	78.18 2.98 -29.30	78.97 3.05 -31.17	63.88 2.82 -17.09	54.81 2.27 -15.37	50.50 2.10 -14.54	47.03 1.49 -21.19
CE_MILLWOOD___DRP 24193	49.97 1.78 -17.51	47.57 1.85 -12.62	44.79 1.40 -18.29	43.15 0.89 -26.36	44.90 1.45 -17.45	47.68 1.77 -14.92	60.73 2.38 -17.24	70.93 2.62 -22.27	71.20 2.62 -23.39	61.19 2.31 -17.65	57.38 2.30 -13.97	52.87 2.10 -12.61	48.72 1.74 -15.86	48.84 1.55 -19.51	48.81 1.59 -19.30	50.04 1.49 -22.47	58.58 1.54 -30.87	68.07 2.39 -24.45	77.96 2.85 -29.21	78.74 2.91 -31.07	63.73 2.73 -17.04	54.69 2.19 -15.32	50.29 2.00 -14.42	46.84 1.44 -21.04
CE_NYC2_DRP 24202	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.34 2.33 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74
CE_NYC_DRP 24195	50.48 2.18 -17.63	48.09 2.28 -12.70	45.19 1.71 -18.40	43.51 1.10 -26.51	45.36 1.82 -17.55	48.22 2.20 -15.01	61.42 2.96 -17.35	74.78 3.27 -25.48	78.89 3.26 -30.44	74.50 2.93 -30.34	72.76 2.92 -28.73	71.46 2.67 -30.64	70.21 2.18 -36.91	70.20 1.97 -40.45	70.29 2.01 -40.36	69.76 1.88 -41.80	72.96 1.91 -44.89	78.82 3.01 -34.58	79.99 3.49 -30.60	79.83 3.54 -31.53	74.46 3.34 -27.16	66.29 2.71 -26.40	61.54 2.51 -25.17	50.23 1.80 -24.08
CHAFFEE___LFGE 323603	34.23 0.31 -3.24	36.17 0.73 -2.34	28.93 0.45 -3.39	21.17 0.38 -4.88	29.48 0.26 -3.23	34.07 0.31 -2.76	44.67 0.37 -3.19	51.12 0.97 -4.12	49.93 0.63 -4.10	44.87 0.53 -3.10	43.56 0.00 -2.45	40.33 -0.04 -2.21	33.96 0.06 -2.78	31.53 0.33 -3.42	31.53 0.22 -3.39	30.34 0.31 -3.94	31.66 0.08 -5.42	46.06 0.53 -4.29	51.53 0.51 -5.12	50.70 0.49 -5.45	48.10 1.14 -2.99	39.60 -0.26 -2.69	36.12 -0.27 -2.53	28.49 0.44 -3.69
CHATEAUG_WT_PWR 323614	31.05 0.37 0.00	32.84 -0.27 0.00	24.64 -0.45 0.00	15.21 -0.70 0.00	26.28 0.29 0.00	31.59 0.59 0.00	42.34 1.23 0.00	47.41 1.38 0.00	46.55 1.35 0.00	42.43 1.20 0.00	42.26 1.15 0.00	38.84 0.69 0.00	31.43 0.31 0.00	27.91 0.14 0.00	27.89 -0.03 0.00	26.01 -0.08 0.00	26.38 0.21 0.00	41.03 -0.21 0.00	45.81 -0.09 0.00	45.21 0.45 0.00	44.01 0.04 0.00	37.88 0.70 0.00	34.61 0.74 0.00	24.72 0.37 0.00
CHAT_HIGH_FALL_HYD 323578	30.46 -0.21 0.00	32.61 -0.50 0.00	24.79 -0.30 0.00	15.52 -0.38 0.00	25.86 -0.13 0.00	30.85 -0.15 0.00	41.11 0.00 0.00	45.99 -0.05 0.00	45.15 -0.05 0.00	41.15 -0.08 0.00	41.03 -0.08 0.00	37.97 -0.19 0.00	30.96 -0.15 0.00	27.55 -0.22 0.00	27.64 -0.28 0.00	25.75 -0.34 0.00	26.01 -0.16 0.00	40.86 -0.37 0.00	45.53 -0.37 0.00	44.40 -0.36 0.00	43.22 -0.75 0.00	37.10 -0.07 0.00	33.86 0.00 0.00	24.23 -0.12 0.00
CHAUTAUQUA___LFGE 323629	34.75 0.83 -3.24	36.67 1.23 -2.34	29.28 0.80 -3.39	21.44 0.65 -4.88	29.85 0.62 -3.23	34.44 0.68 -2.76	45.45 1.15 -3.19	51.90 1.75 -4.12	50.61 1.31 -4.10	45.61 1.28 -3.10	44.38 0.82 -2.45	41.09 0.72 -2.21	34.56 0.65 -2.78	32.06 0.86 -3.42	31.95 0.64 -3.39	30.78 0.76 -3.94	32.11 0.52 -5.42	46.84 1.32 -4.29	52.45 1.42 -5.13	51.64 1.43 -5.45	48.89 1.93 -2.99	40.16 0.30 -2.69	36.56 0.17 -2.53	28.85 0.80 -3.69
CH_MIDHUDSON___DRP 24192	50.24 1.66 -17.91	47.76 1.75 -12.90	45.15 1.35 -18.71	43.72 0.86 -26.95	45.24 1.40 -17.85	47.93 1.67 -15.25	60.96 2.22 -17.63	71.29 2.48 -22.78	71.68 2.57 -23.91	61.51 2.23 -18.05	57.57 2.18 -14.28	53.07 2.02 -12.90	48.95 1.62 -16.22	49.17 1.44 -19.95	49.13 1.48 -19.74	50.47 1.41 -22.97	59.23 1.49 -31.57	68.58 2.35 -25.00	78.52 2.75 -29.87	79.31 2.78 -31.77	63.94 2.55 -17.42	54.88 2.04 -15.66	50.47 1.86 -14.75	47.21 1.34 -21.52
CH_MISC_IPPS 23765	50.14 1.87 -17.59	47.73 1.95 -12.67	44.97 1.51 -18.37	43.33 0.95 -26.47	45.08 1.56 -17.53	47.84 1.86 -14.98	60.89 2.47 -17.32	71.16 2.76 -22.37	71.53 2.85 -23.49	61.39 2.43 -17.72	57.52 2.38 -14.03	53.00 2.17 -12.67	48.76 1.71 -15.93	48.89 1.53 -19.60	48.89 1.59 -19.38	50.14 1.49 -22.57	58.80 1.62 -31.00	68.38 2.60 -24.55	78.26 3.03 -29.34	79.05 3.09 -31.20	63.90 2.82 -17.11	54.79 2.23 -15.38	50.38 2.03 -14.49	46.98 1.49 -21.13
CH_RES_BVR_FALLS 23983	30.46 -0.21 0.00	32.84 -0.27 0.00	24.89 -0.20 0.00	15.78 -0.13 0.00	25.81 -0.18 0.00	30.75 -0.25 0.00	40.78 -0.33 0.00	45.66 -0.37 0.00	44.83 -0.36 0.00	40.95 -0.29 0.00	40.82 -0.29 0.00	37.89 -0.27 0.00	30.87 -0.25 0.00	27.52 -0.25 0.00	27.67 -0.25 0.00	25.85 -0.24 0.00	25.96 -0.21 0.00	40.99 -0.25 0.00	45.62 -0.27 0.00	44.49 -0.27 0.00	43.61 -0.35 0.00	36.92 -0.26 0.00	33.59 -0.27 0.00	24.14 -0.22 0.00
CH_RES_NIAGARA 23895	32.47 -1.13 -2.92	34.51 -0.70 -2.11	27.54 -0.60 -3.05	20.03 -0.27 -4.40	28.13 -0.78 -2.91	32.56 -0.93 -2.49	42.51 -1.44 -2.84	48.26 -1.43 -3.66	47.18 -1.67 -3.66	42.40 -1.65 -2.81	41.20 -2.14 -2.23	38.23 -1.91 -1.98	32.20 -1.37 -2.45	29.81 -0.97 -3.01	29.81 -1.09 -2.98	28.75 -0.81 -3.47	29.80 -1.15 -4.78	43.53 -1.48 -3.78	48.54 -1.88 -4.52	47.78 -1.79 -4.81	45.59 -1.01 -2.63	37.49 -2.04 -2.36	34.32 -1.76 -2.22	27.11 -0.58 -3.34
CH_RES_SYRACUSE 23985	33.03 0.37 -1.98	34.99 0.46 -1.43	27.44 0.28 -2.07	19.11 0.22 -2.98	28.23 0.26 -1.97	33.03 0.34 -1.69	43.56 0.50 -1.95	49.29 0.73 -2.52	48.50 0.68 -2.63	43.84 0.62 -1.98	43.21 0.53 -1.57	40.03 0.46 -1.42	33.28 0.37 -1.78	30.35 0.39 -2.19	30.51 0.42 -2.17	29.00 0.39 -2.52	30.00 0.37 -3.47	44.56 0.58 -2.74	49.96 0.78 -3.28	48.96 0.71 -3.49	46.71 0.83 -1.91	39.27 0.37 -1.72	35.75 0.27 -1.62	27.01 0.29 -2.36
CLINTON_WT_PWR 323605	31.05 0.37 0.00	32.84 -0.27 0.00	24.64 -0.45 0.00	15.21 -0.70 0.00	26.28 0.29 0.00	31.59 0.59 0.00	42.34 1.23 0.00	47.41 1.38 0.00	46.55 1.35 0.00	42.43 1.20 0.00	42.26 1.15 0.00	38.84 0.69 0.00	31.43 0.31 0.00	27.91 0.14 0.00	27.89 -0.03 0.00	26.01 -0.08 0.00	26.38 0.21 0.00	41.03 -0.21 0.00	45.81 -0.09 0.00	45.21 0.45 0.00	44.01 0.04 0.00	37.88 0.70 0.00	34.61 0.74 0.00	24.72 0.37 0.00
CLINTON___LFGE 323618	31.14 0.46 0.00	33.14 0.03 0.00	25.09 0.00 0.00	15.57 -0.33 0.00	26.41 0.41 0.00	31.59 0.59 0.00	42.22 1.11 0.00	47.37 1.34 0.00	46.50 1.31 0.00	42.35 1.11 0.00	42.18 1.07 0.00	38.88 0.72 0.00	31.62 0.50 0.00	28.11 0.33 0.00	28.17 0.25 0.00	26.24 0.16 0.00	26.61 0.44 0.00	41.69 0.45 0.00	46.54 0.64 0.00	45.52 0.76 0.00	44.14 0.18 0.00	37.99 0.82 0.00	34.68 0.81 0.00	24.79 0.44 0.00



COLONIE_LFGE__ 323577	54.70 1.01 -23.02	50.81 1.13 -16.58	49.96 0.83 -24.04	51.07 0.52 -34.64	49.76 0.83 -22.94	51.63 1.02 -19.61	65.17 1.40 -22.66	76.91 1.61 -29.27	77.72 1.81 -30.72	66.07 1.65 -23.18	61.06 1.60 -18.35	56.21 1.49 -16.57	53.13 1.18 -20.83	54.48 1.08 -25.63	54.33 1.06 -25.35	56.62 1.02 -29.51	67.69 0.97 -40.55	75.04 1.69 -32.11	86.11 1.84 -38.37	87.27 1.70 -40.81	68.15 1.80 -22.38	58.71 1.41 -20.12	53.99 1.18 -18.95	52.75 0.76 -27.64
COPENHAGEN_WT_PWR 323753	32.09 0.28 -1.14	34.18 0.26 -0.82	26.50 0.23 -1.19	17.81 0.19 -1.71	27.38 0.26 -1.13	32.31 0.34 -0.97	42.68 0.45 -1.12	48.21 0.73 -1.44	47.32 0.50 -1.63	42.88 0.41 -1.23	42.25 0.17 -0.97	39.19 0.15 -0.88	32.35 0.12 -1.11	29.08 -0.06 -1.36	29.24 -0.03 -1.35	27.55 -0.10 -1.57	28.24 -0.08 -2.15	42.94 0.00 -1.71	48.30 0.37 -2.04	47.28 0.36 -2.17	45.42 0.27 -1.19	38.43 0.19 -1.07	34.90 0.03 -1.01	25.74 0.02 -1.36
CORNELL____ 23752	35.78 1.01 -4.09	37.21 1.16 -2.95	30.14 0.78 -4.27	22.60 0.54 -6.15	30.82 0.75 -4.08	35.45 0.96 -3.48	46.49 1.35 -4.03	53.03 1.79 -5.20	52.28 1.67 -5.42	46.85 1.53 -4.09	45.70 1.35 -3.24	42.30 1.22 -2.92	35.79 1.00 -3.67	33.24 0.94 -4.52	33.40 1.00 -4.47	32.26 0.97 -5.21	34.26 0.94 -7.15	48.47 1.57 -5.66	54.64 1.97 -6.77	53.84 1.88 -7.20	49.85 1.93 -3.95	41.91 1.19 -3.55	38.19 0.98 -3.34	30.02 0.83 -4.83
COXSACKIE____GT 23611	54.03 2.15 -21.20	50.63 2.25 -15.28	48.97 1.73 -22.15	48.92 1.10 -31.92	48.97 1.85 -21.13	51.02 1.95 -18.06	64.90 2.92 -20.88	76.32 3.32 -26.97	77.33 3.84 -28.30	65.64 3.05 -21.35	60.68 2.67 -16.90	55.82 2.41 -15.26	52.02 1.71 -19.19	52.91 1.53 -23.61	52.89 1.62 -23.35	54.84 1.56 -27.19	65.30 1.78 -37.35	74.03 3.22 -29.58	84.83 3.58 -35.35	85.98 3.62 -37.59	67.88 3.30 -20.62	58.20 2.49 -18.53	53.42 2.10 -17.45	51.30 1.49 -25.46
CPV_VALLEY__CC1 323721	47.17 1.23 -15.27	45.39 1.29 -11.00	42.02 0.98 -15.95	39.52 0.64 -22.98	42.22 1.01 -15.22	45.25 1.24 -13.01	57.79 1.65 -15.03	67.25 1.79 -19.42	67.40 1.81 -20.40	58.23 1.61 -15.39	54.86 1.56 -12.18	50.57 1.41 -11.00	46.13 1.18 -13.83	45.84 1.06 -17.02	45.84 1.09 -16.83	46.70 1.02 -19.60	54.14 1.05 -26.93	64.21 1.65 -21.32	73.35 1.97 -25.48	73.92 2.06 -27.10	60.72 1.89 -14.86	52.06 1.52 -13.36	47.83 1.39 -12.58	43.71 1.00 -18.35
CPV_VALLEY__CC2 323722	47.17 1.23 -15.27	45.39 1.29 -11.00	42.02 0.98 -15.95	39.52 0.64 -22.98	42.22 1.01 -15.22	45.25 1.24 -13.01	57.79 1.65 -15.03	67.25 1.79 -19.42	67.40 1.81 -20.40	58.23 1.61 -15.39	54.86 1.56 -12.18	50.57 1.41 -11.00	46.13 1.18 -13.83	45.84 1.06 -17.02	45.84 1.09 -16.83	46.70 1.02 -19.60	54.14 1.05 -26.93	64.21 1.65 -21.32	73.35 1.97 -25.48	73.92 2.06 -27.10	60.72 1.89 -14.86	52.06 1.52 -13.36	47.83 1.39 -12.58	43.71 1.00 -18.35
CRESCENT__HYD 24018	54.70 1.01 -23.02	50.81 1.13 -16.58	49.96 0.83 -24.04	51.07 0.52 -34.64	49.76 0.83 -22.94	51.63 1.02 -19.61	65.17 1.40 -22.66	76.91 1.61 -29.27	77.72 1.81 -30.72	66.07 1.65 -23.18	61.06 1.60 -18.35	56.21 1.49 -16.57	53.13 1.18 -20.83	54.48 1.08 -25.63	54.33 1.06 -25.35	56.62 1.02 -29.51	67.69 0.97 -40.55	75.04 1.69 -32.11	86.11 1.84 -38.37	87.27 1.70 -40.81	68.15 1.80 -22.38	58.71 1.41 -20.12	53.99 1.18 -18.95	52.75 0.76 -27.64
CRICKET__VALLEY_CC1 323756	50.28 1.17 -18.44	47.61 1.23 -13.28	45.33 0.98 -19.26	44.29 0.64 -27.75	45.38 1.01 -18.38	47.88 1.18 -15.71	60.82 1.56 -18.15	71.19 1.70 -23.45	71.58 1.76 -24.62	61.38 1.57 -18.58	57.38 1.56 -14.71	52.89 1.45 -13.28	49.00 1.18 -16.70	49.40 1.08 -20.54	49.33 1.09 -20.32	50.79 1.04 -23.66	59.75 1.07 -32.50	68.62 1.65 -25.74	78.63 1.97 -30.76	79.49 2.02 -32.71	63.75 1.85 -17.94	54.79 1.49 -16.13	50.41 1.36 -15.19	47.46 0.95 -22.16
CRICKET__VALLEY_CC2 323757	50.54 1.01 -18.85	47.84 1.16 -13.58	45.66 0.88 -19.70	44.85 0.57 -28.38	45.67 0.88 -18.79	48.11 1.05 -16.06	61.07 1.40 -18.56	71.58 1.57 -23.98	71.95 1.58 -25.18	61.76 1.53 -19.00	57.67 1.52 -15.04	53.22 1.49 -13.58	49.47 1.28 -17.07	49.94 1.17 -21.00	49.84 1.15 -20.78	51.34 1.07 -24.19	60.45 1.05 -33.23	69.20 1.65 -26.32	79.13 1.79 -31.45	79.91 1.70 -33.45	63.98 1.67 -18.34	55.00 1.34 -16.49	50.61 1.22 -15.53	47.81 0.80 -22.65
CRICKET__VALLEY_CC3 323758	50.28 1.17 -18.44	47.61 1.23 -13.28	45.33 0.98 -19.26	44.29 0.64 -27.75	45.38 1.01 -18.38	47.88 1.18 -15.71	60.82 1.56 -18.15	71.19 1.70 -23.45	71.58 1.76 -24.62	61.38 1.57 -18.58	57.38 1.56 -14.71	52.89 1.45 -13.28	49.00 1.18 -16.70	49.40 1.08 -20.54	49.33 1.09 -20.32	50.79 1.04 -23.66	59.75 1.07 -32.50	68.62 1.65 -25.74	78.63 1.97 -30.76	79.49 2.02 -32.71	63.75 1.85 -17.94	54.79 1.49 -16.13	50.41 1.36 -15.19	47.46 0.95 -22.16
CRUCIBLE_METL_DRP 24180	33.03 0.37 -1.98	34.99 0.46 -1.43	27.44 0.28 -2.07	19.11 0.22 -2.98	28.23 0.26 -1.97	33.03 0.34 -1.69	43.56 0.50 -1.95	49.29 0.73 -2.52	48.50 0.68 -2.63	43.84 0.62 -1.98	43.21 0.53 -1.57	40.03 0.46 -1.42	33.28 0.37 -1.78	30.35 0.39 -2.19	30.51 0.42 -2.17	29.00 0.39 -2.52	30.00 0.37 -3.47	44.56 0.58 -2.74	49.96 0.78 -3.28	48.96 0.78 -3.49	46.71 0.83 -1.91	39.27 0.37 -1.72	35.75 0.27 -1.62	27.01 0.29 -2.36
DAHOWA__HYDRO 323763	55.54 1.53 -23.33	51.56 1.65 -16.81	50.64 1.18 -24.37	51.78 0.76 -35.11	50.44 1.20 -23.25	52.33 1.46 -19.87	66.25 2.18 -22.97	78.37 2.67 -29.67	79.38 3.03 -31.16	67.43 2.68 -23.52	62.15 2.42 -18.62	57.10 2.14 -16.81	53.90 1.65 -21.13	55.24 1.47 -26.00	55.12 1.48 -25.72	57.41 1.38 -29.94	68.64 1.33 -41.14	76.16 2.35 -32.58	87.48 2.66 -38.93	88.80 2.64 -41.40	69.44 2.77 -22.71	59.74 2.16 -20.41	54.81 1.73 -19.22	53.54 1.14 -28.04
DANC__LFGE 323619	32.08 0.09 -1.31	34.15 0.10 -0.94	26.53 0.08 -1.37	17.97 0.10 -1.97	27.37 0.08 -1.30	32.21 0.09 -1.12	42.56 0.17 -1.29	48.11 0.41 -1.67	47.29 0.27 -1.82	42.81 0.21 -1.37	42.20 0.00 -1.09	39.14 0.00 -0.98	32.35 0.00 -1.23	29.21 -0.08 -1.52	29.37 -0.06 -1.50	27.73 -0.10 -1.75	28.49 -0.08 -2.40	43.05 -0.08 -1.90	48.40 0.23 -2.27	47.40 0.22 -2.42	45.47 0.18 -1.33	38.37 0.00 -1.19	34.89 -0.10 -1.12	25.87 -0.05 -1.56
DANSKAMMER__1 23586	50.14 1.87 -17.59	47.73 1.95 -12.67	44.97 1.51 -18.37	43.33 0.95 -26.47	45.08 1.56 -17.53	47.84 1.86 -14.98	60.89 2.47 -17.32	71.16 2.76 -22.37	71.53 2.85 -23.49	61.39 2.43 -17.72	57.52 2.38 -14.03	53.00 2.17 -12.67	48.76 1.71 -15.93	48.89 1.53 -19.60	48.89 1.59 -19.38	50.14 1.49 -22.57	58.80 1.62 -31.00	68.38 2.60 -24.55	78.26 3.03 -29.34	79.05 3.09 -31.20	63.90 2.82 -17.11	54.79 2.23 -15.38	50.38 2.03 -14.49	46.98 1.49 -21.13
DANSKAMMER__2 23589	50.14 1.87 -17.59	47.73 1.95 -12.67	44.97 1.51 -18.37	43.33 0.95 -26.47	45.08 1.56 -17.53	47.84 1.86 -14.98	60.89 2.47 -17.32	71.16 2.76 -22.37	71.53 2.85 -23.49	61.39 2.43 -17.72	57.52 2.38 -14.03	53.00 2.17 -12.67	48.76 1.71 -15.93	48.89 1.53 -19.60	48.89 1.59 -19.38	50.14 1.49 -22.57	58.80 1.62 -31.00	68.38 2.60 -24.55	78.26 3.03 -29.34	79.05 3.09 -31.20	63.90 2.82 -17.11	54.79 2.23 -15.38	50.38 2.03 -14.49	46.98 1.49 -21.13



DANSKAMMER___3 23590	50.14 1.87 -17.59	47.73 1.95 -12.67	44.97 1.51 -18.37	43.33 0.95 -26.47	45.08 1.56 -17.53	47.84 1.86 -14.98	60.89 2.47 -17.32	71.16 2.76 -22.37	71.53 2.85 -23.49	61.39 2.43 -17.72	57.52 2.38 -14.03	53.00 2.17 -12.67	48.76 1.71 -15.93	48.89 1.53 -19.60	48.89 1.59 -19.38	50.14 1.49 -22.57	58.80 1.62 -31.00	68.38 2.60 -24.55	78.26 3.03 -29.34	79.05 3.09 -31.20	63.90 2.82 -17.11	54.79 2.23 -15.38	50.38 2.03 -14.49	46.98 1.49 -21.13
DANSKAMMER___4 23591	50.14 1.87 -17.59	47.73 1.95 -12.67	44.97 1.51 -18.37	43.33 0.95 -26.47	45.08 1.56 -17.53	47.84 1.86 -14.98	60.89 2.47 -17.32	71.16 2.76 -22.37	71.53 2.85 -23.49	61.39 2.43 -17.72	57.52 2.38 -14.03	53.00 2.17 -12.67	48.76 1.71 -15.93	48.89 1.53 -19.60	48.89 1.59 -19.38	50.14 1.49 -22.57	58.80 1.62 -31.00	68.38 2.60 -24.55	78.26 3.03 -29.34	79.05 3.09 -31.20	63.90 2.82 -17.11	54.79 2.23 -15.38	50.38 2.03 -14.49	46.98 1.49 -21.13
DANSKAMMER___DIESEL 23592	50.14 1.87 -17.59	47.73 1.95 -12.67	44.97 1.51 -18.37	43.33 0.95 -26.47	45.08 1.56 -17.53	47.84 1.86 -14.98	60.89 2.47 -17.32	71.16 2.76 -22.37	71.53 2.85 -23.49	61.39 2.43 -17.72	57.52 2.38 -14.03	53.00 2.17 -12.67	48.76 1.71 -15.93	48.89 1.53 -19.60	48.89 1.59 -19.38	50.14 1.49 -22.57	58.80 1.62 -31.00	68.38 2.60 -24.55	78.26 3.03 -29.34	79.05 3.09 -31.20	63.90 2.82 -17.11	54.79 2.23 -15.38	50.38 2.03 -14.49	46.98 1.49 -21.13
DASHVILLE___HYD 23610	50.85 1.99 -18.18	48.25 2.05 -13.10	45.71 1.63 -18.99	44.31 1.03 -27.37	45.80 1.69 -18.12	48.60 2.11 -15.49	61.60 2.59 -17.90	72.01 2.85 -23.13	72.45 2.98 -24.28	62.03 2.47 -18.32	57.99 2.38 -14.50	53.38 2.14 -13.09	49.23 1.65 -16.46	49.50 1.47 -20.25	49.52 1.56 -20.04	50.90 1.49 -23.32	59.92 1.70 -32.05	69.33 2.72 -25.38	79.43 3.21 -30.32	80.33 3.31 -32.25	64.51 2.86 -17.69	55.34 2.27 -15.90	50.97 2.13 -14.97	47.81 1.61 -21.84
DELAWARE___LFGE 323621	38.08 1.01 -6.39	38.80 1.09 -4.60	32.57 0.80 -6.68	26.07 0.54 -9.62	33.19 0.83 -6.37	37.47 1.02 -5.44	48.76 1.35 -6.29	55.77 1.61 -8.13	55.36 1.58 -8.58	49.15 1.44 -6.48	47.55 1.32 -5.13	44.01 1.22 -4.63	37.94 1.00 -5.82	35.82 0.89 -7.16	35.92 0.92 -7.08	35.22 0.89 -8.25	38.36 0.86 -11.33	51.57 1.36 -8.97	58.32 1.70 -10.72	57.91 1.74 -11.40	51.93 1.71 -6.25	44.02 1.22 -5.62	40.21 1.05 -5.29	32.87 0.80 -7.71
DOGLEVILLE___HYD 23807	30.89 0.22 0.00	33.37 0.26 0.00	25.29 0.20 0.00	16.06 0.16 0.00	26.25 0.26 0.00	31.47 0.47 0.00	41.52 0.41 0.00	46.54 0.51 0.00	45.69 0.50 0.00	41.73 0.50 0.00	41.56 0.45 0.00	38.58 0.42 0.00	31.43 0.31 0.00	28.02 0.25 0.00	28.14 0.22 0.00	26.29 0.21 0.00	26.38 0.21 0.00	41.56 0.33 0.00	46.36 0.46 0.00	45.21 0.45 0.00	44.45 0.48 0.00	37.51 0.33 0.00	34.13 0.27 0.00	24.60 0.24 0.00
DUNKIRK___1 23563	34.71 0.80 -3.24	36.63 1.19 -2.33	29.27 0.80 -3.38	21.43 0.65 -4.87	29.84 0.62 -3.23	34.44 0.68 -2.76	45.44 1.15 -3.19	51.85 1.70 -4.12	50.60 1.31 -4.10	45.56 1.24 -3.09	44.30 0.74 -2.45	41.05 0.69 -2.21	34.55 0.65 -2.78	32.02 0.83 -3.42	31.94 0.64 -3.38	30.75 0.73 -3.93	32.07 0.50 -5.41	46.75 1.24 -4.28	52.34 1.33 -5.11	51.59 1.39 -5.44	48.84 1.89 -2.98	40.15 0.30 -2.68	36.56 0.17 -2.53	28.82 0.78 -3.68
DUNKIRK___2 23564	34.71 0.80 -3.24	36.63 1.19 -2.33	29.27 0.80 -3.38	21.43 0.65 -4.87	29.84 0.62 -3.23	34.44 0.68 -2.76	45.44 1.15 -3.19	51.85 1.70 -4.12	50.60 1.31 -4.10	45.56 1.24 -3.09	44.30 0.74 -2.45	41.05 0.69 -2.21	34.55 0.65 -2.78	32.02 0.83 -3.42	31.94 0.64 -3.38	30.75 0.73 -3.93	32.07 0.50 -5.41	46.75 1.24 -4.28	52.34 1.33 -5.11	51.59 1.39 -5.44	48.84 1.89 -2.98	40.15 0.30 -2.68	36.56 0.17 -2.53	28.82 0.78 -3.68
DUNKIRK___3 23565	34.48 0.58 -3.22	36.42 0.99 -2.32	29.11 0.65 -3.37	21.30 0.54 -4.85	29.70 0.49 -3.21	34.27 0.53 -2.75	45.10 0.82 -3.17	51.51 1.38 -4.10	50.22 0.95 -4.08	45.22 0.91 -3.08	43.96 0.41 -2.44	40.74 0.38 -2.20	34.29 0.40 -2.76	31.81 0.64 -3.40	31.73 0.45 -3.36	30.57 0.57 -3.92	31.86 0.32 -5.38	46.40 0.91 -4.26	51.95 0.97 -5.09	51.16 0.98 -5.42	48.47 1.54 -2.97	39.88 0.04 -2.67	36.34 -0.03 -2.51	28.66 0.63 -3.67
DUNKIRK___4 23566	34.48 0.58 -3.22	36.42 0.99 -2.32	29.11 0.65 -3.37	21.30 0.54 -4.85	29.70 0.49 -3.21	34.27 0.53 -2.75	45.10 0.82 -3.17	51.51 1.38 -4.10	50.22 0.95 -4.08	45.22 0.91 -3.08	43.96 0.41 -2.44	40.74 0.38 -2.20	34.29 0.40 -2.76	31.81 0.64 -3.40	31.73 0.45 -3.36	30.57 0.57 -3.92	31.86 0.32 -5.38	46.40 0.91 -4.26	51.95 0.97 -5.09	51.16 0.98 -5.42	48.47 1.54 -2.97	39.88 0.04 -2.67	36.34 -0.03 -2.51	28.66 0.63 -3.67
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.25 1.97 -17.61	47.84 2.05 -12.69	45.02 1.53 -18.40	43.38 0.97 -26.51	45.16 1.61 -17.55	47.96 1.95 -15.00	61.08 2.63 -17.34	71.38 2.95 -22.40	71.65 2.94 -23.52	61.58 2.60 -17.75	57.79 2.63 -14.05	53.21 2.37 -12.69	49.03 1.96 -15.95	49.15 1.75 -19.62	49.12 1.79 -19.41	50.38 1.69 -22.60	58.94 1.73 -31.05	68.54 2.72 -24.59	78.44 3.16 -29.38	79.19 3.18 -31.25	64.13 3.03 -17.14	55.03 2.45 -15.41	50.60 2.23 -14.51	47.13 1.61 -21.16
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.43 1.69 -17.07	47.15 1.75 -12.29	44.27 1.35 -17.83	42.45 0.86 -25.69	44.40 1.40 -17.01	47.21 1.67 -14.54	60.13 2.22 -16.80	70.22 2.48 -21.71	70.51 2.53 -22.79	60.62 2.18 -17.20	56.86 2.14 -13.61	52.39 1.94 -12.29	48.13 1.56 -15.46	48.18 1.39 -19.01	48.15 1.42 -18.81	49.34 1.36 -21.90	57.69 1.44 -30.09	67.37 2.31 -23.82	77.07 2.71 -28.47	77.86 2.82 -30.28	63.12 2.55 -16.61	54.15 2.04 -14.93	49.78 1.86 -14.06	46.20 1.34 -20.51
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.47 2.18 -17.62	48.08 2.28 -12.69	45.20 1.71 -18.41	43.50 1.08 -26.52	45.34 1.79 -17.56	48.21 2.20 -15.01	61.37 2.92 -17.35	71.61 3.17 -22.40	71.84 3.12 -23.53	61.94 2.84 -17.86	58.16 2.88 -14.17	53.74 2.60 -12.99	49.73 2.15 -16.46	49.83 1.91 -20.14	49.81 1.95 -19.93	51.06 1.85 -23.12	59.16 1.91 -31.08	68.81 2.97 -24.61	78.68 3.40 -29.39	79.51 3.49 -31.25	64.43 3.30 -17.16	55.30 2.68 -15.45	50.88 2.40 -14.61	47.33 1.70 -21.27
EAST HAMPTON___GT 23717	68.93 4.05 -34.20	56.08 4.27 -18.70	50.46 3.24 -22.13	50.24 2.10 -32.24	50.45 3.43 -21.03	49.96 3.87 -15.09	69.55 5.55 -22.89	74.79 6.35 -22.41	75.27 6.55 -23.52	72.50 5.90 -25.37	70.47 5.55 -23.81	69.47 5.19 -26.12	67.21 4.36 -31.74	66.64 3.81 -35.06	66.39 3.66 -34.81	69.64 3.62 -39.93	76.71 3.85 -46.69	80.14 5.94 -32.97	118.40 6.79 -65.72	93.30 6.71 -41.83	84.84 6.42 -34.45	72.73 5.24 -30.32	65.86 4.78 -27.22	64.16 3.43 -36.37
EAST RIVER___6 23660	50.51 2.21 -17.63	48.09 2.28 -12.70	45.19 1.71 -18.40	43.49 1.08 -26.51	45.33 1.79 -17.55	48.18 2.17 -15.01	61.46 3.00 -17.35	74.78 3.27 -25.48	78.89 3.26 -30.44	74.54 2.97 -30.34	72.80 2.96 -28.73	71.50 2.71 -30.64	70.24 2.21 -36.91	70.23 2.00 -40.45	70.29 2.01 -40.36	69.79 1.90 -41.80	72.99 1.94 -44.89	78.86 3.05 -34.58	79.99 3.49 -30.60	79.79 3.49 -31.53	74.46 3.34 -27.16	66.29 2.71 -26.40	61.54 2.51 -25.17	50.23 1.80 -24.08



EAST RIVER___7 23524	50.51 2.21 -17.63	48.09 2.28 -12.70	45.19 1.71 -18.40	43.49 1.08 -26.51	45.33 1.79 -17.55	48.18 2.17 -15.01	61.46 3.00 -17.35	74.78 3.27 -25.48	78.89 3.26 -30.44	74.54 2.97 -30.34	72.80 2.96 -28.73	71.50 2.71 -30.64	70.24 2.21 -36.91	70.23 2.00 -40.45	70.29 2.01 -40.36	69.79 1.90 -41.80	72.99 1.94 -44.89	78.86 3.05 -34.58	79.99 3.49 -30.60	79.79 3.49 -31.53	74.46 3.34 -27.16	66.29 2.71 -26.40	61.54 2.51 -25.17	50.23 1.80 -24.08
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.08 1.84 -17.57	47.71 1.95 -12.65	44.90 1.45 -18.35	43.27 0.92 -26.44	45.03 1.53 -17.51	47.79 1.83 -14.96	60.87 2.47 -17.30	71.14 2.76 -22.34	71.41 2.76 -23.46	61.44 2.43 -17.77	57.62 2.42 -14.09	53.23 2.21 -12.87	49.21 1.80 -16.29	49.37 1.64 -19.96	49.34 1.68 -19.75	50.58 1.56 -22.93	58.76 1.62 -30.97	68.27 2.52 -24.52	78.18 2.98 -29.30	78.97 3.05 -31.17	63.88 2.82 -17.09	54.81 2.27 -15.37	50.50 2.10 -14.54	47.03 1.49 -21.19
EAST_HAMPTON___DIESEL 23722	68.93 4.05 -34.20	56.08 4.27 -18.70	50.46 3.24 -22.13	50.24 2.10 -32.24	50.45 3.43 -21.03	50.00 3.91 -15.09	69.55 5.55 -22.89	74.79 6.35 -22.41	75.27 6.55 -23.52	72.50 5.90 -25.37	70.47 5.55 -23.81	69.47 5.19 -26.12	67.21 4.36 -31.74	66.64 3.81 -35.06	66.39 3.66 -34.81	69.64 3.62 -39.93	76.71 3.85 -46.69	80.14 5.94 -32.97	118.40 6.79 -65.72	93.30 6.71 -41.83	84.84 6.42 -34.45	72.73 5.24 -30.32	65.86 4.78 -27.22	64.16 3.43 -36.37
EAST_PULASKI___ESR 323781	32.15 0.00 -1.47	34.20 0.03 -1.06	26.63 0.00 -1.54	18.16 0.03 -2.22	27.46 0.00 -1.47	32.26 0.00 -1.26	42.60 0.04 -1.45	48.14 0.23 -1.88	47.33 0.14 -2.00	42.82 0.08 -1.51	42.30 0.00 -1.19	39.23 0.00 -1.08	32.44 -0.03 -1.35	29.41 -0.03 -1.67	29.54 -0.03 -1.65	27.98 -0.03 -1.92	28.78 -0.03 -2.64	43.28 -0.04 -2.09	48.53 0.14 -2.49	47.55 0.13 -2.65	45.60 0.18 -1.46	38.41 -0.07 -1.31	34.96 -0.13 -1.23	26.07 -0.05 -1.76
EAST_RIVER___1 323558	50.48 2.18 -17.63	48.09 2.28 -12.70	45.19 1.71 -18.40	43.51 1.10 -26.51	45.36 1.82 -17.55	48.22 2.20 -15.01	61.42 2.96 -17.35	74.78 3.27 -25.48	78.89 3.26 -30.44	74.50 2.93 -30.34	72.76 2.92 -28.73	71.46 2.67 -30.64	70.21 2.18 -36.91	70.20 1.97 -40.45	70.29 2.01 -40.36	69.76 1.88 -41.80	72.96 1.91 -44.89	78.82 3.01 -34.58	79.99 3.49 -30.60	79.83 3.54 -31.53	74.46 3.34 -27.16	66.29 2.71 -26.40	61.54 2.51 -25.17	50.23 1.80 -24.08
EAST_RIVER___2 323559	50.51 2.21 -17.63	48.09 2.28 -12.70	45.19 1.71 -18.40	43.49 1.08 -26.51	45.33 1.79 -17.55	48.18 2.17 -15.01	61.46 3.00 -17.35	74.78 3.27 -25.48	78.89 3.26 -30.44	74.54 2.97 -30.34	72.80 2.96 -28.73	71.50 2.71 -30.64	70.24 2.21 -36.91	70.23 2.00 -40.45	70.29 2.01 -40.36	69.79 1.90 -41.80	72.99 1.94 -44.89	78.86 3.05 -34.58	79.99 3.49 -30.60	79.79 3.49 -31.53	74.46 3.34 -27.16	66.29 2.71 -26.40	61.54 2.51 -25.17	50.23 1.80 -24.08
EAST___DELAWARE_HYD 23607	48.05 1.90 -15.47	46.23 1.99 -11.14	42.78 1.53 -16.16	40.16 0.97 -23.28	43.02 1.61 -15.42	46.29 2.11 -13.18	58.89 2.55 -15.23	68.56 2.85 -19.68	68.79 2.94 -20.66	59.30 2.47 -15.59	55.79 2.34 -12.34	51.40 2.10 -11.14	46.81 1.68 -14.01	46.48 1.47 -17.24	46.54 1.56 -17.05	47.42 1.49 -19.85	55.09 1.65 -27.28	65.48 2.64 -21.60	74.83 3.12 -25.81	75.44 3.22 -27.45	61.88 2.86 -15.06	52.98 2.27 -13.53	48.71 2.10 -12.74	44.48 1.54 -18.59
ELEC_TRO_TEK 24086	67.36 2.48 -34.20	54.46 2.65 -18.70	49.23 2.01 -22.13	49.43 1.29 -32.24	49.13 2.10 -21.03	48.57 2.48 -15.09	67.41 3.41 -22.89	72.16 3.73 -22.41	72.47 3.75 -23.52	69.94 3.34 -25.37	68.13 3.21 -23.81	67.26 2.98 -26.12	65.35 2.49 -31.74	65.06 2.22 -35.06	64.99 2.26 -34.81	68.13 2.11 -39.93	75.01 2.15 -46.69	77.54 3.34 -32.97	115.47 3.86 -65.72	90.44 3.85 -41.83	82.11 3.69 -34.45	70.50 3.01 -30.32	63.90 2.81 -27.22	62.77 2.05 -36.37
ELLENBURG_WT_PWR 323604	31.05 0.37 0.00	32.84 -0.27 0.00	24.64 -0.45 0.00	15.21 -0.70 0.00	26.28 0.29 0.00	31.59 0.59 0.00	42.34 1.23 0.00	47.41 1.38 0.00	46.55 1.35 0.00	42.43 1.20 0.00	42.26 1.15 0.00	38.84 0.69 0.00	31.43 0.31 0.00	27.91 0.14 0.00	27.89 -0.03 0.00	26.01 -0.08 0.00	26.38 0.21 0.00	41.03 -0.21 0.00	45.81 -0.09 0.00	45.21 0.45 0.00	44.01 0.04 0.00	37.88 0.70 0.00	34.61 0.74 0.00	24.72 0.37 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.93 0.19 -3.07	35.94 0.63 -2.21	28.70 0.40 -3.21	20.89 0.37 -4.62	29.28 0.23 -3.06	33.89 0.28 -2.61	44.38 0.25 -3.02	50.58 0.64 -3.90	49.44 0.36 -3.88	44.42 0.25 -2.93	43.18 -0.25 -2.32	40.06 -0.19 -2.10	33.72 -0.03 -2.63	31.26 0.25 -3.24	31.24 0.11 -3.21	30.08 0.26 -3.73	31.27 -0.03 -5.13	45.58 0.29 -4.06	50.93 0.18 -4.85	50.15 0.22 -5.16	47.67 0.88 -2.83	39.27 -0.44 -2.54	35.85 -0.40 -2.40	28.24 0.39 -3.49
EMPIRE_CC_1 323656	53.66 0.52 -22.46	49.91 0.63 -16.18	49.01 0.45 -23.47	50.00 0.29 -33.81	48.85 0.47 -22.39	50.69 0.56 -19.14	63.84 0.62 -22.12	75.25 0.64 -28.57	75.89 0.72 -29.98	64.60 0.74 -22.62	59.72 0.70 -17.91	55.05 0.72 -16.17	52.07 0.62 -20.33	53.34 0.56 -25.01	53.19 0.53 -24.74	55.38 0.49 -28.80	66.18 0.44 -39.57	73.39 0.82 -31.34	84.17 0.83 -37.45	85.30 0.71 -39.82	66.60 0.79 -21.84	57.44 0.63 -19.64	52.83 0.47 -18.49	51.55 0.22 -26.98
EMPIRE_CC_2 323658	53.66 0.52 -22.46	49.91 0.63 -16.18	49.01 0.45 -23.47	50.00 0.29 -33.81	48.85 0.47 -22.39	50.69 0.56 -19.14	63.84 0.62 -22.12	75.25 0.64 -28.57	75.89 0.72 -29.98	64.60 0.74 -22.62	59.72 0.70 -17.91	55.05 0.72 -16.17	52.07 0.62 -20.33	53.34 0.56 -25.01	53.19 0.53 -24.74	55.38 0.49 -28.80	66.18 0.44 -39.57	73.39 0.82 -31.34	84.17 0.83 -37.45	85.30 0.71 -39.82	66.60 0.79 -21.84	57.44 0.63 -19.64	52.83 0.47 -18.49	51.55 0.22 -26.98
ERIE_WT_PWR 323693	34.12 0.31 -3.14	36.13 0.76 -2.26	28.85 0.48 -3.28	21.05 0.41 -4.73	29.44 0.31 -3.13	34.05 0.37 -2.68	44.61 0.41 -3.09	50.94 0.92 -3.99	49.75 0.59 -3.97	44.73 0.50 -3.00	43.44 -0.04 -2.38	40.30 0.00 -2.14	33.94 0.12 -2.69	31.47 0.39 -3.31	31.45 0.25 -3.28	30.27 0.37 -3.82	31.49 0.08 -5.24	45.88 0.50 -4.15	51.27 0.41 -4.96	50.49 0.45 -5.28	47.96 1.10 -2.89	39.48 -0.30 -2.60	36.04 -0.27 -2.45	28.39 0.46 -3.58
ETNA_115_KV_TBI_REV_LBMP_C 345029	35.72 0.98 -4.06	37.16 1.13 -2.93	30.09 0.75 -4.25	22.55 0.52 -6.12	30.80 0.75 -4.05	35.39 0.93 -3.46	46.43 1.32 -4.00	52.95 1.75 -5.17	52.22 1.62 -5.40	46.79 1.48 -4.08	45.65 1.32 -3.23	42.25 1.18 -2.91	35.75 0.97 -3.66	33.19 0.92 -4.51	33.35 0.98 -4.46	32.21 0.94 -5.19	34.19 0.89 -7.13	48.36 1.48 -5.65	54.57 1.93 -6.75	53.77 1.84 -7.18	49.79 1.89 -3.94	41.87 1.15 -3.54	38.14 0.95 -3.33	29.96 0.78 -4.82
E_CANADA_CAP_HY 24051	63.48 1.93 -30.87	57.42 2.09 -22.23	58.81 1.48 -32.24	63.35 0.99 -46.46	58.26 1.51 -30.76	59.15 1.86 -26.29	74.29 2.80 -30.39	88.79 3.50 -39.26	90.14 3.71 -41.24	75.61 3.26 -31.12	68.71 2.96 -24.64	62.99 2.60 -22.24	61.08 1.99 -27.97	63.96 1.78 -34.41	63.83 1.87 -34.04	67.53 1.83 -39.62	82.26 1.65 -54.44	87.23 2.89 -43.11	100.81 3.40 -51.51	102.99 3.45 -54.79	77.45 3.43 -30.05	66.94 2.75 -27.01	61.53 2.23 -25.43	63.00 1.54 -37.11



E_CANADA_MHWK_HY 24050	30.89 0.22 0.00	33.37 0.26 0.00	25.29 0.20 0.00	16.06 0.16 0.00	26.25 0.26 0.00	31.47 0.47 0.00	41.52 0.41 0.00	46.54 0.51 0.00	45.69 0.50 0.00	41.73 0.50 0.00	41.56 0.45 0.00	38.58 0.42 0.00	31.43 0.31 0.00	28.02 0.25 0.00	28.14 0.22 0.00	26.29 0.21 0.00	26.38 0.21 0.00	41.56 0.33 0.00	46.36 0.46 0.00	45.21 0.45 0.00	44.45 0.48 0.00	37.51 0.33 0.00	34.13 0.27 0.00	24.60 0.24 0.00
E_FISHKILL___LBMP 23776	50.16 1.53 -17.95	47.66 1.62 -12.93	45.07 1.23 -18.75	43.72 0.79 -27.02	45.18 1.30 -17.89	47.84 1.55 -15.29	60.84 2.05 -17.67	71.17 2.30 -22.83	71.47 2.30 -23.97	61.39 2.06 -18.09	57.48 2.05 -14.32	52.95 1.87 -12.93	48.93 1.56 -16.26	49.16 1.39 -20.00	49.13 1.42 -19.79	50.45 1.33 -23.03	59.17 1.36 -31.65	68.44 2.14 -25.06	78.37 2.52 -29.95	79.16 2.55 -31.85	63.81 2.37 -17.47	54.81 1.93 -15.70	50.41 1.76 -14.79	47.17 1.24 -21.57
FALCON___SEABRD_CC1 323796	31.20 0.52 0.00	33.17 0.07 0.00	25.04 -0.05 0.00	15.52 -0.38 0.00	26.46 0.47 0.00	31.68 0.68 0.00	42.34 1.23 0.00	47.46 1.43 0.00	46.60 1.40 0.00	42.47 1.24 0.00	42.30 1.19 0.00	38.96 0.80 0.00	31.65 0.53 0.00	28.11 0.33 0.00	28.17 0.25 0.00	26.24 0.16 0.00	26.58 0.42 0.00	41.56 0.33 0.00	46.40 0.51 0.00	45.48 0.71 0.00	44.23 0.27 0.00	38.03 0.86 0.00	34.74 0.88 0.00	24.84 0.49 0.00
FALCON___SEABRD_CC2 323797	31.20 0.52 0.00	33.17 0.07 0.00	25.04 -0.05 0.00	15.52 -0.38 0.00	26.46 0.47 0.00	31.68 0.68 0.00	42.34 1.23 0.00	47.46 1.43 0.00	46.60 1.40 0.00	42.47 1.24 0.00	42.30 1.19 0.00	38.96 0.80 0.00	31.65 0.53 0.00	28.11 0.33 0.00	28.17 0.25 0.00	26.24 0.16 0.00	26.58 0.42 0.00	41.56 0.33 0.00	46.40 0.51 0.00	45.48 0.71 0.00	44.23 0.27 0.00	38.03 0.86 0.00	34.74 0.88 0.00	24.84 0.49 0.00
FAR ROCKAWAY___4 23548	67.76 2.88 -34.20	54.85 3.04 -18.70	49.53 2.31 -22.13	49.62 1.48 -32.24	49.44 2.42 -21.03	48.97 2.88 -15.09	67.86 3.86 -22.89	72.72 4.28 -22.41	73.01 4.30 -23.52	70.44 3.84 -25.37	68.66 3.74 -23.81	67.72 3.44 -26.12	65.69 2.83 -31.74	65.39 2.55 -35.06	65.27 2.54 -34.81	68.44 2.43 -39.93	75.32 2.46 -46.69	78.04 3.84 -32.97	115.65 4.04 -65.72	90.66 4.07 -41.83	82.68 4.26 -34.45	70.98 3.49 -30.32	64.34 3.25 -27.22	63.06 2.34 -36.37
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.48 2.18 -17.63	48.12 2.32 -12.70	45.19 1.71 -18.40	43.51 1.10 -26.51	45.36 1.82 -17.55	48.22 2.20 -15.02	61.42 2.96 -17.35	74.79 3.27 -25.49	78.76 3.26 -30.31	74.65 2.93 -30.49	72.42 2.92 -28.39	71.49 2.67 -30.67	70.53 2.18 -37.24	70.52 1.97 -40.78	70.61 2.01 -40.68	70.13 1.88 -42.16	72.87 1.91 -44.80	78.67 3.01 -34.43	80.04 3.53 -30.61	79.82 3.54 -31.52	74.50 3.34 -27.20	66.27 2.71 -26.39	61.69 2.51 -25.31	50.36 1.80 -24.21
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.51 2.21 -17.63	48.12 2.32 -12.70	45.22 1.73 -18.40	43.51 1.10 -26.51	45.36 1.82 -17.55	48.22 2.20 -15.02	61.42 2.96 -17.35	74.79 3.27 -25.49	78.76 3.26 -30.31	74.65 2.93 -30.49	72.42 2.92 -28.39	71.49 2.67 -30.67	70.53 2.18 -37.24	70.52 1.97 -40.78	70.61 2.01 -40.68	70.13 1.88 -42.16	72.87 1.91 -44.80	78.67 3.01 -34.43	80.04 3.53 -30.61	79.82 3.54 -31.52	74.50 3.34 -27.20	66.27 2.71 -26.39	61.69 2.51 -25.31	50.36 1.80 -24.21
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.48 2.18 -17.63	48.09 2.28 -12.70	45.19 1.71 -18.40	43.49 1.08 -26.51	45.33 1.79 -17.55	48.22 2.20 -15.02	61.38 2.92 -17.35	74.79 3.27 -25.49	78.71 3.21 -30.31	74.65 2.93 -30.49	72.37 2.88 -28.39	71.45 2.63 -30.67	70.53 2.18 -37.24	70.50 1.94 -40.78	70.58 1.98 -40.68	70.10 1.85 -42.16	72.87 1.91 -44.80	78.64 2.97 -34.43	79.99 3.49 -30.61	79.78 3.49 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.65 2.47 -25.31	50.34 1.78 -24.21
FARRAGUT___LBMP 323566	50.45 2.15 -17.63	48.09 2.28 -12.70	45.17 1.68 -18.40	43.49 1.08 -26.51	45.33 1.79 -17.55	48.18 2.17 -15.02	61.34 2.88 -17.35	74.74 3.22 -25.49	78.66 3.16 -30.31	74.61 2.89 -30.49	72.37 2.88 -28.39	71.42 2.60 -30.67	70.50 2.15 -37.24	70.47 1.91 -40.78	70.55 1.95 -40.68	70.10 1.85 -42.16	72.85 1.89 -44.80	78.59 2.93 -34.43	79.95 3.44 -30.61	79.73 3.45 -31.52	74.46 3.30 -27.20	66.24 2.68 -26.39	61.62 2.44 -25.31	50.34 1.78 -24.21
FENNER___WINDPWR 24204	33.72 0.74 -2.31	35.60 0.83 -1.67	28.08 0.58 -2.42	19.78 0.40 -3.48	28.87 0.57 -2.31	33.75 0.78 -1.97	44.37 0.99 -2.28	50.26 1.29 -2.94	49.45 1.17 -3.08	44.63 1.07 -2.33	43.90 0.95 -1.84	40.70 0.88 -1.66	33.93 0.72 -2.09	30.99 0.64 -2.57	31.13 0.67 -2.55	29.65 0.60 -2.96	30.81 0.57 -4.07	45.36 0.91 -3.22	50.99 1.24 -3.85	50.02 1.16 -4.10	47.40 1.19 -2.25	39.94 0.74 -2.02	36.38 0.61 -1.90	27.64 0.51 -2.77
FIBERTEK___ENERGY 23856	33.03 0.37 -1.98	34.99 0.46 -1.43	27.44 0.28 -2.07	19.11 0.22 -2.98	28.23 0.26 -1.97	33.03 0.34 -1.69	43.56 0.50 -1.95	49.29 0.73 -2.52	48.50 0.68 -2.63	43.84 0.62 -1.98	43.21 0.53 -1.57	40.03 0.46 -1.42	33.28 0.37 -1.78	30.35 0.39 -2.19	30.51 0.42 -2.17	29.00 0.39 -2.52	30.00 0.37 -3.47	44.56 0.58 -2.74	49.96 0.78 -3.28	48.96 0.71 -3.49	46.71 0.83 -1.91	39.27 0.37 -1.72	35.75 0.27 -1.62	27.01 0.29 -2.36
FITZPATRICK___ 23598	31.58 -0.34 -1.24	33.70 -0.30 -0.90	26.11 -0.28 -1.30	17.64 -0.14 -1.87	26.92 -0.31 -1.24	31.72 -0.34 -1.06	41.88 -0.45 -1.23	47.20 -0.42 -1.58	46.39 -0.45 -1.65	42.07 -0.41 -1.25	41.60 -0.49 -0.99	38.59 -0.46 -0.89	31.87 -0.37 -1.12	28.84 -0.30 -1.38	29.00 -0.28 -1.36	27.41 -0.26 -1.59	28.06 -0.29 -2.18	42.59 -0.37 -1.72	47.64 -0.32 -2.06	46.64 -0.31 -2.19	44.91 -0.26 -1.20	37.85 -0.41 -1.08	34.48 -0.40 -1.02	25.63 -0.22 -1.50
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.23 1.90 -17.65	47.80 1.99 -12.71	45.05 1.53 -18.43	43.44 0.97 -26.56	45.16 1.59 -17.59	47.92 1.89 -15.03	60.99 2.51 -17.37	71.28 2.81 -22.44	71.65 2.89 -23.57	61.53 2.52 -17.78	57.61 2.42 -14.08	53.08 2.21 -12.71	48.84 1.74 -15.98	48.99 1.55 -19.66	48.99 1.62 -19.45	50.24 1.51 -22.64	58.93 1.65 -31.11	68.51 2.64 -24.63	78.41 3.08 -29.44	79.25 3.18 -31.31	63.99 2.86 -17.17	54.88 2.27 -15.44	50.46 2.07 -14.53	47.07 1.51 -21.20
FORT ORANGE___ 23900	54.00 0.52 -22.80	50.09 0.56 -16.42	49.31 0.40 -23.82	50.47 0.25 -34.32	49.15 0.44 -22.72	50.95 0.53 -19.42	64.21 0.66 -22.45	75.76 0.73 -29.00	76.55 0.95 -30.41	65.01 0.82 -22.95	60.05 0.78 -18.17	55.28 0.72 -16.40	52.27 0.53 -20.62	53.64 0.50 -25.37	53.52 0.50 -25.10	55.80 0.49 -29.22	66.78 0.47 -40.14	73.97 0.95 -31.79	84.89 1.01 -37.98	86.14 0.98 -40.40	67.13 1.01 -22.16	57.83 0.74 -19.92	53.23 0.61 -18.75	52.08 0.37 -27.36
FORT_DRUM_COGEN 23780	32.08 0.34 -1.07	34.20 0.33 -0.77	26.45 0.25 -1.11	17.72 0.21 -1.61	27.37 0.31 -1.06	32.31 0.40 -0.91	42.65 0.50 -1.05	48.17 0.78 -1.36	47.27 0.54 -1.54	42.85 0.45 -1.16	42.23 0.21 -0.92	39.18 0.19 -0.83	32.32 0.16 -1.04	29.00 -0.06 -1.28	29.16 -0.03 -1.27	27.43 -0.13 -1.48	28.12 -0.08 -2.03	42.80 -0.04 -1.61	48.23 0.41 -1.92	47.20 0.40 -2.04	45.35 0.27 -1.12	38.41 0.22 -1.01	34.91 0.10 -0.95	25.68 0.05 -1.28



FPL FAR_ROCK_GT1 24212	67.76 2.88 -34.20	54.85 3.04 -18.70	49.53 2.31 -22.13	49.62 1.48 -32.24	49.44 2.42 -21.03	48.97 2.88 -15.09	67.86 3.86 -22.89	72.72 4.28 -22.41	73.01 4.30 -23.52	70.44 3.84 -25.37	68.66 3.74 -23.81	67.72 3.44 -26.12	65.69 2.83 -31.74	65.39 2.55 -35.06	65.27 2.54 -34.81	68.44 2.43 -39.93	75.32 2.46 -46.69	78.04 3.84 -32.97	115.65 4.04 -65.72	90.66 4.07 -41.83	82.68 4.26 -34.45	70.98 3.49 -30.32	64.34 3.25 -27.22	63.06 2.34 -36.37
FPL FAR_ROCK_GT2 23815	67.76 2.88 -34.20	54.85 3.04 -18.70	49.53 2.31 -22.13	49.62 1.48 -32.24	49.44 2.42 -21.03	48.97 2.88 -15.09	67.86 3.86 -22.89	72.72 4.28 -22.41	73.01 4.30 -23.52	70.44 3.84 -25.37	68.66 3.74 -23.81	67.72 3.44 -26.12	65.69 2.83 -31.74	65.39 2.55 -35.06	65.27 2.54 -34.81	68.44 2.43 -39.93	75.32 2.46 -46.69	78.04 3.84 -32.97	115.65 4.04 -65.72	90.66 4.07 -41.83	82.68 4.26 -34.45	70.98 3.49 -30.32	64.34 3.25 -27.22	63.06 2.34 -36.37
FRANKLIN_FALL_HYD 24054	30.71 0.03 0.00	32.87 -0.23 0.00	25.09 0.00 0.00	15.70 -0.21 0.00	26.12 0.13 0.00	31.09 0.09 0.00	41.44 0.33 0.00	46.40 0.37 0.00	45.55 0.36 0.00	41.56 0.33 0.00	41.40 0.29 0.00	38.31 0.15 0.00	31.28 0.16 0.00	27.80 0.03 0.00	27.89 -0.03 0.00	25.85 -0.24 0.00	26.19 0.03 0.00	41.28 0.04 0.00	46.04 0.14 0.00	44.72 -0.04 0.00	43.35 -0.62 0.00	37.36 0.19 0.00	34.13 0.27 0.00	24.40 0.05 0.00
FREEPORT_EQUS_GT1 23764	67.61 2.73 -34.20	54.69 2.88 -18.70	49.40 2.18 -22.13	49.54 1.40 -32.24	49.31 2.29 -21.03	48.79 2.70 -15.09	67.70 3.70 -22.89	72.49 4.05 -22.41	72.83 4.11 -23.52	70.27 3.67 -25.37	68.46 3.54 -23.81	67.52 3.24 -26.12	65.54 2.68 -31.74	65.25 2.41 -35.06	65.19 2.46 -34.81	68.31 2.30 -39.93	75.22 2.36 -46.69	77.83 3.63 -32.97	115.83 4.22 -65.72	90.80 4.21 -41.83	82.42 4.00 -34.45	70.76 3.27 -30.32	64.17 3.08 -27.22	62.97 2.24 -36.37
FREEPORT___CT2 23818	67.61 2.73 -34.20	54.69 2.88 -18.70	49.40 2.18 -22.13	49.54 1.40 -32.24	49.31 2.29 -21.03	48.79 2.70 -15.09	67.70 3.70 -22.89	72.49 4.05 -22.41	72.83 4.11 -23.52	70.27 3.67 -25.37	68.46 3.54 -23.81	67.52 3.24 -26.12	65.54 2.68 -31.74	65.25 2.41 -35.06	65.19 2.46 -34.81	68.31 2.30 -39.93	75.22 2.36 -46.69	77.83 3.63 -32.97	115.83 4.22 -65.72	90.80 4.21 -41.83	82.42 4.00 -34.45	70.76 3.27 -30.32	64.17 3.08 -27.22	62.97 2.24 -36.37
FULTON COGEN____ 23766	32.37 0.09 -1.60	34.42 0.17 -1.15	26.81 0.05 -1.67	18.40 0.08 -2.41	27.61 0.03 -1.60	32.46 0.09 -1.36	42.81 0.12 -1.58	48.35 0.28 -2.04	47.55 0.23 -2.13	43.05 0.21 -1.61	42.51 0.12 -1.27	39.42 0.11 -1.15	32.66 0.09 -1.45	29.66 0.11 -1.78	29.82 0.14 -1.76	28.29 0.16 -2.05	29.09 0.11 -2.82	43.63 0.17 -2.23	48.89 0.32 -2.66	47.87 0.27 -2.83	45.87 0.35 -1.55	38.57 0.00 -1.40	35.15 -0.03 -1.32	26.34 0.07 -1.91
FULTON___LFGE 323630	61.37 2.48 -28.21	56.14 2.72 -20.32	56.46 1.91 -29.46	59.60 1.24 -42.45	56.00 1.90 -28.11	57.82 2.79 -24.03	72.50 3.62 -27.77	86.37 4.46 -35.88	87.73 4.84 -37.69	73.85 4.16 -28.45	67.41 3.78 -22.52	61.77 3.28 -20.33	59.14 2.46 -25.56	61.47 2.25 -31.45	61.40 2.37 -31.11	64.73 2.43 -36.22	78.20 2.28 -49.76	84.72 4.08 -39.40	97.80 4.82 -47.09	99.63 4.79 -50.08	76.31 4.88 -27.47	65.62 3.75 -24.69	60.13 3.01 -23.25	60.35 2.07 -33.92
G.F.CEMENT___DRP 24184	55.75 1.66 -23.41	51.72 1.75 -16.87	50.78 1.23 -24.46	51.94 0.79 -35.24	50.57 1.25 -23.33	52.49 1.55 -19.95	66.54 2.38 -23.05	78.80 2.99 -29.78	79.87 3.39 -31.28	67.85 3.01 -23.61	62.43 2.63 -18.69	57.32 2.29 -16.87	54.05 1.71 -21.22	55.40 1.53 -26.10	55.27 1.53 -25.82	57.58 1.43 -30.06	68.83 1.36 -41.30	76.41 2.47 -32.70	87.77 2.80 -39.08	89.14 2.82 -41.56	69.79 3.03 -22.79	60.05 2.38 -20.49	54.99 1.83 -19.29	53.72 1.22 -28.15
GARDENVILLE___LBMP 24039	34.05 0.24 -3.13	36.02 0.66 -2.25	28.78 0.43 -3.27	20.99 0.38 -4.71	29.37 0.26 -3.12	33.97 0.31 -2.66	44.51 0.33 -3.08	50.79 0.78 -3.98	49.60 0.45 -3.95	44.59 0.37 -2.98	43.35 -0.12 -2.36	40.21 -0.08 -2.13	33.83 0.03 -2.68	31.37 0.31 -3.30	31.35 0.17 -3.26	30.17 0.29 -3.80	31.41 0.03 -5.22	45.74 0.37 -4.13	51.16 0.32 -4.94	50.37 0.36 -5.25	47.86 1.01 -2.88	39.39 -0.37 -2.59	35.96 -0.34 -2.44	28.33 0.41 -3.56
GENERAL___MILLS 23808	34.12 0.31 -3.14	36.09 0.73 -2.26	28.85 0.48 -3.28	21.03 0.40 -4.73	29.41 0.29 -3.13	34.05 0.37 -2.68	44.57 0.37 -3.09	50.90 0.87 -3.99	49.75 0.59 -3.97	44.69 0.45 -3.00	43.44 -0.04 -2.38	40.30 0.00 -2.14	33.91 0.09 -2.69	31.45 0.36 -3.31	31.42 0.22 -3.28	30.24 0.34 -3.82	31.49 0.08 -5.24	45.84 0.45 -4.15	51.27 0.41 -4.96	50.44 0.40 -5.28	47.96 1.10 -2.89	39.48 -0.30 -2.60	36.01 -0.31 -2.45	28.39 0.46 -3.58
GE_PLASTICS___DRP 24183	54.12 0.58 -22.86	50.20 0.63 -16.47	49.45 0.48 -23.88	50.62 0.30 -34.41	49.27 0.49 -22.79	51.06 0.59 -19.48	64.36 0.74 -22.51	75.94 0.83 -29.08	76.69 0.99 -30.51	65.13 0.87 -23.02	60.16 0.82 -18.22	55.41 0.80 -16.45	52.43 0.62 -20.69	53.81 0.58 -25.45	53.66 0.56 -25.18	55.95 0.55 -29.31	66.96 0.52 -40.27	74.03 0.91 -31.89	84.97 0.97 -38.11	86.23 0.94 -40.53	67.16 0.97 -22.23	57.90 0.74 -19.98	53.32 0.64 -18.82	52.20 0.39 -27.45
GILBOA___1 23756	49.48 0.74 -18.07	46.95 0.83 -13.02	44.60 0.63 -18.88	43.50 0.40 -27.20	44.62 0.62 -18.01	47.17 0.78 -15.39	59.89 0.99 -17.79	70.17 1.15 -22.99	70.50 1.17 -24.14	60.52 1.07 -18.22	56.56 1.03 -14.42	52.13 0.95 -13.02	48.27 0.78 -16.37	48.63 0.72 -20.14	48.57 0.72 -19.92	49.95 0.68 -23.19	58.71 0.68 -31.87	67.50 1.03 -25.23	77.24 1.19 -30.15	77.99 1.16 -32.07	62.78 1.23 -17.59	53.91 0.93 -15.81	49.63 0.88 -14.89	46.68 0.61 -21.72
GILBOA___2 23757	49.48 0.74 -18.07	46.95 0.83 -13.02	44.60 0.63 -18.88	43.50 0.40 -27.20	44.62 0.62 -18.01	47.17 0.78 -15.39	59.89 0.99 -17.79	70.17 1.15 -22.99	70.50 1.17 -24.14	60.52 1.07 -18.22	56.56 1.03 -14.42	52.13 0.95 -13.02	48.27 0.78 -16.37	48.63 0.72 -20.14	48.57 0.72 -19.92	49.95 0.68 -23.19	58.71 0.68 -31.87	67.50 1.03 -25.23	77.24 1.19 -30.15	77.99 1.16 -32.07	62.78 1.23 -17.59	53.91 0.93 -15.81	49.63 0.88 -14.89	46.68 0.61 -21.72
GILBOA___3 23758	49.48 0.74 -18.07	46.95 0.83 -13.02	44.60 0.63 -18.88	43.50 0.40 -27.20	44.62 0.62 -18.01	47.17 0.78 -15.39	59.89 0.99 -17.79	70.17 1.15 -22.99	70.50 1.17 -24.14	60.52 1.07 -18.22	56.56 1.03 -14.42	52.13 0.95 -13.02	48.27 0.78 -16.37	48.63 0.72 -20.14	48.57 0.72 -19.92	49.95 0.68 -23.19	58.71 0.68 -31.87	67.50 1.03 -25.23	77.24 1.19 -30.15	77.99 1.16 -32.07	62.78 1.23 -17.59	53.91 0.93 -15.81	49.63 0.88 -14.89	46.68 0.61 -21.72
GILBOA___4 23759	49.48 0.74 -18.07	46.95 0.83 -13.02	44.60 0.63 -18.88	43.50 0.40 -27.20	44.62 0.62 -18.01	47.17 0.78 -15.39	59.89 0.99 -17.79	70.17 1.15 -22.99	70.50 1.17 -24.14	60.52 1.07 -18.22	56.56 1.03 -14.42	52.13 0.95 -13.02	48.27 0.78 -16.37	48.63 0.72 -20.14	48.57 0.72 -19.92	49.95 0.68 -23.19	58.71 0.68 -31.87	67.50 1.03 -25.23	77.24 1.19 -30.15	77.99 1.16 -32.07	62.78 1.23 -17.59	53.91 0.93 -15.81	49.63 0.88 -14.89	46.68 0.61 -21.72



GILBOA____ 23599	49.48 0.74 -18.07	46.95 0.83 -13.02	44.60 0.63 -18.88	43.50 0.40 -27.20	44.62 0.62 -18.01	47.17 0.78 -15.39	59.89 0.99 -17.79	70.17 1.15 -22.99	70.50 1.17 -24.14	60.52 1.07 -18.22	56.56 1.03 -14.42	52.13 0.95 -13.02	48.27 0.78 -16.37	48.63 0.72 -20.14	48.57 0.72 -19.92	49.95 0.68 -23.19	58.71 0.68 -31.87	67.50 1.03 -25.23	77.24 1.19 -30.15	77.99 1.16 -32.07	62.78 1.23 -17.59	53.91 0.93 -15.81	49.63 0.88 -14.89	46.68 0.61 -21.72
GINNA____ 23603	32.07 -0.86 -2.26	34.00 -0.73 -1.63	26.79 -0.65 -2.36	18.95 -0.35 -3.40	27.46 -0.78 -2.25	32.12 -0.81 -1.92	42.22 -1.11 -2.22	47.89 -1.01 -2.87	47.07 -1.04 -2.91	42.36 -1.07 -2.20	41.49 -1.36 -1.74	38.54 -1.18 -1.57	32.04 -1.06 -1.98	29.43 -0.78 -2.43	29.49 -0.84 -2.40	28.26 -0.63 -2.80	29.23 -0.78 -3.85	43.21 -1.07 -3.05	48.39 -1.15 -3.64	47.56 -1.07 -3.87	45.34 -0.75 -2.12	37.78 -1.30 -1.91	34.41 -1.25 -1.80	26.39 -0.61 -2.64
GLEN PARK____ 23778	32.17 0.40 -1.10	34.29 0.40 -0.79	26.56 0.33 -1.15	17.81 0.25 -1.65	27.48 0.39 -1.09	32.43 0.49 -0.94	42.81 0.62 -1.08	48.35 0.92 -1.40	47.51 0.72 -1.59	43.01 0.58 -1.20	42.39 0.33 -0.95	39.28 0.27 -0.86	32.42 0.22 -1.08	29.10 0.00 -1.33	29.29 0.06 -1.31	27.56 -0.05 -1.53	28.27 0.00 -2.10	43.02 0.12 -1.66	48.48 0.60 -1.99	47.46 0.58 -2.11	45.57 0.44 -1.16	38.55 0.33 -1.04	35.02 0.17 -0.98	25.77 0.10 -1.32
GLENWOOD_IC_1_G5 23712	67.27 2.39 -34.20	54.32 2.51 -18.70	49.10 1.88 -22.13	49.35 1.21 -32.24	49.02 2.00 -21.03	48.44 2.35 -15.09	67.25 3.25 -22.89	71.98 3.54 -22.41	72.29 3.57 -23.52	69.82 3.22 -25.37	68.09 3.17 -23.81	67.18 2.90 -26.12	65.25 2.40 -31.74	65.00 2.17 -35.06	64.91 2.18 -34.81	68.08 2.06 -39.93	74.96 2.09 -46.69	77.50 3.30 -32.97	115.42 3.81 -65.72	90.44 3.85 -41.83	82.07 3.65 -34.45	70.43 2.94 -30.32	63.76 2.67 -27.22	62.68 1.95 -36.37
GLENWOOD_IC_2_G1 23688	67.09 2.21 -34.20	54.12 2.32 -18.70	48.98 1.76 -22.13	49.25 1.11 -32.24	48.87 1.85 -21.03	48.29 2.20 -15.09	67.00 3.00 -22.89	71.75 3.32 -22.41	72.01 3.30 -23.52	69.57 2.97 -25.37	67.84 2.92 -23.81	66.95 2.67 -26.12	65.07 2.21 -31.74	64.84 2.00 -35.06	64.74 2.01 -34.81	67.92 1.90 -39.93	74.80 1.94 -46.69	77.21 3.01 -32.97	115.15 3.53 -65.72	90.13 3.54 -41.83	81.80 3.39 -34.45	70.24 2.75 -30.32	63.59 2.51 -27.22	62.53 1.80 -36.37
GLENWOOD_IC_3_G1 23689	67.09 2.21 -34.20	54.12 2.32 -18.70	48.98 1.76 -22.13	49.25 1.11 -32.24	48.87 1.85 -21.03	48.29 2.20 -15.09	67.00 3.00 -22.89	71.75 3.32 -22.41	72.01 3.30 -23.52	69.57 2.97 -25.37	67.84 2.92 -23.81	66.95 2.67 -26.12	65.07 2.21 -31.74	64.84 2.00 -35.06	64.74 2.01 -34.81	67.92 1.90 -39.93	74.80 1.94 -46.69	77.21 3.01 -32.97	115.15 3.53 -65.72	90.13 3.54 -41.83	81.80 3.39 -34.45	70.24 2.75 -30.32	63.59 2.51 -27.22	62.53 1.80 -36.37
GLENWOOD____4 23550	67.27 2.39 -34.20	54.32 2.51 -18.70	49.10 1.88 -22.13	49.35 1.21 -32.24	49.02 2.00 -21.03	48.44 2.35 -15.09	67.25 3.25 -22.89	71.98 3.54 -22.41	72.29 3.57 -23.52	69.82 3.22 -25.37	68.09 3.17 -23.81	67.18 2.90 -26.12	65.25 2.40 -31.74	65.00 2.17 -35.06	64.91 2.18 -34.81	68.08 2.06 -39.93	74.96 2.09 -46.69	77.50 3.30 -32.97	115.42 3.81 -65.72	90.44 3.85 -41.83	82.07 3.65 -34.45	70.43 2.94 -30.32	63.76 2.67 -27.22	62.68 1.95 -36.37
GLENWOOD____5 23614	67.27 2.39 -34.20	54.32 2.51 -18.70	49.10 1.88 -22.13	49.35 1.21 -32.24	49.02 2.00 -21.03	48.44 2.35 -15.09	67.25 3.25 -22.89	71.98 3.54 -22.41	72.29 3.57 -23.52	69.82 3.22 -25.37	68.09 3.17 -23.81	67.18 2.90 -26.12	65.25 2.40 -31.74	65.00 2.17 -35.06	64.91 2.18 -34.81	68.08 2.06 -39.93	74.96 2.09 -46.69	77.50 3.30 -32.97	115.42 3.81 -65.72	90.44 3.85 -41.83	82.07 3.65 -34.45	70.43 2.94 -30.32	63.76 2.67 -27.22	62.68 1.95 -36.37
GLOBAL GREEN_PORT_GT1 23814	68.81 3.93 -34.20	55.98 4.17 -18.70	50.36 3.14 -22.13	50.18 2.04 -32.24	50.35 3.33 -21.03	49.90 3.81 -15.09	69.43 5.43 -22.89	74.65 6.21 -22.41	75.09 6.37 -23.52	72.33 5.73 -25.37	70.35 5.43 -23.81	69.36 5.08 -26.12	67.09 4.23 -31.74	66.53 3.69 -35.06	66.30 3.57 -34.81	69.54 3.52 -39.93	76.60 3.74 -46.69	80.02 5.82 -32.97	118.27 6.65 -65.72	93.17 6.58 -41.83	84.71 6.29 -34.45	72.62 5.13 -30.32	65.76 4.67 -27.22	64.09 3.36 -36.37
GLOBE____DSASP 323697	32.25 -1.35 -2.92	34.32 -0.89 -2.11	27.39 -0.75 -3.05	19.94 -0.37 -4.40	27.97 -0.93 -2.91	32.34 -1.15 -2.49	42.26 -1.69 -2.84	47.94 -1.75 -3.66	46.91 -1.94 -3.66	42.10 -1.90 -2.76	40.87 -2.43 -2.19	38.00 -2.14 -1.98	31.98 -1.59 -2.45	29.65 -1.14 -3.01	29.64 -1.26 -2.98	28.59 -0.96 -3.47	29.64 -1.31 -4.78	43.24 -1.77 -3.78	48.26 -2.16 -4.52	47.51 -2.06 -4.81	45.32 -1.28 -2.63	37.27 -2.27 -2.36	34.12 -1.96 -2.22	26.96 -0.73 -3.34
GOETHSLN____LBMP 323567	50.36 2.06 -17.63	47.96 2.15 -12.70	45.09 1.61 -18.40	43.43 1.02 -26.51	45.23 1.69 -17.55	48.09 2.08 -15.02	61.26 2.80 -17.35	74.66 3.13 -25.49	78.58 3.07 -30.31	74.48 2.76 -30.49	72.25 2.75 -28.39	71.34 2.52 -30.67	70.44 2.09 -37.24	70.41 1.86 -40.78	70.50 1.90 -40.68	70.02 1.77 -42.16	72.80 1.83 -44.80	78.51 2.84 -34.43	79.90 3.40 -30.61	79.68 3.40 -31.52	74.37 3.21 -27.20	66.16 2.60 -26.39	61.58 2.40 -25.31	50.29 1.73 -24.21
GOODYEAR_LAKE_HYD 323669	33.31 1.26 -1.38	35.45 1.36 -0.99	27.54 1.00 -1.44	18.65 0.67 -2.08	28.41 1.04 -1.37	33.45 1.27 -1.17	44.19 1.73 -1.36	49.86 2.07 -1.75	49.17 2.08 -1.90	44.53 1.86 -1.43	43.93 1.69 -1.14	40.75 1.56 -1.03	33.69 1.28 -1.29	30.44 1.08 -1.59	30.63 1.15 -1.57	29.01 1.10 -1.83	29.73 1.05 -2.51	44.95 1.73 -1.99	50.43 2.16 -2.38	49.48 2.19 -2.53	47.50 2.15 -1.39	39.98 1.56 -1.25	36.36 1.32 -1.17	27.03 0.98 -1.70
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.15 0.74 -5.74	38.13 0.89 -4.13	31.68 0.60 -5.99	24.97 0.43 -8.63	32.28 0.57 -5.72	36.60 0.71 -4.89	47.70 0.95 -5.65	54.61 1.29 -7.30	54.07 1.13 -7.74	48.11 1.03 -5.84	46.60 0.86 -4.62	43.13 0.80 -4.18	37.05 0.68 -5.25	34.90 0.67 -6.46	34.98 0.67 -6.39	34.20 0.68 -7.44	36.99 0.60 -10.22	50.36 1.03 -8.09	56.85 1.28 -9.67	56.35 1.30 -10.29	51.01 1.41 -5.64	42.95 0.70 -5.07	39.25 0.61 -4.77	31.91 0.61 -6.95
GOUDEY____7 23579	37.15 0.74 -5.74	38.16 0.93 -4.13	31.71 0.63 -5.99	24.98 0.44 -8.63	32.31 0.60 -5.72	36.63 0.74 -4.89	47.74 0.99 -5.65	54.66 1.34 -7.30	54.11 1.17 -7.74	48.15 1.07 -5.84	46.64 0.90 -4.62	43.17 0.84 -4.18	37.09 0.72 -5.25	34.93 0.69 -6.46	35.01 0.70 -6.39	34.23 0.70 -7.44	37.01 0.63 -10.22	50.40 1.07 -8.09	56.90 1.33 -9.67	56.39 1.34 -10.29	51.06 1.45 -5.64	42.99 0.74 -5.07	39.28 0.64 -4.77	31.91 0.61 -6.95
GOUDEY____8 23580	37.15 0.74 -5.74	38.13 0.89 -4.13	31.68 0.60 -5.99	24.97 0.43 -8.63	32.28 0.57 -5.72	36.60 0.71 -4.89	47.70 0.95 -5.65	54.61 1.29 -7.30	54.07 1.13 -7.74	48.11 1.03 -5.84	46.60 0.86 -4.62	43.13 0.80 -4.18	37.05 0.68 -5.25	34.90 0.67 -6.46	34.98 0.67 -6.39	34.20 0.68 -7.44	36.99 0.60 -10.22	50.36 1.03 -8.09	56.85 1.28 -9.67	56.35 1.30 -10.29	51.01 1.41 -5.64	42.95 0.70 -5.07	39.25 0.61 -4.77	31.91 0.61 -6.95



GOWANUS_GT1_1 24077	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT1_2 24078	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT1_3 24079	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT1_4 24080	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT1_5 24084	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT1_6 24111	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT1_7 24112	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT1_8 24113	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT2_1 24114	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT2_2 24115	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT2_3 24116	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT2_4 24117	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT2_5 24118	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT2_6 24119	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT2_7 24120	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74



GOWANUS_GT2_8 24121	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT3_1 24122	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT3_2 24123	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT3_3 24124	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT3_4 24125	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT3_5 24126	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT3_6 24127	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT3_7 24128	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT3_8 24129	50.77	48.40	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.46	2.58	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.63	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT4_1 24130	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT4_2 24131	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT4_3 24132	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT4_4 24133	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT4_5 24134	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74
GOWANUS_GT4_6 24135	50.71	48.36	45.40	43.63	45.55	48.44	61.64	74.84	78.87	75.26	73.14	73.14	73.26	73.29	73.38	72.90	73.18	79.00	80.15	80.18	74.76	66.53	62.25	50.87
	2.39	2.55	1.91	1.21	2.00	2.42	3.17	3.27	3.26	2.93	2.96	2.71	2.21	2.00	2.04	1.90	1.99	3.18	3.63	3.89	3.43	2.79	2.47	1.78
	-17.64	-12.71	-18.41	-26.52	-17.56	-15.02	-17.36	-25.54	-30.42	-31.10	-29.07	-32.28	-39.93	-43.52	-43.43	-44.91	-45.02	-34.59	-30.63	-31.53	-27.36	-26.57	-25.92	-24.74



GOWANUS_GT4_7 24136	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
GOWANUS_GT4_8 24137	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
GREENIDGE___3 23582	34.99 0.89 -3.42	36.69 1.13 -2.47	29.39 0.73 -3.57	21.60 0.54 -5.15	30.08 0.67 -3.41	34.84 0.93 -2.92	45.75 1.28 -3.37	52.27 1.89 -4.35	51.42 1.85 -4.38	46.19 1.65 -3.30	45.04 1.32 -2.62	41.70 1.18 -2.36	35.05 0.97 -2.97	32.42 1.00 -3.65	32.57 1.03 -3.61	31.31 1.02 -4.21	32.86 0.92 -5.78	47.46 1.65 -4.58	53.48 2.11 -5.47	52.54 1.97 -5.82	49.31 2.15 -3.19	41.08 1.04 -2.87	37.41 0.85 -2.70	29.41 0.88 -4.18
GREENIDGE___4 23583	34.99 0.89 -3.42	36.69 1.13 -2.47	29.39 0.73 -3.57	21.60 0.54 -5.15	30.08 0.67 -3.41	34.84 0.93 -2.92	45.75 1.28 -3.37	52.27 1.89 -4.35	51.42 1.85 -4.38	46.19 1.65 -3.30	45.04 1.32 -2.62	41.70 1.18 -2.36	35.05 0.97 -2.97	32.42 1.00 -3.65	32.57 1.03 -3.61	31.31 1.02 -4.21	32.86 0.92 -5.78	47.46 1.65 -4.58	53.48 2.11 -5.47	52.54 1.97 -5.82	49.31 2.15 -3.19	41.08 1.04 -2.87	37.41 0.85 -2.70	29.41 0.88 -4.18
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
GROVEVILLE___HYD 323602	50.23 1.90 -17.65	47.80 1.99 -12.71	45.05 1.53 -18.43	43.44 0.97 -26.56	45.16 1.59 -17.59	47.92 1.89 -15.03	60.99 2.51 -17.37	71.28 2.81 -22.44	71.65 2.89 -23.57	61.53 2.52 -17.78	57.61 2.42 -14.08	53.08 2.21 -12.71	48.84 1.74 -15.98	48.99 1.55 -19.66	48.99 1.62 -19.45	50.24 1.51 -22.64	58.93 1.65 -31.11	68.51 2.64 -24.63	78.41 3.08 -29.44	79.25 3.18 -31.31	63.99 2.86 -17.17	54.88 2.27 -15.44	50.46 2.07 -14.53	47.07 1.51 -21.20
HAMPSHIRE___PAPER_HYD 323593	31.11 -0.15 -0.59	33.26 -0.27 -0.42	25.60 -0.10 -0.61	16.69 -0.09 -0.88	26.52 -0.05 -0.58	31.41 -0.09 -0.50	41.56 -0.12 -0.58	46.55 -0.23 -0.75	45.51 -0.41 -0.72	41.49 -0.29 -0.54	41.13 -0.41 -0.43	38.16 -0.38 -0.39	31.30 -0.31 -0.49	27.90 -0.47 -0.60	27.98 -0.53 -0.60	26.00 -0.78 -0.69	26.44 -0.68 -0.95	40.96 -1.03 -0.75	45.83 -0.97 -0.90	44.69 -1.03 -0.96	43.26 -1.23 -0.53	37.20 -0.44 -0.47	34.04 -0.27 -0.45	24.77 -0.29 -0.71
HARDSCRABBLE_WT_PWR 323673	30.80 0.12 0.00	33.27 0.17 0.00	25.22 0.13 0.00	16.02 0.11 0.00	26.20 0.21 0.00	31.37 0.37 0.00	41.44 0.33 0.00	46.45 0.41 0.00	45.64 0.45 0.00	41.69 0.45 0.00	41.52 0.41 0.00	38.54 0.38 0.00	31.37 0.25 0.00	27.97 0.20 0.00	28.09 0.17 0.00	26.27 0.18 0.00	26.33 0.16 0.00	41.48 0.25 0.00	46.26 0.37 0.00	45.12 0.36 0.00	44.36 0.39 0.00	37.47 0.30 0.00	34.10 0.24 0.00	24.55 0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.87 1.69 -16.51	46.78 1.79 -11.89	43.69 1.35 -17.25	41.62 0.86 -24.85	43.88 1.43 -16.46	46.80 1.73 -14.07	59.63 2.26 -16.26	69.56 2.53 -21.00	69.82 2.57 -22.05	60.06 2.18 -16.64	56.42 2.14 -13.17	52.00 1.94 -11.89	47.66 1.59 -14.96	47.59 1.42 -18.40	47.57 1.45 -18.20	48.66 1.38 -21.19	56.74 1.46 -29.11	66.60 2.31 -23.05	76.20 2.75 -27.55	76.93 2.87 -29.30	62.63 2.59 -16.07	53.70 2.08 -14.45	49.36 1.90 -13.60	45.59 1.39 -19.84
HARZA MOOSE___RIVER 24016	31.99 0.52 -0.79	34.20 0.53 -0.57	26.31 0.40 -0.82	17.39 0.30 -1.19	27.25 0.47 -0.79	32.32 0.65 -0.67	42.63 0.74 -0.78	47.91 0.87 -1.00	46.66 0.45 -1.01	42.49 0.50 -0.76	42.00 0.29 -0.60	38.97 0.27 -0.55	32.03 0.22 -0.69	28.62 0.00 -0.84	28.78 0.03 -0.84	26.95 -0.10 -0.97	27.45 -0.05 -1.34	42.25 -0.04 -1.06	47.48 0.32 -1.26	46.38 0.27 -1.34	44.84 0.13 -0.74	38.10 0.26 -0.66	34.69 0.20 -0.62	25.43 0.10 -0.98
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.22 3.04 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74
HEMPSTEAD___ 23647	67.33 2.46 -34.20	54.39 2.58 -18.70	49.18 1.96 -22.13	49.40 1.26 -32.24	49.07 2.05 -21.03	48.51 2.42 -15.09	67.33 3.33 -22.89	72.07 3.64 -22.41	72.42 3.71 -23.52	69.90 3.30 -25.37	68.13 3.21 -23.81	67.22 2.94 -26.12	65.29 2.43 -31.74	65.03 2.19 -35.06	64.93 2.21 -34.81	68.11 2.09 -39.93	74.98 2.12 -46.69	77.50 3.30 -32.97	115.42 3.81 -65.72	90.44 3.85 -41.83	82.02 3.61 -34.45	70.43 2.94 -30.32	63.86 2.78 -27.22	62.72 2.00 -36.37
HICKLING___1 23621	36.44 1.14 -4.63	37.86 1.42 -3.34	30.88 0.95 -4.84	23.54 0.67 -6.97	31.49 0.88 -4.62	35.97 1.02 -3.95	47.15 1.48 -4.56	54.00 2.07 -5.89	53.44 2.39 -5.85	47.88 2.23 -4.42	46.46 1.85 -3.50	42.95 1.64 -3.16	36.46 1.37 -3.97	34.04 1.39 -4.88	34.14 1.40 -4.83	33.09 1.38 -5.62	35.17 1.28 -7.72	49.58 2.23 -6.12	55.96 2.75 -7.31	55.18 2.64 -7.77	51.09 2.86 -4.26	42.53 1.52 -3.83	38.76 1.29 -3.61	30.85 1.29 -5.20
HICKLING___2 23622	36.44 1.14 -4.63	37.86 1.42 -3.34	30.88 0.95 -4.84	23.54 0.67 -6.97	31.49 0.88 -4.62	35.97 1.02 -3.95	47.15 1.48 -4.56	54.00 2.07 -5.89	53.44 2.39 -5.85	47.88 2.23 -4.42	46.46 1.85 -3.50	42.95 1.64 -3.16	36.46 1.37 -3.97	34.04 1.39 -4.88	34.14 1.40 -4.83	33.09 1.38 -5.62	35.17 1.28 -7.72	49.58 2.23 -6.12	55.96 2.75 -7.31	55.18 2.64 -7.77	51.09 2.86 -4.26	42.53 1.52 -3.83	38.76 1.29 -3.61	30.85 1.29 -5.20
HIGH FALLS___HY 23754	50.32 2.12 -17.53	47.92 2.18 -12.63	45.11 1.71 -18.31	43.37 1.08 -26.39	45.26 1.79 -17.47	48.17 2.23 -14.93	61.17 2.80 -17.26	71.46 3.13 -22.30	71.81 3.21 -23.41	61.58 2.68 -17.67	57.64 2.55 -13.98	53.11 2.33 -12.63	48.80 1.80 -15.88	48.91 1.61 -19.53	48.94 1.70 -19.32	50.19 1.62 -22.49	58.90 1.83 -30.90	68.63 2.93 -24.47	78.63 3.49 -29.24	79.49 3.62 -31.10	64.19 3.17 -17.06	55.00 2.49 -15.33	50.64 2.33 -14.44	47.12 1.70 -21.06



HILLBURN___GT 23639	49.11 1.69 -16.75	46.96 1.79 -12.07	43.94 1.35 -17.50	41.98 0.86 -25.21	44.09 1.40 -16.69	47.07 1.80 -14.27	59.90 2.30 -16.49	69.87 2.53 -21.31	70.09 2.53 -22.37	60.30 2.18 -16.88	56.65 2.18 -13.36	52.20 1.98 -12.07	47.94 1.65 -15.17	47.91 1.47 -18.67	47.89 1.51 -18.46	49.01 1.43 -21.49	57.16 1.46 -29.53	66.89 2.27 -23.39	76.60 2.75 -27.95	77.35 2.87 -29.72	62.90 2.64 -16.30	53.95 2.12 -14.65	49.59 1.93 -13.80	45.87 1.39 -20.13
HISHELDN_WT_PWR 323625	34.36 0.34 -3.34	36.24 0.73 -2.41	29.06 0.48 -3.49	21.33 0.40 -5.03	29.61 0.29 -3.33	34.19 0.34 -2.85	44.77 0.37 -3.29	51.15 0.87 -4.25	50.08 0.72 -4.17	44.96 0.58 -3.15	43.64 0.04 -2.49	40.40 0.00 -2.25	34.04 0.09 -2.83	31.58 0.33 -3.48	31.58 0.22 -3.44	30.45 0.37 -4.00	31.83 0.16 -5.50	46.21 0.62 -4.36	51.79 0.69 -5.20	50.97 0.67 -5.54	48.23 1.23 -3.04	39.79 -0.11 -2.73	36.30 -0.13 -2.57	28.64 0.54 -3.75
HOLTSVILLE_IC_1 23690	67.73 2.85 -34.20	54.82 3.01 -18.70	49.53 2.31 -22.13	49.64 1.49 -32.24	49.49 2.47 -21.03	48.94 2.85 -15.09	67.99 3.99 -22.89	72.86 4.42 -22.41	73.15 4.43 -23.52	70.60 4.00 -25.37	68.58 3.66 -23.81	67.72 3.44 -26.12	65.72 2.86 -31.74	65.34 2.50 -35.06	65.24 2.51 -34.81	68.39 2.37 -39.93	75.35 2.49 -46.69	78.00 3.79 -32.97	115.98 4.36 -65.72	90.98 4.39 -41.83	82.64 4.22 -34.45	70.95 3.46 -30.32	64.41 3.32 -27.22	63.21 2.49 -36.37
HOLTSVILLE_IC_10 23699	67.95 3.07 -34.20	55.05 3.25 -18.70	49.68 2.46 -22.13	49.75 1.61 -32.24	49.67 2.65 -21.03	49.10 3.01 -15.09	68.28 4.28 -22.89	73.18 4.74 -22.41	73.51 4.79 -23.52	70.89 4.29 -25.37	68.91 3.99 -23.81	68.02 3.74 -26.12	65.94 3.08 -31.74	65.53 2.69 -35.06	65.44 2.71 -34.81	68.60 2.58 -39.93	75.56 2.70 -46.69	78.37 4.16 -32.97	116.39 4.77 -65.72	91.38 4.79 -41.83	82.99 4.57 -34.45	71.24 3.75 -30.32	64.68 3.59 -27.22	63.38 2.66 -36.37
HOLTSVILLE_IC_2 23691	67.73 2.85 -34.20	54.82 3.01 -18.70	49.53 2.31 -22.13	49.64 1.49 -32.24	49.49 2.47 -21.03	48.94 2.85 -15.09	67.99 3.99 -22.89	72.86 4.42 -22.41	73.15 4.43 -23.52	70.60 4.00 -25.37	68.58 3.66 -23.81	67.72 3.44 -26.12	65.72 2.86 -31.74	65.34 2.50 -35.06	65.24 2.51 -34.81	68.39 2.37 -39.93	75.35 2.49 -46.69	78.00 3.79 -32.97	115.98 4.36 -65.72	90.98 4.39 -41.83	82.64 4.22 -34.45	70.95 3.46 -30.32	64.41 3.32 -27.22	63.21 2.49 -36.37
HOLTSVILLE_IC_3 23692	67.73 2.85 -34.20	54.82 3.01 -18.70	49.53 2.31 -22.13	49.64 1.49 -32.24	49.49 2.47 -21.03	48.94 2.85 -15.09	67.99 3.99 -22.89	72.86 4.42 -22.41	73.15 4.43 -23.52	70.60 4.00 -25.37	68.58 3.66 -23.81	67.72 3.44 -26.12	65.72 2.86 -31.74	65.34 2.50 -35.06	65.24 2.51 -34.81	68.39 2.37 -39.93	75.35 2.49 -46.69	78.00 3.79 -32.97	115.98 4.36 -65.72	90.98 4.39 -41.83	82.64 4.22 -34.45	70.95 3.46 -30.32	64.41 3.32 -27.22	63.21 2.49 -36.37
HOLTSVILLE_IC_4 23693	67.73 2.85 -34.20	54.82 3.01 -18.70	49.53 2.31 -22.13	49.64 1.49 -32.24	49.49 2.47 -21.03	48.94 2.85 -15.09	67.99 3.99 -22.89	72.86 4.42 -22.41	73.15 4.43 -23.52	70.60 4.00 -25.37	68.58 3.66 -23.81	67.72 3.44 -26.12	65.72 2.86 -31.74	65.34 2.50 -35.06	65.24 2.51 -34.81	68.39 2.37 -39.93	75.35 2.49 -46.69	78.00 3.79 -32.97	115.98 4.36 -65.72	90.98 4.39 -41.83	82.64 4.22 -34.45	70.95 3.46 -30.32	64.41 3.32 -27.22	63.21 2.49 -36.37
HOLTSVILLE_IC_5 23694	67.73 2.85 -34.20	54.82 3.01 -18.70	49.53 2.31 -22.13	49.64 1.49 -32.24	49.49 2.47 -21.03	48.94 2.85 -15.09	67.99 3.99 -22.89	72.86 4.42 -22.41	73.15 4.43 -23.52	70.60 4.00 -25.37	68.58 3.66 -23.81	67.72 3.44 -26.12	65.72 2.86 -31.74	65.34 2.50 -35.06	65.24 2.51 -34.81	68.39 2.37 -39.93	75.35 2.49 -46.69	78.00 3.79 -32.97	115.98 4.36 -65.72	90.98 4.39 -41.83	82.64 4.22 -34.45	70.95 3.46 -30.32	64.41 3.32 -27.22	63.21 2.49 -36.37
HOLTSVILLE_IC_6 23695	67.95 3.07 -34.20	55.05 3.25 -18.70	49.68 2.46 -22.13	49.75 1.61 -32.24	49.67 2.65 -21.03	49.10 3.01 -15.09	68.28 4.28 -22.89	73.18 4.74 -22.41	73.51 4.79 -23.52	70.89 4.29 -25.37	68.91 3.99 -23.81	68.02 3.74 -26.12	65.94 3.08 -31.74	65.53 2.69 -35.06	65.44 2.71 -34.81	68.60 2.58 -39.93	75.56 2.70 -46.69	78.37 4.16 -32.97	116.39 4.77 -65.72	91.38 4.79 -41.83	82.99 4.57 -34.45	71.24 3.75 -30.32	64.68 3.59 -27.22	63.38 2.66 -36.37
HOLTSVILLE_IC_7 23696	67.95 3.07 -34.20	55.05 3.25 -18.70	49.68 2.46 -22.13	49.75 1.61 -32.24	49.67 2.65 -21.03	49.10 3.01 -15.09	68.28 4.28 -22.89	73.18 4.74 -22.41	73.51 4.79 -23.52	70.89 4.29 -25.37	68.91 3.99 -23.81	68.02 3.74 -26.12	65.94 3.08 -31.74	65.53 2.69 -35.06	65.44 2.71 -34.81	68.60 2.58 -39.93	75.56 2.70 -46.69	78.37 4.16 -32.97	116.39 4.77 -65.72	91.38 4.79 -41.83	82.99 4.57 -34.45	71.24 3.75 -30.32	64.68 3.59 -27.22	63.38 2.66 -36.37
HOLTSVILLE_IC_8 23697	67.95 3.07 -34.20	55.05 3.25 -18.70	49.68 2.46 -22.13	49.75 1.61 -32.24	49.67 2.65 -21.03	49.10 3.01 -15.09	68.28 4.28 -22.89	73.18 4.74 -22.41	73.51 4.79 -23.52	70.89 4.29 -25.37	68.91 3.99 -23.81	68.02 3.74 -26.12	65.94 3.08 -31.74	65.53 2.69 -35.06	65.44 2.71 -34.81	68.60 2.58 -39.93	75.56 2.70 -46.69	78.37 4.16 -32.97	116.39 4.77 -65.72	91.38 4.79 -41.83	82.99 4.57 -34.45	71.24 3.75 -30.32	64.68 3.59 -27.22	63.38 2.66 -36.37
HOLTSVILLE_IC_9 23698	67.95 3.07 -34.20	55.05 3.25 -18.70	49.68 2.46 -22.13	49.75 1.61 -32.24	49.67 2.65 -21.03	49.10 3.01 -15.09	68.28 4.28 -22.89	73.18 4.74 -22.41	73.51 4.79 -23.52	70.89 4.29 -25.37	68.91 3.99 -23.81	68.02 3.74 -26.12	65.94 3.08 -31.74	65.53 2.69 -35.06	65.44 2.71 -34.81	68.60 2.58 -39.93	75.56 2.70 -46.69	78.37 4.16 -32.97	116.39 4.77 -65.72	91.38 4.79 -41.83	82.99 4.57 -34.45	71.24 3.75 -30.32	64.68 3.59 -27.22	63.38 2.66 -36.37
HOWARD_WT_PWR 323690	35.81 1.26 -3.87	37.52 1.62 -2.79	30.19 1.05 -4.05	22.51 0.78 -5.83	30.79 0.93 -3.86	35.51 1.21 -3.30	46.52 1.60 -3.81	53.35 2.39 -4.93	52.47 2.39 -4.89	47.11 2.18 -3.69	45.71 1.69 -2.92	42.20 1.41 -2.64	35.55 1.12 -3.31	33.04 1.19 -4.08	33.15 1.20 -4.03	31.98 1.20 -4.69	33.72 1.10 -6.45	48.48 2.14 -5.11	54.66 2.66 -6.10	53.85 2.60 -6.49	50.47 2.95 -3.56	41.75 1.38 -3.20	37.99 1.12 -3.01	29.94 1.22 -4.37
HQ_GEN_CEDARS 23644	29.88 -0.80 0.00	32.11 -0.99 0.00	24.51 -0.58 0.00	15.43 -0.48 0.00	25.42 -0.57 0.00	30.23 -0.77 0.00	40.08 -1.03 0.00	44.56 -1.47 0.00	43.70 -1.49 0.00	40.00 -1.24 0.00	39.96 -1.15 0.00	37.05 -1.11 0.00	30.22 -0.90 0.00	26.86 -0.92 0.00	26.97 -0.95 0.00	25.04 -1.04 0.00	25.25 -0.92 0.00	39.79 -1.44 0.00	44.11 -1.79 0.00	42.88 -1.88 0.00	41.90 -2.07 0.00	36.13 -1.04 0.00	33.05 -0.81 0.00	23.67 -0.68 0.00
HQ_GEN_CEDARS_PROXY 323590	29.88 -0.80 0.00	32.11 -0.99 0.00	24.51 -0.58 0.00	15.43 -0.48 0.00	25.42 -0.57 0.00	30.23 -0.77 0.00	40.08 -1.03 0.00	44.56 -1.47 0.00	43.70 -1.49 0.00	40.00 -1.24 0.00	39.96 -1.15 0.00	37.05 -1.11 0.00	30.22 -0.90 0.00	26.86 -0.92 0.00	26.97 -0.95 0.00	25.04 -1.04 0.00	25.25 -0.92 0.00	39.79 -1.44 0.00	44.11 -1.79 0.00	42.88 -1.88 0.00	41.90 -2.07 0.00	36.13 -1.04 0.00	33.05 -0.81 0.00	23.67 -0.68 0.00



HQ_GEN_IMPORT 323601	30.15 -0.52 0.00	32.47 -0.63 0.00	24.66 -0.43 0.00	15.59 -0.32 0.00	25.57 -0.42 0.00	30.47 -0.53 0.00	40.41 -0.70 0.00	45.16 -0.88 0.00	44.29 -0.90 0.00	40.41 -0.82 0.00	40.41 -0.70 0.00	37.47 -0.69 0.00	30.56 -0.56 0.00	27.24 -0.53 0.00	27.39 -0.53 0.00	25.54 -0.55 0.00	25.67 -0.50 0.00	40.41 -0.82 0.00	44.89 -1.01 0.00	43.73 -1.03 0.00	42.91 -1.06 0.00	36.58 -0.60 0.00	33.36 -0.51 0.00	23.92 -0.44 0.00
HQ_GEN_WHEEL 23651	30.15 -0.52 0.00	32.47 -0.63 0.00	24.66 -0.43 0.00	15.59 -0.32 0.00	25.57 -0.42 0.00	30.47 -0.53 0.00	40.41 -0.70 0.00	45.16 -0.88 0.00	44.29 -0.90 0.00	40.41 -0.82 0.00	40.41 -0.70 0.00	37.47 -0.69 0.00	30.56 -0.56 0.00	27.24 -0.53 0.00	27.39 -0.53 0.00	25.54 -0.55 0.00	25.67 -0.50 0.00	40.41 -0.82 0.00	44.89 -1.01 0.00	43.73 -1.03 0.00	42.91 -1.06 0.00	36.58 -0.60 0.00	33.36 -0.51 0.00	23.92 -0.44 0.00
HUDSON_AVE_GT_3 23810	50.48 2.18 -17.63	48.12 2.32 -12.70	45.19 1.71 -18.40	43.51 1.10 -26.51	45.36 1.82 -17.55	48.22 2.20 -15.02	61.38 2.92 -17.35	74.79 3.27 -25.49	78.76 3.26 -30.31	74.65 2.93 -30.49	70.82 2.92 -26.79	70.36 2.67 -29.54	69.52 2.18 -36.22	69.48 1.97 -39.73	69.53 1.98 -39.62	69.21 1.88 -41.25	72.41 1.91 -44.34	78.67 3.01 -34.43	80.04 3.53 -30.61	79.79 3.54 -31.49	74.50 3.34 -27.20	66.08 2.71 -26.20	61.69 2.51 -25.31	50.36 1.80 -24.21
HUDSON_AVE_GT_4 23540	50.48 2.18 -17.63	48.12 2.32 -12.70	45.19 1.71 -18.40	43.51 1.10 -26.51	45.36 1.82 -17.55	48.22 2.20 -15.02	61.38 2.92 -17.35	74.79 3.27 -25.49	78.76 3.26 -30.31	74.65 2.93 -30.49	70.82 2.92 -26.79	70.36 2.67 -29.54	69.52 2.18 -36.22	69.48 1.97 -39.73	69.53 1.98 -39.62	69.21 1.88 -41.25	72.41 1.91 -44.34	78.67 3.01 -34.43	80.04 3.53 -30.61	79.79 3.54 -31.49	74.50 3.34 -27.20	66.08 2.71 -26.20	61.69 2.51 -25.31	50.36 1.80 -24.21
HUDSON_AVE_GT_5 23657	50.48 2.18 -17.63	48.12 2.32 -12.70	45.19 1.71 -18.40	43.51 1.10 -26.51	45.36 1.82 -17.55	48.22 2.20 -15.02	61.38 2.92 -17.35	74.79 3.27 -25.49	78.76 3.26 -30.31	74.65 2.93 -30.49	70.82 2.92 -26.79	70.36 2.67 -29.54	69.52 2.18 -36.22	69.48 1.97 -39.73	69.53 1.98 -39.62	69.21 1.88 -41.25	72.41 1.91 -44.34	78.67 3.01 -34.43	80.04 3.53 -30.61	79.79 3.54 -31.49	74.50 3.34 -27.20	66.08 2.71 -26.20	61.69 2.51 -25.31	50.36 1.80 -24.21
HUDSON_AVE_10 24168	50.39 2.09 -17.63	47.99 2.18 -12.70	45.14 1.66 -18.40	43.46 1.05 -26.51	45.28 1.74 -17.55	48.12 2.11 -15.02	61.26 2.80 -17.35	74.61 3.08 -25.49	78.58 3.07 -30.31	74.48 2.76 -30.49	58.98 2.71 -15.16	61.98 2.48 -21.35	61.99 2.02 -28.84	61.74 1.83 -32.13	61.71 1.84 -31.95	62.40 1.75 -34.57	68.93 1.78 -40.99	78.47 2.81 -34.43	79.81 3.31 -30.61	79.33 3.31 -31.26	74.28 3.12 -27.20	64.51 2.53 -24.80	61.55 2.37 -25.31	50.29 1.73 -24.21
HUNTER_MOUNT___DRP 323613	53.20 1.32 -21.20	49.77 1.39 -15.28	48.29 1.05 -22.15	48.49 0.67 -31.92	48.24 1.12 -21.13	50.18 1.11 -18.06	63.75 1.77 -20.88	74.98 1.98 -26.97	75.88 2.39 -28.30	64.53 1.94 -21.35	59.74 1.73 -16.90	54.98 1.56 -15.26	51.43 1.12 -19.19	52.38 1.00 -23.61	52.31 1.03 -23.35	54.29 1.02 -27.19	64.62 1.10 -37.35	72.83 2.02 -29.58	83.45 2.20 -35.35	84.55 2.19 -37.59	66.69 2.11 -20.62	57.27 1.56 -18.53	52.60 1.29 -17.45	50.69 0.88 -25.46
HUNTINGTON_RES_REC 323705	67.58 2.70 -34.20	54.66 2.85 -18.70	49.38 2.16 -22.13	49.54 1.40 -32.24	49.33 2.31 -21.03	48.72 2.63 -15.09	67.70 3.70 -22.89	72.40 3.96 -22.41	72.74 4.02 -23.52	70.19 3.59 -25.37	68.29 3.37 -23.81	67.41 3.13 -26.12	65.44 2.58 -31.74	65.17 2.33 -35.06	65.08 2.35 -34.81	68.21 2.19 -39.93	75.16 2.30 -46.69	77.75 3.55 -32.97	115.75 4.13 -65.72	90.71 4.12 -41.83	82.33 3.91 -34.45	70.65 3.16 -30.32	64.17 3.08 -27.22	62.99 2.27 -36.37
HUNTLEY___63 23557	33.59 -0.06 -2.98	35.65 0.40 -2.14	28.42 0.23 -3.11	20.64 0.25 -4.48	29.01 0.05 -2.97	33.60 0.06 -2.53	43.90 -0.12 -2.92	50.03 0.23 -3.77	48.91 -0.05 -3.76	43.92 -0.16 -2.85	42.71 -0.66 -2.26	39.65 -0.53 -2.03	33.32 -0.34 -2.54	30.90 0.00 -3.13	30.87 -0.14 -3.09	29.71 0.03 -3.60	30.83 -0.29 -4.95	45.03 -0.12 -3.92	50.26 -0.32 -4.68	49.48 -0.27 -4.98	47.18 0.48 -2.73	38.81 -0.82 -2.45	35.43 -0.75 -2.31	27.94 0.19 -3.39
HUNTLEY___64 23558	33.59 -0.06 -2.98	35.65 0.40 -2.14	28.42 0.23 -3.11	20.64 0.25 -4.48	29.01 0.05 -2.97	33.60 0.06 -2.53	43.90 -0.12 -2.92	50.03 0.23 -3.77	48.91 -0.05 -3.76	43.92 -0.16 -2.85	42.71 -0.66 -2.26	39.65 -0.53 -2.03	33.32 -0.34 -2.54	30.90 0.00 -3.13	30.87 -0.14 -3.09	29.71 0.03 -3.60	30.83 -0.29 -4.95	45.03 -0.12 -3.92	50.26 -0.32 -4.68	49.48 -0.27 -4.98	47.18 0.48 -2.73	38.81 -0.82 -2.45	35.43 -0.75 -2.31	27.94 0.19 -3.39
HUNTLEY___65 23559	33.59 -0.06 -2.98	35.65 0.40 -2.14	28.42 0.23 -3.11	20.64 0.25 -4.48	29.01 0.05 -2.97	33.60 0.06 -2.53	43.90 -0.12 -2.92	50.03 0.23 -3.77	48.91 -0.05 -3.76	43.92 -0.16 -2.85	42.71 -0.66 -2.26	39.65 -0.53 -2.03	33.32 -0.34 -2.54	30.90 0.00 -3.13	30.87 -0.14 -3.09	29.71 0.03 -3.60	30.83 -0.29 -4.95	45.03 -0.12 -3.92	50.26 -0.32 -4.68	49.48 -0.27 -4.98	47.18 0.48 -2.73	38.81 -0.82 -2.45	35.43 -0.75 -2.31	27.94 0.19 -3.39
HUNTLEY___66 23560	33.59 -0.06 -2.98	35.65 0.40 -2.14	28.42 0.23 -3.11	20.64 0.25 -4.48	29.01 0.05 -2.97	33.60 0.06 -2.53	43.90 -0.12 -2.92	50.03 0.23 -3.77	48.91 -0.05 -3.76	43.92 -0.16 -2.85	42.71 -0.66 -2.26	39.65 -0.53 -2.03	33.32 -0.34 -2.54	30.90 0.00 -3.13	30.87 -0.14 -3.09	29.71 0.03 -3.60	30.83 -0.29 -4.95	45.03 -0.12 -3.92	50.26 -0.32 -4.68	49.48 -0.27 -4.98	47.18 0.48 -2.73	38.81 -0.82 -2.45	35.43 -0.75 -2.31	27.94 0.19 -3.39
HUNTLEY___67 23561	33.69 0.00 -3.01	35.74 0.46 -2.17	28.51 0.28 -3.15	20.73 0.29 -4.53	29.10 0.10 -3.00	33.69 0.12 -2.57	44.12 0.04 -2.97	50.23 0.37 -3.83	49.10 0.09 -3.82	44.07 -0.04 -2.88	42.85 -0.54 -2.28	39.80 -0.42 -2.06	33.49 -0.22 -2.59	31.01 0.06 -3.18	31.01 -0.06 -3.15	29.86 0.10 -3.67	31.03 -0.18 -5.04	45.27 0.04 -3.99	50.57 -0.09 -4.77	49.79 -0.04 -5.07	47.36 0.62 -2.78	39.01 -0.67 -2.50	35.64 -0.58 -2.35	28.06 0.27 -3.43
HUNTLEY___68 23562	33.69 0.00 -3.01	35.74 0.46 -2.17	28.51 0.28 -3.15	20.73 0.29 -4.53	29.10 0.10 -3.00	33.69 0.12 -2.57	44.12 0.04 -2.97	50.23 0.37 -3.83	49.10 0.09 -3.82	44.07 -0.04 -2.88	42.85 -0.54 -2.28	39.80 -0.42 -2.06	33.49 -0.22 -2.59	31.01 0.06 -3.18	31.01 -0.06 -3.15	29.86 0.10 -3.67	31.03 -0.18 -5.04	45.27 0.04 -3.99	50.57 -0.09 -4.77	49.79 -0.04 -5.07	47.36 0.62 -2.78	39.01 -0.67 -2.50	35.64 -0.58 -2.35	28.06 0.27 -3.43
HYLAND___LFGE 323620	36.09 2.21 -3.21	38.06 2.65 -2.31	30.27 1.83 -3.35	22.00 1.27 -4.82	30.93 1.74 -3.19	35.68 1.95 -2.73	47.26 3.00 -3.16	54.02 3.91 -4.08	52.95 3.75 -4.01	47.39 3.13 -3.02	46.01 2.51 -2.39	42.57 2.25 -2.16	35.49 1.65 -2.72	32.81 1.69 -3.34	32.96 1.73 -3.31	31.76 1.83 -3.85	33.16 1.70 -5.29	48.60 3.18 -4.19	54.85 3.95 -5.01	54.03 3.94 -5.32	51.20 4.31 -2.92	42.36 2.56 -2.63	38.47 2.13 -2.47	29.93 1.95 -3.62



INDECK___CORINTH 23802	55.42 1.29 -23.46	51.36 1.36 -16.90	50.52 0.93 -24.51	51.82 0.60 -35.31	50.30 0.93 -23.38	52.16 1.18 -19.98	66.06 1.85 -23.10	78.26 2.39 -29.84	79.39 2.85 -31.35	67.41 2.52 -23.66	61.93 2.10 -18.73	56.89 1.83 -16.91	53.69 1.31 -21.26	55.09 1.17 -26.15	54.99 1.20 -25.87	57.27 1.07 -30.12	68.57 1.02 -41.38	75.90 1.90 -32.77	87.26 2.20 -39.16	88.64 2.24 -41.64	69.31 2.50 -22.84	59.64 1.93 -20.53	54.65 1.46 -19.33	53.49 0.93 -28.21
INDECK___ILION 23567	30.86 0.19 0.00	33.30 0.20 0.00	25.24 0.15 0.00	16.02 0.11 0.00	26.17 0.18 0.00	31.28 0.28 0.00	41.40 0.29 0.00	46.40 0.37 0.00	45.55 0.36 0.00	41.56 0.33 0.00	41.40 0.29 0.00	38.42 0.27 0.00	31.34 0.22 0.00	27.94 0.17 0.00	28.09 0.17 0.00	26.24 0.16 0.00	26.33 0.16 0.00	41.48 0.25 0.00	46.26 0.37 0.00	45.12 0.36 0.00	44.32 0.35 0.00	37.44 0.26 0.00	34.07 0.20 0.00	24.53 0.17 0.00
INDECK___OLEAN 23982	34.42 0.24 -3.50	36.19 0.56 -2.52	29.07 0.33 -3.66	21.47 0.30 -5.27	29.64 0.16 -3.49	34.23 0.25 -2.98	44.96 0.41 -3.44	51.63 1.15 -4.45	50.17 0.54 -4.44	45.16 0.58 -3.35	43.88 0.12 -2.65	40.59 0.04 -2.39	34.28 0.16 -3.01	31.86 0.39 -3.70	31.80 0.22 -3.66	30.61 0.26 -4.26	32.05 0.03 -5.85	46.32 0.45 -4.64	51.94 0.51 -5.54	51.28 0.63 -5.89	48.25 1.05 -3.23	39.74 -0.34 -2.90	36.19 -0.40 -2.73	28.64 0.29 -3.99
INDECK___OSWEGO 23783	32.17 -0.06 -1.55	34.19 -0.03 -1.12	26.64 -0.08 -1.62	18.24 0.00 -2.34	27.46 -0.08 -1.55	32.23 -0.09 -1.32	42.56 -0.08 -1.53	48.05 0.05 -1.98	47.27 0.00 -2.08	42.76 -0.04 -1.57	42.27 -0.08 -1.24	39.20 -0.08 -1.12	32.44 -0.09 -1.41	29.45 -0.06 -1.73	29.61 -0.03 -1.71	28.08 0.00 -2.00	28.86 -0.05 -2.74	43.32 -0.08 -2.17	48.49 0.00 -2.59	47.52 0.00 -2.76	45.57 0.09 -1.51	38.35 -0.18 -1.36	34.94 -0.20 -1.28	26.13 -0.07 -1.85
INDECK___YERKES 23781	33.62 -0.03 -2.98	35.68 0.43 -2.14	28.45 0.25 -3.11	20.65 0.27 -4.48	29.03 0.08 -2.97	33.63 0.09 -2.53	43.94 -0.08 -2.92	50.08 0.28 -3.77	48.95 0.00 -3.76	43.96 -0.12 -2.85	42.75 -0.62 -2.26	39.69 -0.50 -2.03	33.35 -0.31 -2.54	30.93 0.03 -3.13	30.90 -0.11 -3.09	29.74 0.05 -3.60	30.86 -0.26 -4.95	45.07 -0.08 -3.92	50.31 -0.27 -4.68	49.48 -0.27 -4.98	47.18 0.48 -2.73	38.84 -0.78 -2.45	35.46 -0.71 -2.31	27.97 0.22 -3.39
INDIAN POINT_GT_1 24139	49.86 1.75 -17.43	47.51 1.85 -12.56	44.68 1.38 -18.21	43.02 0.87 -26.24	44.82 1.45 -17.37	47.58 1.73 -14.85	60.61 2.34 -17.16	70.83 2.62 -22.17	71.05 2.57 -23.28	61.07 2.27 -17.57	57.32 2.30 -13.91	52.77 2.06 -12.56	48.62 1.71 -15.79	48.72 1.53 -19.42	48.70 1.56 -19.21	49.91 1.46 -22.37	58.42 1.52 -30.73	67.96 2.39 -24.34	77.82 2.85 -29.08	78.60 2.91 -30.93	63.61 2.68 -16.96	54.58 2.16 -15.25	50.19 1.96 -14.36	46.72 1.41 -20.95
INDIAN POINT_GT_2 23659	49.86 1.75 -17.43	47.51 1.85 -12.56	44.68 1.38 -18.21	43.02 0.87 -26.24	44.82 1.45 -17.37	47.58 1.73 -14.85	60.61 2.34 -17.16	70.83 2.62 -22.17	71.05 2.57 -23.28	61.07 2.27 -17.57	57.32 2.30 -13.91	52.77 2.06 -12.56	48.62 1.71 -15.79	48.72 1.53 -19.42	48.70 1.56 -19.21	49.91 1.46 -22.37	58.42 1.52 -30.73	67.96 2.39 -24.34	77.82 2.85 -29.08	78.60 2.91 -30.93	63.61 2.68 -16.96	54.58 2.16 -15.25	50.19 1.96 -14.36	46.72 1.41 -20.95
INDIAN POINT_GT_3 24019	49.86 1.75 -17.43	47.51 1.85 -12.56	44.68 1.38 -18.21	43.02 0.87 -26.24	44.82 1.45 -17.37	47.58 1.73 -14.85	60.61 2.34 -17.16	70.83 2.62 -22.17	71.05 2.57 -23.28	61.07 2.27 -17.57	57.32 2.30 -13.91	52.77 2.06 -12.56	48.62 1.71 -15.79	48.72 1.53 -19.42	48.70 1.56 -19.21	49.91 1.46 -22.37	58.42 1.52 -30.73	67.96 2.39 -24.34	77.82 2.85 -29.08	78.60 2.91 -30.93	63.61 2.68 -16.96	54.58 2.16 -15.25	50.19 1.96 -14.36	46.72 1.41 -20.95
INDIAN POINT___2 23530	49.61 1.75 -17.19	47.34 1.85 -12.38	44.42 1.38 -17.95	42.66 0.89 -25.87	44.57 1.45 -17.13	47.40 1.77 -14.64	60.37 2.34 -16.92	70.51 2.62 -21.86	70.72 2.57 -22.95	60.82 2.27 -17.32	57.08 2.26 -13.71	52.59 2.06 -12.38	48.40 1.71 -15.56	48.45 1.53 -19.15	48.42 1.56 -18.94	49.60 1.46 -22.05	57.98 1.52 -30.30	67.57 2.35 -23.99	77.41 2.85 -28.67	78.16 2.91 -30.49	63.37 2.68 -16.72	54.36 2.16 -15.03	49.98 1.96 -14.15	46.42 1.41 -20.65
INDIAN POINT___3 23531	49.84 1.72 -17.44	47.49 1.82 -12.57	44.67 1.35 -18.22	43.03 0.87 -26.25	44.80 1.43 -17.38	47.59 1.73 -14.86	60.58 2.30 -17.17	70.79 2.58 -22.19	71.02 2.53 -23.30	61.04 2.23 -17.58	57.24 2.22 -13.92	52.74 2.02 -12.56	48.60 1.68 -15.80	48.71 1.50 -19.44	48.68 1.53 -19.23	49.90 1.43 -22.38	58.41 1.49 -30.75	67.89 2.31 -24.35	77.75 2.75 -29.10	78.58 2.87 -30.95	63.58 2.64 -16.97	54.55 2.12 -15.26	50.16 1.93 -14.37	46.70 1.39 -20.96
IP CORINTH___1 23988	55.58 1.44 -23.46	51.53 1.52 -16.90	50.67 1.08 -24.51	51.91 0.70 -35.31	50.46 1.09 -23.38	52.32 1.33 -19.98	66.30 2.10 -23.10	78.54 2.67 -29.84	79.66 3.12 -31.35	67.61 2.72 -23.66	62.18 2.34 -18.73	57.08 2.02 -16.91	53.87 1.49 -21.26	55.26 1.33 -26.15	55.13 1.34 -25.87	57.43 1.23 -30.12	68.73 1.18 -41.38	76.14 2.14 -32.77	87.53 2.48 -39.16	88.87 2.46 -41.64	69.53 2.73 -22.84	59.86 2.16 -20.53	54.82 1.63 -19.33	53.63 1.07 -28.21
IP___TICONDEROGA 23804	57.17 3.07 -23.43	53.19 3.21 -16.88	51.80 2.23 -24.48	52.62 1.45 -35.27	51.60 2.26 -23.35	53.91 2.95 -19.96	68.53 4.36 -23.07	81.17 5.34 -29.80	82.69 6.19 -31.31	70.22 5.36 -23.63	64.58 4.77 -18.70	59.13 4.08 -16.89	55.31 2.96 -21.23	56.50 2.61 -26.12	56.44 2.68 -25.84	58.69 2.53 -30.08	69.93 2.43 -41.33	78.33 4.37 -32.73	90.05 5.05 -39.11	91.45 5.10 -41.59	72.18 5.41 -22.81	61.81 4.13 -20.51	56.36 3.18 -19.31	54.69 2.17 -28.17
ISLIP_RES_REC 323679	68.07 3.19 -34.20	55.19 3.38 -18.70	49.81 2.58 -22.13	49.81 1.67 -32.24	49.78 2.75 -21.03	49.22 3.13 -15.09	68.44 4.44 -22.89	73.46 5.02 -22.41	73.78 5.06 -23.52	71.14 4.54 -25.37	69.12 4.20 -23.81	68.21 3.93 -26.12	66.13 3.27 -31.74	65.67 2.83 -35.06	65.58 2.85 -34.81	68.76 2.74 -39.93	75.71 2.85 -46.69	78.62 4.41 -32.97	116.71 5.09 -65.72	91.65 5.06 -41.83	83.26 4.84 -34.45	71.43 3.94 -30.32	64.81 3.73 -27.22	63.48 2.75 -36.37
JARVIS____ 23743	30.74 0.06 0.00	33.17 0.07 0.00	25.14 0.05 0.00	15.95 0.05 0.00	26.04 0.05 0.00	31.06 0.06 0.00	41.15 0.04 0.00	46.12 0.09 0.00	45.28 0.09 0.00	41.36 0.12 0.00	41.19 0.08 0.00	38.23 0.08 0.00	31.18 0.06 0.00	27.83 0.06 0.00	27.98 0.06 0.00	26.14 0.05 0.00	26.19 0.03 0.00	41.32 0.08 0.00	45.99 0.09 0.00	44.90 0.13 0.00	44.10 0.13 0.00	37.25 0.07 0.00	33.90 0.03 0.00	24.40 0.05 0.00
JENNISON___1 23625	38.16 1.78 -5.71	39.17 1.95 -4.11	32.43 1.38 -5.96	25.47 0.97 -8.59	33.14 1.45 -5.69	37.72 1.86 -4.86	49.11 2.38 -5.62	56.28 2.99 -7.26	55.63 2.76 -7.68	49.59 2.56 -5.79	47.91 2.22 -4.59	44.36 2.06 -4.14	38.04 1.71 -5.21	35.62 1.53 -6.41	35.79 1.53 -6.34	34.95 1.49 -7.38	37.77 1.46 -10.14	51.69 2.43 -8.03	58.65 3.16 -9.59	58.09 3.13 -10.20	52.64 3.08 -5.59	44.28 2.08 -5.03	40.29 1.69 -4.74	32.56 1.31 -6.89



JENNISON____2 23626	38.16 1.78 -5.71	39.17 1.95 -4.11	32.43 1.38 -5.96	25.47 0.97 -8.59	33.14 1.45 -5.69	37.72 1.86 -4.86	49.11 2.38 -5.62	56.28 2.99 -7.26	55.63 2.76 -7.68	49.59 2.56 -5.79	47.91 2.22 -4.59	44.36 2.06 -4.14	38.04 1.71 -5.21	35.62 1.44 -6.41	35.79 1.53 -6.34	34.95 1.49 -7.38	37.77 1.46 -10.14	51.69 2.43 -8.03	58.65 3.16 -9.59	58.09 3.13 -10.20	52.64 3.08 -5.59	44.28 2.08 -5.03	40.29 1.69 -4.74	32.56 1.31 -6.89
JERICHO_RISE_WT_PWR 323719	30.37 -0.31 0.00	32.51 -0.59 0.00	24.69 -0.40 0.00	15.46 -0.45 0.00	25.76 -0.23 0.00	30.72 -0.28 0.00	40.95 -0.16 0.00	45.80 -0.23 0.00	44.97 -0.22 0.00	40.99 -0.25 0.00	40.90 -0.20 0.00	37.85 -0.31 0.00	30.84 -0.28 0.00	27.44 -0.33 0.00	27.56 -0.36 0.00	25.64 -0.44 0.00	25.91 -0.26 0.00	40.70 -0.54 0.00	45.25 -0.64 0.00	44.18 -0.58 0.00	43.04 -0.93 0.00	36.95 -0.22 0.00	33.76 -0.10 0.00	24.14 -0.22 0.00
KCE_NY_1 323755	55.66 1.59 -23.39	51.67 1.72 -16.85	50.75 1.23 -24.43	51.91 0.79 -35.21	50.55 1.25 -23.31	52.44 1.52 -19.93	66.36 2.22 -23.03	78.50 2.72 -29.75	79.43 2.98 -31.25	67.50 2.68 -23.58	62.24 2.47 -18.67	57.22 2.21 -16.86	54.02 1.71 -21.19	55.37 1.53 -26.07	55.25 1.53 -25.79	57.57 1.46 -30.03	68.81 1.39 -41.25	76.33 2.43 -32.67	87.69 2.75 -39.04	88.96 2.69 -41.52	69.55 2.82 -22.77	59.84 2.19 -20.47	54.93 1.79 -19.27	53.67 1.19 -28.12
KEDC_PORT_JEFF_GT2 24210	67.82 2.95 -34.20	54.92 3.11 -18.70	49.61 2.38 -22.13	49.70 1.56 -32.24	49.60 2.57 -21.03	49.04 2.95 -15.09	68.15 4.15 -22.89	73.04 4.60 -22.41	73.37 4.66 -23.52	70.76 4.16 -25.37	68.78 3.86 -23.81	67.87 3.59 -26.12	65.85 2.99 -31.74	65.45 2.61 -35.06	65.35 2.62 -34.81	68.52 2.50 -39.93	75.48 2.62 -46.69	78.20 4.00 -32.97	116.25 4.63 -65.72	91.25 4.66 -41.83	82.86 4.44 -34.45	71.14 3.65 -30.32	64.58 3.49 -27.22	63.31 2.58 -36.37
KEDC_PORT_JEFF_GT3 24211	67.82 2.95 -34.20	54.92 3.11 -18.70	49.61 2.38 -22.13	49.70 1.56 -32.24	49.60 2.57 -21.03	49.04 2.95 -15.09	68.15 4.15 -22.89	73.04 4.60 -22.41	73.37 4.66 -23.52	70.76 4.16 -25.37	68.78 3.86 -23.81	67.87 3.59 -26.12	65.85 2.99 -31.74	65.45 2.61 -35.06	65.35 2.62 -34.81	68.52 2.50 -39.93	75.48 2.62 -46.69	78.20 4.00 -32.97	116.25 4.63 -65.72	91.25 4.66 -41.83	82.86 4.44 -34.45	71.14 3.65 -30.32	64.58 3.49 -27.22	63.31 2.58 -36.37
KEDC_GLWD_GT4 24219	67.27 2.39 -34.20	54.32 2.51 -18.70	49.10 1.88 -22.13	49.35 1.21 -32.24	49.02 2.00 -21.03	48.44 2.35 -15.09	67.25 3.25 -22.89	71.98 3.54 -22.41	72.29 3.57 -23.52	69.82 3.22 -25.37	68.09 3.17 -23.81	67.18 2.90 -26.12	65.25 2.40 -31.74	65.00 2.17 -35.06	64.91 2.18 -34.81	68.08 2.06 -39.93	74.96 2.09 -46.69	77.50 3.30 -32.97	115.42 3.81 -65.72	90.44 3.85 -41.83	82.07 3.65 -34.45	70.43 2.94 -30.32	63.76 2.67 -27.22	62.68 1.95 -36.37
KEDC_GLWD_GT5 24220	67.27 2.39 -34.20	54.32 2.51 -18.70	49.10 1.88 -22.13	49.35 1.21 -32.24	49.02 2.00 -21.03	48.44 2.35 -15.09	67.25 3.25 -22.89	71.98 3.54 -22.41	72.29 3.57 -23.52	69.82 3.22 -25.37	68.09 3.17 -23.81	67.18 2.90 -26.12	65.25 2.40 -31.74	65.00 2.17 -35.06	64.91 2.18 -34.81	68.08 2.06 -39.93	74.96 2.09 -46.69	77.50 3.30 -32.97	115.42 3.81 -65.72	90.44 3.85 -41.83	82.07 3.65 -34.45	70.43 2.94 -30.32	63.76 2.67 -27.22	62.68 1.95 -36.37
KENSICO____ 23655	50.08 1.84 -17.57	47.71 1.95 -12.65	44.90 1.45 -18.35	43.27 0.92 -26.44	45.03 1.53 -17.51	47.79 1.83 -14.96	60.87 2.47 -17.30	71.14 2.76 -22.34	71.41 2.76 -23.46	61.44 2.43 -17.77	57.62 2.42 -14.09	53.23 2.21 -12.87	49.21 1.80 -16.29	49.37 1.64 -19.96	49.34 1.68 -19.75	50.58 1.56 -22.93	58.76 1.62 -30.97	68.27 2.52 -24.52	78.18 2.98 -29.30	78.97 3.05 -31.17	63.88 2.82 -17.09	54.81 2.27 -15.37	50.50 2.10 -14.54	47.03 1.49 -21.19
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.38 2.06 -16.65	47.22 2.12 -11.99	44.11 1.63 -17.39	42.01 1.05 -25.06	44.30 1.72 -16.59	47.32 2.14 -14.18	60.17 2.67 -16.39	70.25 3.04 -21.18	70.54 3.12 -22.23	60.61 2.60 -16.78	56.90 2.51 -13.28	52.36 2.21 -11.99	47.97 1.77 -15.08	47.88 1.55 -18.55	47.92 1.65 -18.35	49.01 1.56 -21.36	57.27 1.75 -29.35	67.32 2.84 -23.24	77.02 3.35 -27.77	77.79 3.49 -29.54	63.24 3.08 -16.20	54.15 2.41 -14.56	49.81 2.23 -13.71	46.02 1.66 -20.01
KIAC_JFK_GT1 23816	50.24 1.93 -17.63	47.82 2.02 -12.70	45.04 1.56 -18.40	43.40 0.99 -26.51	45.18 1.64 -17.55	47.97 1.95 -15.02	61.01 2.55 -17.35	74.24 2.72 -25.49	78.17 2.67 -30.31	74.11 2.39 -30.49	58.57 2.30 -15.16	61.56 2.06 -21.35	61.68 1.71 -28.84	61.46 1.55 -32.13	61.43 1.56 -31.95	62.11 1.46 -34.57	68.67 1.52 -40.99	73.14 2.39 -29.52	79.35 2.85 -30.61	78.84 2.82 -31.26	73.84 2.68 -27.20	64.13 2.16 -24.80	61.31 2.13 -25.31	50.17 1.61 -24.21
KIAC_JFK_GT2 23817	50.24 1.93 -17.63	47.82 2.02 -12.70	45.04 1.56 -18.40	43.40 0.99 -26.51	45.18 1.64 -17.55	47.97 1.95 -15.02	61.01 2.55 -17.35	74.24 2.72 -25.49	78.17 2.67 -30.31	74.11 2.39 -30.49	58.57 2.30 -15.16	61.56 2.06 -21.35	61.68 1.71 -28.84	61.46 1.55 -32.13	61.43 1.56 -31.95	62.11 1.46 -34.57	68.67 1.52 -40.99	73.14 2.39 -29.52	79.35 2.85 -30.61	78.84 2.82 -31.26	73.84 2.68 -27.20	64.13 2.16 -24.80	61.31 2.13 -25.31	50.17 1.61 -24.21
KINTIGH____ 23543	33.35 0.06 -2.61	35.48 0.50 -1.88	28.12 0.30 -2.73	20.12 0.29 -3.93	28.75 0.16 -2.60	33.44 0.22 -2.22	43.85 0.17 -2.57	49.72 0.37 -3.32	48.71 0.18 -3.34	43.79 0.04 -2.52	42.69 -0.41 -1.99	39.65 -0.31 -1.80	33.23 -0.15 -2.26	30.64 0.08 -2.78	30.65 -0.03 -2.75	29.45 0.16 -3.21	30.47 -0.10 -4.40	44.85 0.12 -3.49	50.11 0.05 -4.17	49.28 0.09 -4.43	47.10 0.70 -2.43	38.88 -0.48 -2.19	35.52 -0.40 -2.06	27.65 0.29 -3.00
LACHUTE____HYDRO 323717	57.17 3.07 -23.43	53.19 3.21 -16.88	51.80 2.23 -24.48	52.62 1.45 -35.27	51.60 2.26 -23.35	53.91 2.95 -19.96	68.53 4.36 -23.07	81.17 5.34 -29.80	82.69 6.19 -31.31	70.22 5.36 -23.63	64.58 4.77 -18.70	59.13 4.08 -16.89	55.31 2.96 -21.23	56.50 2.61 -26.12	56.44 2.68 -25.84	58.69 2.53 -30.08	69.93 2.43 -41.33	78.33 4.37 -32.73	90.05 5.05 -39.11	91.45 5.10 -41.59	72.18 5.41 -22.81	61.81 4.13 -20.51	56.36 3.18 -19.31	54.69 2.17 -28.17
LEDERLE____ 23769	49.44 1.84 -16.93	47.25 1.95 -12.19	44.23 1.45 -17.68	42.30 0.92 -25.48	44.39 1.53 -16.87	47.28 1.86 -14.42	60.24 2.47 -16.67	70.32 2.76 -21.53	70.56 2.76 -22.61	60.64 2.35 -17.06	56.96 2.34 -13.50	52.48 2.14 -12.19	48.19 1.74 -15.33	48.22 1.58 -18.86	48.17 1.59 -18.66	49.32 1.51 -21.72	57.58 1.57 -29.84	67.34 2.47 -23.63	77.12 2.98 -28.24	77.88 3.09 -30.03	63.29 2.86 -16.47	54.25 2.27 -14.81	49.87 2.07 -13.94	46.18 1.49 -20.34
LINDEN COGEN____ 23786	50.36 2.06 -17.63	47.96 2.15 -12.70	45.07 1.58 -18.40	43.43 1.02 -26.51	45.23 1.69 -17.55	48.09 2.08 -15.02	61.22 2.75 -17.35	74.61 3.08 -25.49	78.53 3.03 -30.31	74.48 2.76 -30.49	72.25 2.75 -28.39	71.30 2.48 -30.67	70.41 2.05 -37.24	70.41 1.86 -40.78	70.47 1.87 -40.68	70.02 1.77 -42.16	72.77 1.80 -44.80	78.47 2.81 -34.43	79.90 3.40 -30.61	79.68 3.40 -31.52	74.33 3.17 -27.20	66.13 2.56 -26.39	61.58 2.40 -25.31	50.29 1.73 -24.21



LIPA_MISC_IPP 23656	67.85 2.97 -34.20	54.95 3.15 -18.70	49.63 2.41 -22.13	49.70 1.56 -32.24	49.60 2.57 -21.03	49.04 2.95 -15.09	68.15 4.15 -22.89	73.08 4.65 -22.41	73.42 4.70 -23.52	70.81 4.21 -25.37	68.78 3.86 -23.81	67.94 3.66 -26.12	65.91 3.05 -31.74	65.48 2.64 -35.06	65.35 2.62 -34.81	68.52 2.50 -39.93	75.53 2.67 -46.69	78.25 4.04 -32.97	116.30 4.68 -65.72	91.25 4.66 -41.83	82.91 4.49 -34.45	71.14 3.65 -30.32	64.58 3.49 -27.22	63.31 2.58 -36.37
LISF___SOLAR 323691	67.89 3.01 -34.20	54.99 3.18 -18.70	49.65 2.43 -22.13	49.72 1.57 -32.24	49.62 2.60 -21.03	49.10 3.01 -15.09	68.20 4.20 -22.89	73.13 4.70 -22.41	73.46 4.74 -23.52	70.85 4.25 -25.37	68.83 3.91 -23.81	67.98 3.70 -26.12	65.94 3.08 -31.74	65.50 2.67 -35.06	65.38 2.65 -34.81	68.55 2.53 -39.93	75.56 2.70 -46.69	78.33 4.12 -32.97	116.34 4.73 -65.72	91.33 4.74 -41.83	82.95 4.53 -34.45	71.21 3.72 -30.32	64.61 3.52 -27.22	63.33 2.61 -36.37
LITTLE FALLS___HYD 24013	30.89 0.22 0.00	33.37 0.26 0.00	25.29 0.20 0.00	16.06 0.16 0.00	26.25 0.26 0.00	31.47 0.47 0.00	41.52 0.41 0.00	46.54 0.51 0.00	45.69 0.50 0.00	41.73 0.50 0.00	41.56 0.45 0.00	38.58 0.42 0.00	31.43 0.31 0.00	28.02 0.25 0.00	28.14 0.22 0.00	26.29 0.21 0.00	26.38 0.21 0.00	41.56 0.33 0.00	46.36 0.46 0.00	45.21 0.45 0.00	44.45 0.48 0.00	37.51 0.33 0.00	34.13 0.27 0.00	24.60 0.24 0.00
LI_NEWBRDGE___DRP 323616	67.30 2.42 -34.20	54.36 2.55 -18.70	49.15 1.93 -22.13	49.38 1.24 -32.24	49.07 2.05 -21.03	48.54 2.45 -15.09	67.33 3.33 -22.89	72.03 3.59 -22.41	72.33 3.62 -23.52	69.86 3.26 -25.37	68.01 3.08 -23.81	67.14 2.86 -26.12	65.22 2.36 -31.74	64.98 2.14 -35.06	64.88 2.15 -34.81	68.03 2.01 -39.93	74.93 2.07 -46.69	77.38 3.18 -32.97	115.29 3.67 -65.72	90.26 3.67 -41.83	81.94 3.52 -34.45	70.35 2.86 -30.32	63.83 2.74 -27.22	62.72 2.00 -36.37
LOCKPORT___CC1 323769	33.56 0.00 -2.88	35.64 0.46 -2.08	28.38 0.28 -3.01	20.54 0.30 -4.34	28.97 0.10 -2.87	33.58 0.12 -2.45	43.82 -0.12 -2.83	49.83 0.14 -3.66	48.71 -0.14 -3.66	43.75 -0.25 -2.76	42.51 -0.78 -2.19	39.52 -0.61 -1.97	33.19 -0.41 -2.48	30.74 -0.08 -3.05	30.71 -0.22 -3.01	29.59 0.00 -3.51	30.68 -0.31 -4.82	44.85 -0.21 -3.82	50.09 -0.37 -4.56	49.30 -0.31 -4.85	47.02 0.39 -2.66	38.71 -0.85 -2.39	35.37 -0.75 -2.25	27.89 0.24 -3.29
LOCKPORT___CC2 323770	33.56 0.00 -2.88	35.64 0.46 -2.08	28.38 0.28 -3.01	20.54 0.30 -4.34	28.97 0.10 -2.87	33.58 0.12 -2.45	43.82 -0.12 -2.83	49.83 0.14 -3.66	48.71 -0.14 -3.66	43.75 -0.25 -2.76	42.51 -0.78 -2.19	39.52 -0.61 -1.97	33.19 -0.41 -2.48	30.74 -0.08 -3.05	30.71 -0.22 -3.01	29.59 0.00 -3.51	30.68 -0.31 -4.82	44.85 -0.21 -3.82	50.09 -0.37 -4.56	49.30 -0.31 -4.85	47.02 0.39 -2.66	38.71 -0.85 -2.39	35.37 -0.75 -2.25	27.89 0.24 -3.29
LOCKPORT___CC3 323771	33.56 0.00 -2.88	35.64 0.46 -2.08	28.38 0.28 -3.01	20.54 0.30 -4.34	28.97 0.10 -2.87	33.58 0.12 -2.45	43.82 -0.12 -2.83	49.83 0.14 -3.66	48.71 -0.14 -3.66	43.75 -0.25 -2.76	42.51 -0.78 -2.19	39.52 -0.61 -1.97	33.19 -0.41 -2.48	30.74 -0.08 -3.05	30.71 -0.22 -3.01	29.59 0.00 -3.51	30.68 -0.31 -4.82	44.85 -0.21 -3.82	50.09 -0.37 -4.56	49.30 -0.31 -4.85	47.02 0.39 -2.66	38.71 -0.85 -2.39	35.37 -0.75 -2.25	27.89 0.24 -3.29
LONG_LAKE_PHOENIX 24014	32.37 0.09 -1.60	34.42 0.17 -1.15	26.81 0.05 -1.67	18.40 0.08 -2.41	27.61 0.03 -1.60	32.46 0.09 -1.36	42.81 0.12 -1.58	48.35 0.28 -2.04	47.55 0.23 -2.13	43.05 0.21 -1.61	42.51 0.12 -1.27	39.42 0.11 -1.15	32.66 0.09 -1.45	29.66 0.11 -1.78	29.82 0.14 -1.76	28.29 0.16 -2.05	29.09 0.11 -2.82	43.63 0.17 -2.23	48.89 0.32 -2.66	47.87 0.27 -2.83	45.87 0.35 -1.55	38.57 0.00 -1.40	35.15 -0.03 -1.32	26.34 0.07 -1.91
LOVETT___3 23632	49.40 1.72 -17.00	47.17 1.82 -12.25	44.21 1.35 -17.76	42.36 0.86 -25.59	44.37 1.43 -16.95	47.22 1.73 -14.48	60.15 2.30 -16.74	70.19 2.53 -21.63	70.39 2.48 -22.71	60.52 2.14 -17.14	56.81 2.14 -13.57	52.35 1.94 -12.25	48.11 1.59 -15.40	48.13 1.42 -18.95	48.11 1.45 -18.74	49.29 1.38 -21.82	57.56 1.41 -29.98	67.20 2.23 -23.74	76.97 2.71 -28.37	77.80 2.87 -30.17	63.15 2.64 -16.55	54.17 2.12 -14.87	49.80 1.93 -14.01	46.18 1.39 -20.43
LOVETT___4 23642	49.40 1.72 -17.00	47.17 1.82 -12.25	44.21 1.35 -17.76	42.36 0.86 -25.59	44.37 1.43 -16.95	47.22 1.73 -14.48	60.15 2.30 -16.74	70.19 2.53 -21.63	70.39 2.48 -22.71	60.52 2.14 -17.14	56.81 2.14 -13.57	52.35 1.94 -12.25	48.11 1.59 -15.40	48.13 1.42 -18.95	48.11 1.45 -18.74	49.29 1.38 -21.82	57.56 1.41 -29.98	67.20 2.23 -23.74	76.97 2.71 -28.37	77.80 2.87 -30.17	63.15 2.64 -16.55	54.17 2.12 -14.87	49.80 1.93 -14.01	46.18 1.39 -20.43
LOVETT___5 23593	49.40 1.72 -17.00	47.17 1.82 -12.25	44.21 1.35 -17.76	42.36 0.86 -25.59	44.37 1.43 -16.95	47.22 1.73 -14.48	60.15 2.30 -16.74	70.19 2.53 -21.63	70.39 2.48 -22.71	60.52 2.14 -17.14	56.81 2.14 -13.57	52.35 1.94 -12.25	48.11 1.59 -15.40	48.13 1.42 -18.95	48.11 1.45 -18.74	49.29 1.38 -21.82	57.56 1.41 -29.98	67.20 2.23 -23.74	76.97 2.71 -28.37	77.80 2.87 -30.17	63.15 2.64 -16.55	54.17 2.12 -14.87	49.80 1.93 -14.01	46.18 1.39 -20.43
LOWER RAQUET___HYD 24057	30.06 -0.61 0.00	32.28 -0.83 0.00	24.64 -0.45 0.00	15.51 -0.40 0.00	25.57 -0.42 0.00	30.44 -0.56 0.00	40.37 -0.74 0.00	44.97 -1.06 0.00	44.06 -1.13 0.00	40.33 -0.91 0.00	40.20 -0.90 0.00	37.28 -0.88 0.00	30.41 -0.71 0.00	26.97 -0.81 0.00	27.00 -0.92 0.00	24.83 -1.25 0.00	25.07 -1.10 0.00	39.54 -1.69 0.00	43.97 -1.93 0.00	42.70 -2.06 0.00	41.63 -2.33 0.00	36.21 -0.97 0.00	33.22 -0.64 0.00	23.77 -0.58 0.00
LOWER___HUDSON 24059	54.70 1.01 -23.02	50.81 1.13 -16.58	49.96 0.83 -24.04	51.07 0.52 -34.64	49.76 0.83 -22.94	51.63 1.02 -19.61	65.17 1.40 -22.66	76.91 1.61 -29.27	77.72 1.81 -30.72	66.07 1.65 -23.18	61.06 1.60 -18.35	56.21 1.49 -16.57	53.13 1.18 -20.83	54.48 1.08 -25.63	54.33 1.06 -25.35	56.62 1.02 -29.51	67.69 0.97 -40.55	75.04 1.69 -32.11	86.11 1.84 -38.37	87.27 1.70 -40.81	68.15 1.80 -22.38	58.71 1.41 -20.12	53.99 1.18 -18.95	52.75 0.76 -27.64
LWR___OSWEGATCHIE_HYD 23850	31.11 -0.15 -0.59	33.26 -0.27 -0.42	25.60 -0.10 -0.61	16.69 -0.09 -0.88	26.52 -0.05 -0.58	31.41 -0.09 -0.50	41.56 -0.12 -0.58	46.55 -0.23 -0.75	45.51 -0.41 -0.72	41.49 -0.29 -0.54	41.13 -0.41 -0.43	38.16 -0.38 -0.39	31.30 -0.31 -0.49	27.90 -0.47 -0.60	27.98 -0.53 -0.60	26.00 -0.78 -0.69	26.44 -0.68 -0.95	40.96 -1.03 -0.75	45.83 -0.97 -0.90	44.69 -1.03 -0.96	43.26 -1.23 -0.53	37.20 -0.44 -0.47	34.04 -0.27 -0.45	24.77 -0.29 -0.71
LYONS_FALL_HYD 23570	31.99 0.52 -0.79	34.20 0.53 -0.57	26.31 0.40 -0.82	17.39 0.30 -1.19	27.25 0.47 -0.79	32.32 0.65 -0.67	42.63 0.74 -0.78	47.91 0.87 -1.00	46.66 0.45 -0.76	42.49 0.50 -0.76	42.00 0.29 -0.60	38.97 0.27 -0.55	32.03 0.22 -0.69	28.62 0.00 -0.84	28.78 0.03 -0.84	26.95 -0.10 -0.97	27.45 -0.05 -1.34	42.25 -0.04 -1.06	47.48 0.32 -1.26	46.38 0.27 -1.34	44.84 0.13 -0.74	38.10 0.26 -0.66	34.69 0.20 -0.62	25.43 0.10 -0.98



MADISON___COUNTY_LFGE 323628	32.77 0.86 -1.24	34.95 0.96 -0.89	27.06 0.68 -1.29	18.24 0.48 -1.86	27.92 0.70 -1.23	32.98 0.93 -1.05	43.47 1.15 -1.22	49.03 1.43 -1.57	48.14 1.31 -1.63	43.70 1.24 -1.23	43.15 1.07 -0.98	40.03 0.99 -0.88	33.04 0.81 -1.11	29.83 0.69 -1.36	29.99 0.72 -1.35	28.31 0.65 -1.57	28.95 0.63 -2.16	43.93 0.99 -1.71	49.27 1.33 -2.04	48.23 1.30 -2.17	46.43 1.28 -1.19	39.10 0.86 -1.07	35.55 0.68 -1.01	26.39 0.56 -1.47
MAPLE_RIDGE_WT_1 323574	30.49 -0.18 0.00	32.84 -0.27 0.00	24.89 -0.20 0.00	15.78 -0.13 0.00	25.81 -0.18 0.00	30.78 -0.22 0.00	40.78 -0.33 0.00	45.66 -0.37 0.00	44.83 -0.36 0.00	40.99 -0.25 0.00	40.86 -0.25 0.00	37.93 -0.23 0.00	30.90 -0.22 0.00	27.55 -0.22 0.00	27.67 -0.25 0.00	25.85 -0.24 0.00	25.99 -0.18 0.00	41.03 -0.21 0.00	45.71 -0.18 0.00	44.58 -0.18 0.00	43.70 -0.26 0.00	36.92 -0.26 0.00	33.59 -0.27 0.00	24.14 -0.22 0.00
MAPLE_RIDGE_WT_2 323611	30.49 -0.18 0.00	32.84 -0.27 0.00	24.89 -0.20 0.00	15.78 -0.13 0.00	25.81 -0.18 0.00	30.78 -0.22 0.00	40.78 -0.33 0.00	45.66 -0.37 0.00	44.83 -0.36 0.00	40.99 -0.25 0.00	40.86 -0.25 0.00	37.93 -0.23 0.00	30.90 -0.22 0.00	27.55 -0.22 0.00	27.67 -0.25 0.00	25.85 -0.24 0.00	25.99 -0.18 0.00	41.03 -0.21 0.00	45.71 -0.18 0.00	44.58 -0.18 0.00	43.70 -0.26 0.00	36.92 -0.26 0.00	33.59 -0.27 0.00	24.14 -0.22 0.00
MARBLE_RIVER_WT_PWR 323696	30.55 -0.12 0.00	32.67 -0.43 0.00	24.76 -0.33 0.00	15.46 -0.45 0.00	25.91 -0.08 0.00	30.97 -0.03 0.00	41.32 0.21 0.00	46.22 0.18 0.00	45.37 0.18 0.00	41.36 0.12 0.00	41.27 0.17 0.00	38.16 0.00 0.00	31.03 -0.09 0.00	27.61 -0.17 0.00	27.70 -0.22 0.00	25.80 -0.29 0.00	26.06 -0.10 0.00	40.90 -0.33 0.00	45.53 -0.37 0.00	44.49 -0.27 0.00	43.35 -0.62 0.00	37.21 0.04 0.00	33.97 0.10 0.00	24.31 -0.05 0.00
MARSH_HILL_WT_PWR 323713	35.75 1.26 -3.81	37.44 1.59 -2.75	30.13 1.05 -3.98	22.42 0.78 -5.74	30.73 0.93 -3.80	35.46 1.21 -3.25	46.47 1.60 -3.76	53.27 2.39 -4.85	52.38 2.39 -4.79	47.04 2.18 -3.62	45.66 1.69 -2.86	42.15 1.41 -2.59	35.52 1.15 -3.25	32.99 1.22 -4.00	33.08 1.20 -3.96	31.92 1.23 -4.61	33.60 1.10 -6.33	48.39 2.14 -5.01	54.50 2.61 -5.99	53.68 2.55 -6.37	50.36 2.90 -3.49	41.69 1.38 -3.14	37.90 1.08 -2.96	29.89 1.24 -4.29
MG INDUSTRY___DRP 24185	54.03 0.80 -22.56	50.25 0.89 -16.25	49.31 0.65 -23.57	50.27 0.41 -33.95	49.15 0.67 -22.48	51.02 0.80 -19.22	64.35 1.03 -22.21	75.88 1.15 -28.69	76.65 1.35 -30.10	65.15 1.20 -22.72	60.20 1.11 -17.98	55.42 1.03 -16.24	52.34 0.81 -20.42	53.64 0.75 -25.12	53.52 0.75 -24.85	55.74 0.73 -28.92	66.59 0.68 -39.74	73.82 1.11 -31.47	84.74 1.24 -37.60	85.96 1.21 -39.99	67.18 1.28 -21.93	57.86 0.96 -19.72	53.24 0.81 -18.57	51.96 0.51 -27.09
MID___OSWEGATCHIE_HYD 23849	31.11 -0.15 -0.59	33.26 -0.27 -0.42	25.60 -0.10 -0.61	16.69 -0.09 -0.88	26.52 -0.05 -0.58	31.41 -0.09 -0.50	41.56 -0.12 -0.58	46.55 -0.23 -0.75	45.51 -0.41 -0.72	41.49 -0.29 -0.54	41.13 -0.41 -0.43	38.16 -0.38 -0.39	31.30 -0.31 -0.49	27.90 -0.47 -0.60	27.98 -0.53 -0.60	26.00 -0.78 -0.69	26.44 -0.68 -0.95	40.96 -1.03 -0.75	45.83 -0.97 -0.90	44.69 -1.03 -0.96	43.26 -1.23 -0.53	37.20 -0.44 -0.47	34.04 -0.27 -0.45	24.77 -0.29 -0.71
MID___RAQUETTE_HYD 23851	30.06 -0.61 0.00	32.28 -0.83 0.00	24.64 -0.45 0.00	15.51 -0.40 0.00	25.57 -0.42 0.00	30.44 -0.56 0.00	40.37 -0.74 0.00	44.97 -1.06 0.00	44.06 -1.13 0.00	40.33 -0.91 0.00	40.20 -0.90 0.00	37.28 -0.88 0.00	30.41 -0.71 0.00	26.97 -0.81 0.00	27.00 -0.92 0.00	24.83 -1.25 0.00	25.07 -1.10 0.00	39.54 -1.69 0.00	43.97 -1.93 0.00	42.70 -2.06 0.00	41.63 -2.33 0.00	36.21 -0.97 0.00	33.22 -0.64 0.00	23.77 -0.58 0.00
MILLIKEN___1 23584	35.35 0.98 -3.69	36.92 1.16 -2.66	29.70 0.75 -3.86	22.00 0.54 -5.55	30.42 0.75 -3.68	35.11 0.96 -3.14	46.06 1.32 -3.63	52.47 1.75 -4.69	51.72 1.62 -4.90	46.46 1.53 -3.70	45.39 1.35 -2.93	42.02 1.22 -2.64	35.44 1.00 -3.32	32.81 0.94 -4.09	32.97 1.00 -4.04	31.73 0.94 -4.71	33.55 0.92 -6.47	47.88 1.53 -5.12	53.94 1.93 -6.12	53.11 1.84 -6.51	49.43 1.89 -3.57	41.54 1.15 -3.21	37.83 0.95 -3.02	29.52 0.78 -4.38
MILLIKEN___2 23585	35.35 0.98 -3.69	36.92 1.16 -2.66	29.70 0.75 -3.86	22.00 0.54 -5.55	30.42 0.75 -3.68	35.11 0.96 -3.14	46.06 1.32 -3.63	52.47 1.75 -4.69	51.72 1.62 -4.90	46.46 1.53 -3.70	45.39 1.35 -2.93	42.02 1.22 -2.64	35.44 1.00 -3.32	32.81 0.94 -4.09	32.97 1.00 -4.04	31.73 0.94 -4.71	33.55 0.92 -6.47	47.88 1.53 -5.12	53.94 1.93 -6.12	53.11 1.84 -6.51	49.43 1.89 -3.57	41.54 1.15 -3.21	37.83 0.95 -3.02	29.52 0.78 -4.38
MILLIKEN___DIESEL 23629	35.35 0.98 -3.69	36.92 1.16 -2.66	29.70 0.75 -3.86	22.00 0.54 -5.55	30.42 0.75 -3.68	35.11 0.96 -3.14	46.06 1.32 -3.63	52.47 1.75 -4.69	51.72 1.62 -4.90	46.46 1.53 -3.70	45.39 1.35 -2.93	42.02 1.22 -2.64	35.44 1.00 -3.32	32.81 0.94 -4.09	32.97 1.00 -4.04	31.73 0.94 -4.71	33.55 0.92 -6.47	47.88 1.53 -5.12	53.94 1.93 -6.12	53.11 1.84 -6.51	49.43 1.89 -3.57	41.54 1.15 -3.21	37.83 0.95 -3.02	29.52 0.78 -4.38
MILLSEAT___LFGE 323607	34.28 0.92 -2.69	36.36 1.33 -1.94	28.80 0.90 -2.81	20.63 0.68 -4.04	29.40 0.73 -2.68	34.22 0.93 -2.29	44.78 1.03 -2.64	50.96 1.52 -3.41	49.97 1.35 -3.42	44.89 1.07 -2.59	43.61 0.45 -2.05	40.54 0.53 -1.85	33.78 0.34 -2.32	31.21 0.58 -2.85	31.22 0.47 -2.82	29.71 0.34 -3.29	30.73 0.05 -4.51	45.22 0.41 -3.57	50.58 0.41 -4.27	49.75 0.45 -4.54	47.56 1.10 -2.49	39.16 -0.26 -2.24	35.74 -0.24 -2.11	28.09 0.56 -3.18
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.97 1.78 -17.51	47.57 1.85 -12.62	44.79 1.40 -18.29	43.15 0.89 -26.36	44.90 1.45 -17.45	47.68 1.77 -14.92	60.73 2.38 -17.24	70.93 2.62 -22.27	71.20 2.62 -23.39	61.19 2.31 -17.65	57.38 2.30 -13.97	52.87 2.10 -12.61	48.72 1.74 -15.86	48.84 1.55 -19.51	48.81 1.59 -19.30	50.04 1.49 -22.47	58.58 1.54 -30.87	68.07 2.39 -24.45	77.96 2.85 -29.21	78.74 2.91 -31.07	63.73 2.73 -17.04	54.69 2.19 -15.32	50.29 2.00 -14.42	46.84 1.44 -21.04
MODEL_CITY_ENERGY 24167	33.24 -0.34 -2.90	35.29 0.10 -2.09	28.17 0.05 -3.03	20.44 0.16 -4.37	28.76 -0.13 -2.89	33.29 -0.18 -2.47	43.31 -0.66 -2.86	49.17 -0.55 -3.69	48.11 -0.77 -3.69	43.19 -0.82 -2.78	41.96 -1.36 -2.20	38.96 -1.18 -1.99	32.78 -0.84 -2.50	30.37 -0.47 -3.07	30.35 -0.61 -3.04	29.23 -0.39 -3.54	30.35 -0.68 -4.86	44.30 -0.78 -3.85	49.49 -1.01 -4.60	48.67 -0.98 -4.89	46.43 -0.22 -2.68	38.21 -1.37 -2.41	34.92 -1.22 -2.27	27.67 0.00 -3.32
MODERN_LFGE___ 323580	33.24 -0.34 -2.90	35.29 0.10 -2.09	28.17 0.05 -3.03	20.44 0.16 -4.37	28.76 -0.13 -2.89	33.29 -0.18 -2.47	43.31 -0.66 -2.86	49.17 -0.55 -3.69	48.11 -0.77 -3.69	43.19 -0.82 -2.78	41.96 -1.36 -2.20	38.96 -1.18 -1.99	32.78 -0.84 -2.50	30.37 -0.47 -3.07	30.35 -0.61 -3.04	29.23 -0.39 -3.54	30.35 -0.68 -4.86	44.30 -0.78 -3.85	49.49 -1.01 -4.60	48.67 -0.98 -4.89	46.43 -0.22 -2.68	38.21 -1.37 -2.41	34.92 -1.22 -2.27	27.67 0.00 -3.32



MOHAWK_PAPER___DRP 24187	54.48 0.74 -23.07	50.55 0.83 -16.62	49.77 0.58 -24.10	51.01 0.38 -34.72	49.58 0.60 -22.99	51.43 0.78 -19.65	64.81 0.99 -22.71	76.16 0.78 -29.34	76.86 0.99 -30.67	65.29 0.91 -23.15	60.30 0.86 -18.32	55.54 0.84 -16.54	52.58 0.65 -20.80	53.97 0.61 -25.59	53.82 0.59 -25.31	56.13 0.57 -29.47	67.18 0.52 -40.49	74.33 1.03 -32.06	85.27 1.06 -38.31	86.54 1.03 -40.75	67.37 1.05 -22.35	58.08 0.82 -20.09	53.42 0.64 -18.92	52.32 0.37 -27.60
MONGAUP___HYD 23641	48.23 1.50 -16.06	46.26 1.59 -11.57	43.07 1.20 -16.77	40.83 0.76 -24.16	43.24 1.25 -16.00	46.26 1.58 -13.68	58.93 2.01 -15.81	68.71 2.25 -20.42	68.94 2.30 -21.44	59.40 1.98 -16.18	55.81 1.89 -12.81	51.36 1.64 -11.57	46.85 1.18 -14.54	46.58 0.92 -17.89	46.59 0.98 -17.70	47.52 0.83 -20.60	55.44 0.97 -28.31	65.22 1.57 -22.42	74.61 1.93 -26.79	75.22 1.97 -28.49	61.48 1.89 -15.62	52.89 1.67 -14.05	48.78 1.69 -13.23	44.89 1.24 -19.30
MONTAUK___DIESEL 23721	68.93 4.05 -34.20	56.08 4.27 -18.70	50.46 3.24 -22.13	50.24 2.10 -32.24	50.45 3.43 -21.03	49.96 3.87 -15.09	69.55 5.55 -22.89	74.79 6.35 -22.41	75.27 6.55 -23.52	72.50 5.90 -25.37	70.47 5.55 -23.81	69.47 5.19 -26.12	67.21 4.36 -31.74	66.64 3.81 -35.06	66.39 3.66 -34.81	69.64 3.62 -39.93	76.71 3.85 -46.69	80.14 5.94 -32.97	118.40 6.79 -65.72	93.30 6.71 -41.83	84.84 6.42 -34.45	72.73 5.24 -30.32	65.86 4.78 -27.22	64.16 3.43 -36.37
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.16 2.14 -15.02	61.35 2.88 -17.36	74.79 3.17 -25.59	78.87 3.16 -30.52	75.68 2.84 -31.60	73.58 2.83 -29.64	74.36 2.60 -33.61	75.40 2.12 -42.16	75.47 1.91 -45.79	75.54 1.92 -45.70	75.09 1.83 -47.18	73.24 1.86 -45.21	78.89 2.93 -34.73	79.94 3.40 -30.65	79.74 3.45 -31.53	74.72 3.25 -27.50	66.53 2.64 -26.72	62.68 2.40 -26.41	51.27 1.73 -25.19
MUNSVILLE_WIND_PWR 323609	38.36 2.48 -5.20	39.50 2.65 -3.75	32.43 1.91 -5.43	25.05 1.32 -7.83	33.18 2.00 -5.18	38.10 2.67 -4.43	49.52 3.29 -5.12	56.84 4.19 -6.62	56.01 3.84 -6.98	50.08 3.59 -5.26	48.44 3.17 -4.17	44.82 2.90 -3.76	38.25 2.40 -4.73	35.56 1.97 -5.82	35.80 2.12 -5.76	34.85 2.06 -6.70	37.42 2.04 -9.21	51.91 3.38 -7.29	59.11 4.50 -8.71	58.46 4.43 -9.27	53.36 4.31 -5.08	44.72 2.98 -4.57	40.54 2.37 -4.30	32.36 1.75 -6.25
N SALMON___HYD 24042	30.71 0.03 0.00	32.87 -0.23 0.00	25.09 0.00 0.00	15.70 -0.21 0.00	26.12 0.13 0.00	31.09 0.09 0.00	41.44 0.33 0.00	46.40 0.37 0.00	45.55 0.36 0.00	41.56 0.33 0.00	41.40 0.29 0.00	38.31 0.15 0.00	31.28 0.16 0.00	27.80 0.03 0.00	27.89 -0.03 0.00	25.85 -0.24 0.00	26.19 0.03 0.00	41.28 0.04 0.00	46.04 0.14 0.00	44.72 -0.04 0.00	43.35 -0.62 0.00	37.36 0.19 0.00	34.13 0.27 0.00	24.40 0.05 0.00
N.E._GEN_SANDY PD 24062	51.40 0.92 -19.80	49.10 1.03 -14.97	47.60 0.80 -21.71	47.69 0.51 -31.28	47.48 0.78 -20.71	49.63 0.93 -17.70	62.80 1.23 -20.46	73.89 1.43 -26.43	74.38 1.45 -27.74	63.57 1.40 -20.94	59.08 1.40 -16.57	54.49 1.37 -14.96	51.12 1.18 -18.81	52.00 1.08 -23.15	51.88 1.06 -22.90	53.73 0.99 -26.65	63.73 0.94 -36.62	71.80 1.57 -29.00	82.20 1.65 -34.65	75.50 1.52 -29.22	65.67 1.50 -20.21	56.57 1.22 -18.17	52.09 1.12 -17.11	50.00 0.68 -24.96
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.43 1.78 -16.97	47.18 1.85 -12.22	44.22 1.40 -17.73	42.34 0.89 -25.54	44.36 1.45 -16.91	47.22 1.77 -14.46	60.16 2.34 -16.71	70.24 2.62 -21.58	70.43 2.57 -22.66	60.52 2.18 -17.10	56.83 2.18 -13.54	52.36 1.98 -12.22	48.11 1.62 -15.37	48.15 1.47 -18.91	48.10 1.48 -18.71	49.27 1.41 -21.78	57.55 1.46 -29.92	67.23 2.31 -23.69	77.01 2.80 -28.31	77.78 2.91 -30.11	63.16 2.68 -16.51	54.17 2.16 -14.85	49.81 1.96 -13.98	46.16 1.41 -20.39
NARROWS_GT1_1 24228	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT1_2 24229	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT1_3 24230	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT1_4 24231	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT1_5 24232	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT1_6 24233	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT1_7 24234	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74



NARROWS_GT1_8 24235	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT2_1 24236	50.77 2.46 -17.63	48.40 2.58 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT2_2 24237	50.77 2.46 -17.63	48.40 2.58 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT2_3 24238	50.77 2.46 -17.63	48.40 2.58 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT2_4 24239	50.77 2.46 -17.63	48.40 2.58 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT2_5 24240	50.77 2.46 -17.63	48.40 2.58 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT2_6 24241	50.77 2.46 -17.63	48.40 2.58 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT2_7 24242	50.77 2.46 -17.63	48.40 2.58 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NARROWS_GT2_8 24243	50.77 2.46 -17.63	48.40 2.58 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	53.20 1.32 -21.20	49.77 1.39 -15.28	48.29 1.05 -22.15	48.49 0.67 -31.92	48.24 1.12 -21.13	50.18 1.11 -18.06	63.75 1.77 -20.88	74.98 1.98 -26.97	75.88 2.39 -28.30	64.53 1.94 -21.35	59.74 1.73 -16.90	54.98 1.56 -15.26	51.43 1.12 -19.19	52.38 1.00 -23.61	52.31 1.03 -23.35	54.29 1.02 -27.19	64.62 1.10 -37.35	72.83 2.02 -29.58	83.45 2.20 -35.35	84.55 2.19 -37.59	66.69 2.11 -20.62	57.27 1.56 -18.53	52.60 1.29 -17.45	50.69 0.88 -25.46
NEG CAPITAL___MECHNVIL 23645	55.50 1.56 -23.26	51.55 1.69 -16.76	50.60 1.20 -24.30	51.70 0.78 -35.01	50.40 1.22 -23.18	52.34 1.52 -19.82	66.19 2.18 -22.90	78.24 2.62 -29.59	79.20 2.94 -31.07	67.28 2.60 -23.45	62.10 2.42 -18.56	57.13 2.21 -16.76	53.90 1.71 -21.07	55.22 1.53 -25.92	55.10 1.53 -25.64	57.40 1.46 -29.85	68.60 1.41 -41.02	76.15 2.43 -32.48	87.46 2.75 -38.81	88.73 2.69 -41.28	69.38 2.77 -22.64	59.68 2.16 -20.35	54.79 1.76 -19.16	53.48 1.17 -27.96
NEG CENTRAL_HIGH_ACRES 23767	32.82 -0.12 -2.27	34.80 0.07 -1.63	27.43 -0.03 -2.37	19.36 0.05 -3.41	28.09 -0.16 -2.26	32.87 -0.06 -1.93	43.22 -0.12 -2.23	49.05 0.14 -2.88	48.17 0.05 -2.93	43.41 -0.04 -2.21	42.49 -0.37 -1.75	39.47 -0.27 -1.58	32.86 -0.25 -1.99	30.14 -0.08 -2.45	30.23 -0.11 -2.42	28.93 0.03 -2.82	29.91 -0.13 -3.87	44.30 0.00 -3.07	49.61 0.05 -3.66	48.70 0.04 -3.90	46.50 0.39 -2.14	38.69 -0.41 -1.92	35.27 -0.40 -1.81	27.01 0.00 -2.65
NEG CENTRAL___DRP 24199	33.72 0.61 -2.43	35.62 0.76 -1.75	28.10 0.48 -2.54	19.93 0.37 -3.66	28.86 0.44 -2.42	33.66 0.59 -2.07	44.37 0.86 -2.39	50.41 1.29 -3.09	49.58 1.22 -3.17	44.69 1.07 -2.39	43.82 0.82 -1.89	40.63 0.76 -1.71	33.86 0.59 -2.15	31.05 0.64 -2.64	31.20 0.67 -2.61	29.80 0.68 -3.04	30.95 0.60 -4.18	45.61 1.07 -3.31	51.28 1.42 -3.95	50.27 1.30 -4.21	47.72 1.45 -2.31	39.92 0.67 -2.07	36.33 0.51 -1.95	27.82 0.56 -2.91
NEG CENTRAL___INDECK 23768	35.57 1.69 -3.21	37.47 2.05 -2.31	29.85 1.40 -3.35	21.74 1.00 -4.83	30.49 1.30 -3.20	35.34 1.61 -2.73	46.53 2.26 -3.16	53.15 3.04 -4.08	52.14 2.94 -4.01	46.74 2.47 -3.03	45.44 1.93 -2.40	42.08 1.76 -2.16	35.18 1.34 -2.72	32.54 1.42 -3.35	32.63 1.40 -3.31	31.43 1.49 -3.86	32.80 1.33 -5.30	47.90 2.47 -4.19	53.98 3.08 -5.01	53.14 3.05 -5.33	50.28 3.39 -2.92	41.62 1.82 -2.63	37.86 1.53 -2.47	29.49 1.51 -3.63
NEG CENTRAL___SENECA 23627	34.09 0.77 -2.65	36.00 0.99 -1.91	28.48 0.63 -2.77	20.37 0.48 -3.99	29.20 0.57 -2.64	34.09 0.84 -2.26	44.83 1.11 -2.61	51.06 1.65 -3.37	50.19 1.58 -3.42	45.17 1.36 -2.58	44.22 1.07 -2.04	40.95 0.95 -1.84	34.18 0.75 -2.32	31.43 0.81 -2.85	31.58 0.84 -2.82	30.23 0.86 -3.29	31.47 0.78 -4.51	46.21 1.40 -3.58	51.96 1.79 -4.27	51.01 1.70 -4.54	48.35 1.89 -2.49	40.27 0.86 -2.24	36.65 0.68 -2.11	28.29 0.76 -3.17



NEG CENTRAL___STATE_STREET 24147	33.94 0.86 -2.41	35.87 1.03 -1.73	28.26 0.65 -2.52	19.99 0.46 -3.62	29.01 0.62 -2.40	33.61 0.56 -2.05	44.63 1.15 -2.37	50.66 1.57 -3.06	49.81 1.45 -3.17	44.99 1.36 -2.40	44.24 1.23 -1.90	40.97 1.11 -1.71	34.14 0.87 -2.15	31.28 0.86 -2.65	31.46 0.92 -2.62	29.99 0.86 -3.05	31.17 0.81 -4.19	45.91 1.36 -3.32	51.56 1.70 -3.96	50.54 1.57 -4.22	47.95 1.67 -2.31	40.18 0.93 -2.08	36.60 0.78 -1.96	27.90 0.68 -2.86
NEG MILLWOOD___DRP 24198	50.44 1.97 -17.80	47.91 1.99 -12.82	45.24 1.56 -18.59	43.66 0.97 -26.78	45.34 1.61 -17.73	48.05 1.89 -15.16	61.18 2.55 -17.52	71.61 2.95 -22.63	71.89 2.94 -23.76	61.77 2.60 -17.93	57.90 2.59 -14.20	53.30 2.33 -12.82	49.04 1.80 -16.12	49.18 1.58 -19.83	49.24 1.70 -19.61	50.46 1.54 -22.83	59.22 1.68 -31.37	68.75 2.68 -24.84	78.79 3.21 -29.69	79.56 3.22 -31.57	64.18 2.90 -17.32	55.01 2.27 -15.57	50.55 2.03 -14.66	47.28 1.54 -21.38
NEG NORTH_FLCN_SEA 23793	31.20 0.52 0.00	33.17 0.07 0.00	25.04 -0.05 0.00	15.52 -0.38 0.00	26.46 0.47 0.00	31.68 0.68 0.00	42.34 1.23 0.00	47.46 1.43 0.00	46.60 1.40 0.00	42.47 1.24 0.00	42.30 1.19 0.00	38.96 0.80 0.00	31.65 0.53 0.00	28.11 0.33 0.00	28.17 0.25 0.00	26.24 0.16 0.00	26.58 0.42 0.00	41.56 0.33 0.00	46.40 0.51 0.00	45.48 0.71 0.00	44.23 0.27 0.00	38.03 0.86 0.00	34.74 0.88 0.00	24.84 0.49 0.00
NEG NORTH_KES_CHATEGAY 23792	30.46 -0.21 0.00	32.61 -0.50 0.00	24.79 -0.30 0.00	15.52 -0.38 0.00	25.86 -0.13 0.00	30.85 -0.15 0.00	41.11 0.00 0.00	45.99 -0.05 0.00	45.15 -0.05 0.00	41.15 -0.08 0.00	41.03 -0.08 0.00	37.97 -0.19 0.00	30.96 -0.15 0.00	27.55 -0.22 0.00	27.64 -0.28 0.00	25.75 -0.34 0.00	26.01 -0.16 0.00	40.86 -0.37 0.00	45.53 -0.37 0.00	44.40 -0.36 0.00	43.22 -0.75 0.00	37.10 -0.07 0.00	33.86 0.00 0.00	24.23 -0.12 0.00
NEG NORTH___ALICE_FALLS 23915	31.14 0.46 0.00	33.14 0.03 0.00	25.09 0.00 0.00	15.57 -0.33 0.00	26.41 0.41 0.00	31.59 0.59 0.00	42.22 1.11 0.00	47.37 1.34 0.00	46.50 1.31 0.00	42.35 1.11 0.00	42.18 1.07 0.00	38.88 0.72 0.00	31.62 0.50 0.00	28.11 0.33 0.00	28.17 0.25 0.00	26.24 0.16 0.00	26.61 0.44 0.00	41.69 0.45 0.00	46.54 0.64 0.00	45.52 0.76 0.00	44.14 0.18 0.00	37.99 0.82 0.00	34.68 0.81 0.00	24.79 0.44 0.00
NEG NORTH___LWR_SARANAC 23913	31.14 0.46 0.00	33.14 0.03 0.00	25.09 0.00 0.00	15.57 -0.33 0.00	26.41 0.41 0.00	31.59 0.59 0.00	42.22 1.11 0.00	47.37 1.34 0.00	46.50 1.31 0.00	42.35 1.11 0.00	42.18 1.07 0.00	38.88 0.72 0.00	31.62 0.50 0.00	28.11 0.33 0.00	28.17 0.25 0.00	26.24 0.16 0.00	26.61 0.44 0.00	41.69 0.45 0.00	46.54 0.64 0.00	45.52 0.76 0.00	44.14 0.18 0.00	37.99 0.82 0.00	34.68 0.81 0.00	24.79 0.44 0.00
NEG NORTH___PLATTSBURG 23628	31.14 0.46 0.00	33.14 0.03 0.00	25.09 0.00 0.00	15.57 -0.33 0.00	26.41 0.41 0.00	31.59 0.59 0.00	42.22 1.11 0.00	47.37 1.34 0.00	46.50 1.31 0.00	42.35 1.11 0.00	42.18 1.07 0.00	38.88 0.72 0.00	31.62 0.50 0.00	28.11 0.33 0.00	28.17 0.25 0.00	26.24 0.16 0.00	26.61 0.44 0.00	41.69 0.45 0.00	46.54 0.64 0.00	45.52 0.76 0.00	44.14 0.18 0.00	37.99 0.82 0.00	34.68 0.81 0.00	24.79 0.44 0.00
NEG WEST_LEA_LOCKPORT 23791	33.56 0.00 -2.88	35.64 0.46 -2.08	28.38 0.28 -3.01	20.54 0.30 -4.34	28.97 0.10 -2.87	33.58 0.12 -2.45	43.82 -0.12 -2.83	49.83 0.14 -3.66	48.71 -0.14 -3.66	43.75 -0.25 -2.76	42.51 -0.78 -2.19	39.52 -0.61 -1.97	33.19 -0.41 -2.48	30.74 -0.08 -3.05	30.71 -0.22 -3.01	29.59 0.00 -3.51	30.68 -0.31 -4.82	44.85 -0.21 -3.82	50.09 -0.37 -4.56	49.30 -0.31 -4.85	47.02 0.39 -2.66	38.71 -0.85 -2.39	35.37 -0.75 -2.25	27.89 0.24 -3.29
NEG WEST___LANCASTR 23811	33.62 -0.37 -3.31	35.45 -0.03 -2.38	28.42 -0.12 -3.46	20.90 0.02 -4.98	28.98 -0.31 -3.30	33.48 -0.34 -2.82	43.87 -0.49 -3.26	50.24 0.00 -4.21	48.98 -0.41 -4.19	44.03 -0.37 -3.17	42.79 -0.82 -2.51	39.65 -0.76 -2.26	33.46 -0.50 -2.84	31.08 -0.19 -3.50	31.05 -0.33 -3.46	29.88 -0.24 -4.03	31.23 -0.47 -5.53	45.20 -0.41 -4.38	50.63 -0.50 -5.24	49.93 -0.40 -5.57	47.15 0.13 -3.05	38.84 -1.08 -2.75	35.43 -1.02 -2.58	27.98 -0.15 -3.77
NEG_PENN_ALLEGHNY 23528	37.41 0.98 -5.75	38.40 1.16 -4.14	31.90 0.80 -6.01	25.12 0.56 -8.66	32.48 0.75 -5.73	36.83 0.93 -4.90	48.05 1.28 -5.66	55.09 1.75 -7.31	54.50 1.54 -7.77	48.54 1.44 -5.86	47.02 1.28 -4.64	43.49 1.14 -4.19	37.35 0.97 -5.27	35.17 0.92 -6.48	35.28 0.95 -6.41	34.46 0.91 -7.46	37.10 0.68 -10.25	50.51 1.15 -8.12	57.07 1.47 -9.70	56.51 1.43 -10.32	51.12 1.50 -5.66	43.08 0.82 -5.09	39.33 0.68 -4.79	32.00 0.66 -6.99
NEG___GEN_MONROE 24207	33.62 0.58 -2.36	35.70 0.89 -1.70	28.11 0.55 -2.47	19.89 0.43 -3.56	28.76 0.41 -2.35	33.63 0.62 -2.01	44.09 0.66 -2.33	49.96 0.92 -3.00	49.00 0.77 -3.04	44.14 0.62 -2.29	43.13 0.21 -1.81	40.14 0.34 -1.64	33.37 0.19 -2.06	30.67 0.36 -2.53	30.70 0.28 -2.51	29.34 0.34 -2.92	30.31 0.13 -4.01	44.90 0.50 -3.17	50.28 0.60 -3.79	49.47 0.67 -4.03	47.28 1.10 -2.21	39.27 0.11 -1.99	35.80 0.07 -1.87	27.64 0.54 -2.75
NEPA___ENERGY 23901	34.69 0.67 -3.34	36.60 1.09 -2.40	29.30 0.73 -3.49	21.50 0.57 -5.02	29.89 0.57 -3.33	34.46 0.62 -2.84	45.34 0.95 -3.28	51.79 1.52 -4.24	50.41 0.99 -4.22	45.37 0.95 -3.19	44.13 0.50 -2.52	40.89 0.46 -2.28	34.48 0.50 -2.86	31.99 0.69 -3.52	31.93 0.53 -3.48	30.77 0.63 -4.06	32.11 0.37 -5.57	46.64 0.99 -4.41	52.23 1.06 -5.27	51.53 1.16 -5.61	48.62 1.58 -3.08	40.09 0.15 -2.77	36.54 0.07 -2.60	28.83 0.68 -3.80
NEVERSINK___HYD 23608	48.05 1.90 -15.47	46.23 1.99 -11.14	42.78 1.53 -16.16	40.16 0.97 -23.28	43.02 1.61 -15.42	46.29 2.11 -13.18	58.89 2.55 -15.23	68.56 2.85 -19.68	68.79 2.94 -20.66	59.30 2.47 -15.59	55.79 2.34 -12.34	51.40 2.10 -11.14	46.81 1.68 -14.01	46.48 1.47 -17.24	46.54 1.56 -17.05	47.42 1.49 -19.85	55.09 1.65 -27.28	65.48 2.64 -21.60	74.83 3.12 -25.81	75.44 3.22 -27.45	61.88 2.86 -15.06	52.98 2.27 -13.53	48.71 2.10 -12.74	44.48 1.54 -18.59
NEWTON___FALLS_HYD 23847	31.11 -0.15 -0.59	33.26 -0.27 -0.42	25.60 -0.10 -0.61	16.69 -0.09 -0.88	26.52 -0.05 -0.58	31.41 -0.09 -0.50	41.56 -0.12 -0.58	46.55 -0.23 -0.75	45.51 -0.41 -0.72	41.49 -0.29 -0.54	41.13 -0.41 -0.43	38.16 -0.38 -0.39	31.30 -0.31 -0.49	27.90 -0.47 -0.60	27.98 -0.53 -0.60	26.00 -0.78 -0.69	26.44 -0.68 -0.95	40.96 -1.03 -0.75	45.83 -0.97 -0.90	44.69 -1.03 -0.96	43.26 -1.23 -0.53	37.20 -0.44 -0.47	34.04 -0.27 -0.45	24.77 -0.29 -0.71
NGRID_A1_DSASP 323792	32.47 -1.13 -2.92	34.51 -0.70 -2.11	27.54 -0.60 -3.05	20.03 -0.27 -4.40	28.13 -0.78 -2.91	32.56 -0.93 -2.49	42.51 -1.44 -2.84	48.26 -1.43 -3.66	47.18 -1.67 -3.66	42.40 -1.65 -2.81	41.20 -2.14 -2.23	38.23 -1.91 -1.98	32.20 -1.37 -2.45	29.81 -0.97 -3.01	29.81 -1.09 -2.98	28.75 -0.81 -3.47	29.80 -1.15 -4.78	43.53 -1.48 -3.78	48.54 -1.88 -4.52	47.78 -1.79 -4.81	45.59 -1.01 -2.63	37.49 -2.04 -2.36	34.32 -1.76 -2.22	27.11 -0.58 -3.34



NGRID_A2_DSASP 323793	32.47 -1.13 -2.92	34.51 -0.70 -2.11	27.54 -0.60 -3.05	20.03 -0.27 -4.40	28.13 -0.78 -2.91	32.56 -0.93 -2.49	42.51 -1.44 -2.84	48.26 -1.43 -3.66	47.18 -1.67 -3.66	42.40 -1.65 -2.81	41.20 -2.14 -2.23	38.23 -1.91 -1.98	32.20 -1.37 -2.45	29.81 -0.97 -3.01	29.81 -1.09 -2.98	28.75 -0.81 -3.47	29.80 -1.15 -4.78	43.53 -1.48 -3.78	48.54 -1.88 -4.52	47.78 -1.79 -4.81	45.59 -1.01 -2.63	37.49 -2.04 -2.36	34.32 -1.76 -2.22	27.11 -0.58 -3.34
NGRID_A4_DSASP 323807	32.47 -1.13 -2.92	34.51 -0.70 -2.11	27.54 -0.60 -3.05	20.03 -0.27 -4.40	28.13 -0.78 -2.91	32.56 -0.93 -2.49	42.51 -1.44 -2.84	48.26 -1.43 -3.66	47.18 -1.67 -3.66	42.40 -1.65 -2.81	41.20 -2.14 -2.23	38.23 -1.91 -1.98	32.20 -1.37 -2.45	29.81 -0.97 -3.01	29.81 -1.09 -2.98	28.75 -0.81 -3.47	29.80 -1.15 -4.78	43.53 -1.48 -3.78	48.54 -1.88 -4.52	47.78 -1.79 -4.81	45.59 -1.01 -2.63	37.49 -2.04 -2.36	34.32 -1.76 -2.22	27.11 -0.58 -3.34
NIAGARA_115E_LBMP 323715	33.11 -0.49 -2.92	35.14 -0.07 -2.11	28.07 -0.08 -3.05	20.38 0.08 -4.40	28.64 -0.26 -2.91	33.15 -0.34 -2.49	43.04 -0.94 -2.88	48.87 -0.88 -3.72	47.77 -1.13 -3.71	42.88 -1.15 -2.80	41.68 -1.65 -2.22	38.71 -1.45 -2.00	32.58 -1.06 -2.51	30.20 -0.67 -3.09	30.17 -0.81 -3.06	29.07 -0.57 -3.56	30.20 -0.86 -4.90	44.04 -1.07 -3.88	49.15 -1.38 -4.63	48.39 -1.30 -4.93	46.14 -0.53 -2.70	37.97 -1.63 -2.43	34.73 -1.42 -2.29	27.55 -0.15 -3.34
NIAGARA_115W_LBMP 323714	32.25 -1.35 -2.92	34.32 -0.89 -2.11	27.39 -0.75 -3.05	19.94 -0.37 -4.40	27.97 -0.93 -2.91	32.34 -1.15 -2.49	42.26 -1.69 -2.84	47.94 -1.75 -3.66	46.91 -1.94 -3.66	42.10 -1.90 -2.76	40.87 -2.43 -2.19	38.00 -2.14 -1.98	31.98 -1.59 -2.45	29.65 -1.14 -3.01	29.64 -1.26 -2.98	28.59 -0.96 -3.47	29.64 -1.31 -4.78	43.24 -1.77 -3.78	48.26 -2.16 -4.52	47.51 -2.06 -4.81	45.32 -1.28 -2.63	37.27 -2.27 -2.36	34.12 -1.96 -2.22	26.96 -0.73 -3.34
NIAGARA_230_LBMP 323716	33.29 -0.25 -2.86	35.36 0.20 -2.06	28.18 0.10 -2.99	20.38 0.18 -4.30	28.79 -0.05 -2.85	33.37 -0.06 -2.44	43.64 -0.29 -2.82	49.53 -0.14 -3.64	48.42 -0.41 -3.64	43.48 -0.49 -2.74	42.29 -0.99 -2.17	39.28 -0.84 -1.96	33.06 -0.53 -2.47	30.58 -0.22 -3.03	30.59 -0.33 -3.00	29.45 -0.13 -3.49	30.52 -0.45 -4.80	44.62 -0.41 -3.80	49.84 -0.60 -4.54	49.06 -0.54 -4.83	46.79 0.18 -2.65	38.55 -1.00 -2.38	35.26 -0.85 -2.24	27.70 0.07 -3.27
NIAGARA____ 23760	32.68 -0.92 -2.92	34.71 -0.50 -2.11	27.72 -0.43 -3.05	20.15 -0.16 -4.40	28.31 -0.60 -2.91	32.75 -0.74 -2.49	42.74 -1.23 -2.86	48.66 -1.06 -3.68	47.65 -1.22 -3.68	42.77 -1.24 -2.78	41.54 -1.77 -2.20	38.58 -1.57 -1.99	32.42 -1.18 -2.48	30.03 -0.81 -3.06	30.03 -0.92 -3.03	28.93 -0.68 -3.53	30.05 -0.97 -4.85	43.99 -1.07 -3.83	49.14 -1.33 -4.57	48.33 -1.30 -4.87	46.06 -0.57 -2.67	37.86 -1.71 -2.40	34.57 -1.56 -2.26	27.28 -0.41 -3.34
NINE_MILE_1 23575	31.61 -0.34 -1.28	33.69 -0.33 -0.92	26.15 -0.28 -1.33	17.67 -0.16 -1.92	26.95 -0.31 -1.27	31.75 -0.34 -1.09	41.91 -0.45 -1.26	47.24 -0.42 -1.62	46.43 -0.45 -1.69	42.10 -0.41 -1.28	41.63 -0.49 -1.01	38.61 -0.46 -0.91	31.89 -0.37 -1.15	28.88 -0.30 -1.41	29.01 -0.31 -1.39	27.45 -0.26 -1.62	28.11 -0.29 -2.23	42.63 -0.37 -1.77	47.69 -0.32 -2.11	46.70 -0.31 -2.25	44.93 -0.26 -1.23	37.84 -0.44 -1.11	34.50 -0.40 -1.04	25.67 -0.22 -1.53
NINE_MILE_2 23744	31.61 -0.34 -1.27	33.72 -0.30 -0.92	26.14 -0.28 -1.33	17.68 -0.14 -1.92	26.95 -0.31 -1.27	31.74 -0.34 -1.08	41.91 -0.45 -1.25	47.24 -0.42 -1.62	46.43 -0.45 -1.69	42.09 -0.41 -1.27	41.63 -0.49 -1.01	38.61 -0.46 -0.91	31.89 -0.37 -1.14	28.87 -0.30 -1.41	29.03 -0.28 -1.39	27.44 -0.26 -1.62	28.11 -0.29 -2.23	42.63 -0.37 -1.76	47.68 -0.32 -2.11	46.69 -0.31 -2.24	44.93 -0.26 -1.23	37.83 -0.44 -1.10	34.50 -0.40 -1.04	25.67 -0.22 -1.53
NM_CAPITAL____DRP 24208	54.13 0.46 -23.00	50.20 0.53 -16.57	49.49 0.38 -24.02	50.76 0.24 -34.61	49.30 0.39 -22.92	51.08 0.49 -19.59	64.37 0.62 -22.64	75.92 0.64 -29.25	76.67 0.81 -30.66	65.12 0.74 -23.14	60.12 0.70 -18.32	55.38 0.69 -16.54	52.44 0.53 -20.79	53.85 0.50 -25.58	53.70 0.47 -25.30	56.01 0.47 -29.46	67.06 0.42 -40.47	74.15 0.87 -32.05	85.11 0.92 -38.30	86.34 0.85 -40.73	67.23 0.92 -22.34	57.93 0.67 -20.08	53.31 0.54 -18.91	52.24 0.29 -27.59
NM_CENTRAL____DRP 24181	32.68 0.24 -1.76	34.70 0.33 -1.27	27.11 0.18 -1.84	18.71 0.16 -2.65	27.90 0.16 -1.75	32.72 0.22 -1.50	43.17 0.33 -1.73	48.82 0.55 -2.24	47.98 0.45 -2.34	43.41 0.41 -1.76	42.83 0.33 -1.40	39.72 0.30 -1.26	32.95 0.25 -1.59	29.97 0.25 -1.95	30.13 0.28 -1.93	28.62 0.29 -2.25	29.49 0.23 -3.09	44.09 0.41 -2.44	49.41 0.60 -2.92	48.41 0.54 -3.11	46.28 0.62 -1.70	38.93 0.22 -1.53	35.44 0.14 -1.44	26.65 0.19 -2.10
NM_FRONTIER____DRP 24179	32.25 -1.35 -2.92	34.32 -0.89 -2.11	27.39 -0.75 -3.05	19.94 -0.37 -4.40	27.97 -0.93 -2.91	32.34 -1.15 -2.49	42.26 -1.69 -2.84	47.94 -1.75 -3.66	46.91 -1.94 -3.66	42.10 -1.90 -2.76	40.87 -2.43 -2.19	38.00 -2.14 -1.98	31.98 -1.59 -2.45	29.65 -1.14 -3.01	29.64 -1.26 -2.98	28.59 -0.96 -3.47	29.64 -1.31 -4.78	43.24 -1.77 -3.78	48.26 -2.16 -4.52	47.51 -2.06 -4.81	45.32 -1.28 -2.63	37.27 -2.27 -2.36	34.12 -1.96 -2.22	26.96 -0.73 -3.34
NM_ST_REGIS____HYD 24053	30.18 -0.49 0.00	32.37 -0.73 0.00	24.71 -0.38 0.00	15.54 -0.37 0.00	25.68 -0.31 0.00	30.57 -0.43 0.00	40.62 -0.49 0.00	45.29 -0.74 0.00	44.42 -0.77 0.00	40.57 -0.66 0.00	40.45 -0.66 0.00	37.51 -0.65 0.00	30.59 -0.53 0.00	27.16 -0.61 0.00	27.19 -0.73 0.00	25.07 -1.02 0.00	25.33 -0.84 0.00	39.91 -1.32 0.00	44.43 -1.47 0.00	43.15 -1.61 0.00	42.03 -1.93 0.00	36.47 -0.71 0.00	33.42 -0.44 0.00	23.89 -0.46 0.00
NORTHPORT____1 23551	67.61 2.73 -34.20	54.72 2.91 -18.70	49.48 2.26 -22.13	49.57 1.43 -32.24	49.41 2.39 -21.03	48.91 2.82 -15.09	67.83 3.82 -22.89	72.58 4.14 -22.41	72.87 4.16 -23.52	70.31 3.71 -25.37	68.29 3.37 -23.81	67.49 3.21 -26.12	65.54 2.68 -31.74	65.23 2.39 -35.06	65.13 2.40 -34.81	68.23 2.22 -39.93	75.14 2.28 -46.69	77.63 3.42 -32.97	115.56 3.95 -65.72	90.57 3.98 -41.83	82.24 3.82 -34.45	70.65 3.16 -30.32	64.20 3.11 -27.22	63.02 2.29 -36.37
NORTHPORT____2 23552	67.61 2.73 -34.20	54.72 2.91 -18.70	49.48 2.26 -22.13	49.57 1.43 -32.24	49.41 2.39 -21.03	48.91 2.82 -15.09	67.83 3.82 -22.89	72.58 4.14 -22.41	72.87 4.16 -23.52	70.31 3.71 -25.37	68.29 3.37 -23.81	67.49 3.21 -26.12	65.54 2.68 -31.74	65.23 2.39 -35.06	65.13 2.40 -34.81	68.23 2.22 -39.93	75.14 2.28 -46.69	77.63 3.42 -32.97	115.56 3.95 -65.72	90.57 3.98 -41.83	82.24 3.82 -34.45	70.65 3.16 -30.32	64.20 3.11 -27.22	63.02 2.29 -36.37
NORTHPORT____3 23553	67.21 2.33 -34.20	54.29 2.48 -18.70	49.10 1.88 -22.13	49.35 1.21 -32.24	49.02 2.00 -21.03	48.44 2.35 -15.09	67.21 3.21 -22.89	71.65 3.22 -22.40	71.97 3.26 -23.52	69.53 2.93 -25.37	67.63 2.71 -23.80	66.79 2.52 -26.12	64.98 2.12 -31.74	64.78 1.94 -35.06	64.71 1.98 -34.81	67.78 1.77 -39.93	74.71 1.86 -46.69	77.04 2.84 -32.96	114.91 3.31 -65.71	89.94 3.36 -41.82	81.58 3.17 -34.45	70.05 2.56 -30.31	63.66 2.57 -27.22	62.65 1.92 -36.37



NORTHPORT____4 23650	67.21 2.33 -34.20	54.29 2.48 -18.70	49.10 1.88 -22.13	49.35 1.21 -32.24	49.02 2.00 -21.03	48.44 2.35 -15.09	67.21 3.21 -22.89	71.65 3.22 -22.40	71.97 3.26 -23.52	69.53 2.93 -25.37	67.63 2.71 -23.80	66.79 2.52 -26.12	64.98 2.12 -31.74	64.78 1.94 -35.06	64.71 1.98 -34.81	67.78 1.77 -39.93	74.71 1.86 -46.69	77.04 2.84 -32.96	114.91 3.31 -65.71	89.94 3.36 -41.82	81.58 3.17 -34.45	70.05 2.56 -30.31	63.66 2.57 -27.22	62.65 1.92 -36.37
NORTHPORT____IC 23718	67.61 2.73 -34.20	54.72 2.91 -18.70	49.48 2.26 -22.13	49.57 1.43 -32.24	49.41 2.39 -21.03	48.91 2.82 -15.09	67.83 3.82 -22.89	72.58 4.14 -22.41	72.87 4.16 -23.52	70.31 3.71 -25.37	68.29 3.37 -23.81	67.49 3.21 -26.12	65.54 2.68 -31.74	65.23 2.39 -35.06	65.13 2.40 -34.81	68.23 2.22 -39.93	75.14 2.28 -46.69	77.63 3.42 -32.97	115.56 3.95 -65.72	90.57 3.98 -41.83	82.24 3.82 -34.45	70.65 3.16 -30.32	64.20 3.11 -27.22	63.02 2.29 -36.37
NPX_GEN_1385_PROXY 323591	57.20 1.90 -24.62	53.96 2.15 -18.70	49.18 1.96 -22.13	49.32 1.18 -32.24	49.05 2.03 -21.03	48.91 2.82 -15.09	67.04 3.04 -22.89	71.89 3.45 -22.41	72.15 3.43 -23.52	69.20 2.60 -25.37	67.10 2.18 -23.81	65.12 2.14 -24.83	63.34 1.74 -30.48	61.20 1.53 -31.90	60.66 1.56 -31.18	62.00 1.43 -34.48	68.55 1.49 -40.89	76.43 2.23 -32.97	87.94 2.71 -39.34	76.10 2.73 -28.61	69.44 2.59 -22.88	59.70 2.12 -20.41	58.16 2.20 -22.10	55.18 1.61 -29.22
NPX_GEN_CSC 323557	68.01 3.13 -34.20	55.12 3.31 -18.70	49.73 2.51 -22.13	49.76 1.62 -32.24	49.70 2.68 -21.03	49.16 3.07 -15.09	68.36 4.36 -22.89	73.31 4.88 -22.41	73.64 4.93 -23.52	71.01 4.41 -25.37	69.03 4.11 -23.81	68.13 3.85 -26.12	66.09 3.24 -31.74	65.64 2.80 -35.06	65.49 2.76 -34.81	68.68 2.66 -39.93	75.71 2.85 -46.69	78.49 4.29 -32.97	116.57 4.96 -65.72	91.56 4.97 -41.83	83.17 4.75 -34.45	71.36 3.87 -30.32	64.75 3.66 -27.22	63.43 2.70 -36.37
NSINS_S_GLNS_FALLS 23858	55.76 1.66 -23.43	51.74 1.75 -16.88	50.80 1.23 -24.48	51.97 0.79 -35.27	50.59 1.25 -23.35	52.51 1.55 -19.96	66.52 2.34 -23.07	78.82 2.99 -29.80	79.89 3.39 -31.31	67.87 3.01 -23.63	62.40 2.59 -18.70	57.29 2.25 -16.89	54.03 1.68 -21.23	55.39 1.50 -26.12	55.27 1.51 -25.84	57.55 1.38 -30.08	68.83 1.33 -41.33	76.39 2.43 -32.73	87.76 2.75 -39.11	89.13 2.78 -41.59	69.81 3.03 -22.81	60.06 2.38 -20.51	55.00 1.83 -19.31	53.72 1.19 -28.17
NUCOR_STEEL____DRP 24197	33.67 0.67 -2.32	35.60 0.83 -1.67	28.04 0.53 -2.43	19.77 0.37 -3.50	28.78 0.47 -2.32	33.60 0.62 -1.98	44.30 0.90 -2.29	50.23 1.24 -2.95	49.39 1.13 -3.07	44.62 1.07 -2.32	43.89 0.95 -1.83	40.65 0.84 -1.65	33.85 0.65 -2.08	31.00 0.67 -2.56	31.18 0.72 -2.53	29.71 0.68 -2.95	30.84 0.63 -4.05	45.51 1.07 -3.21	51.06 1.33 -3.83	50.05 1.21 -4.08	47.52 1.32 -2.24	39.89 0.70 -2.01	36.33 0.58 -1.89	27.65 0.54 -2.76
NYISO_LBMP_REFERENCE 24008	30.68 0.00 0.00	33.10 0.00 0.00	25.09 0.00 0.00	15.91 0.00 0.00	25.99 0.00 0.00	31.00 0.00 0.00	41.11 0.00 0.00	46.03 0.00 0.00	45.19 0.00 0.00	41.23 0.00 0.00	41.11 0.00 0.00	38.16 0.00 0.00	31.12 0.00 0.00	27.77 0.00 0.00	27.92 0.00 0.00	26.08 0.00 0.00	26.17 0.00 0.00	41.23 0.00 0.00	45.90 0.00 0.00	44.76 0.00 0.00	43.97 0.00 0.00	37.17 0.00 0.00	33.86 0.00 0.00	24.36 0.00 0.00
NYPA_BRENTWD____GT 24164	67.92 3.04 -34.20	55.02 3.21 -18.70	49.68 2.46 -22.13	49.72 1.57 -32.24	49.62 2.60 -21.03	49.13 3.04 -15.09	68.20 4.20 -22.89	73.08 4.65 -22.41	73.37 4.66 -23.52	70.76 4.16 -25.37	68.78 3.86 -23.81	67.91 3.63 -26.12	65.85 2.99 -31.74	65.50 2.67 -35.06	65.41 2.68 -34.81	68.55 2.53 -39.93	75.48 2.62 -46.69	77.92 3.71 -32.97	115.75 4.13 -65.72	90.75 4.16 -41.83	82.68 4.26 -34.45	71.14 3.65 -30.32	64.58 3.49 -27.22	63.28 2.56 -36.37
NYPA_GOWANUS____GT5 24156	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NYPA_GOWANUS____GT6 24157	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74
NYPA_HARLEM_RVR_GT1 24160	50.60 2.30 -17.62	48.18 2.38 -12.69	45.23 1.73 -18.41	43.52 1.10 -26.52	45.40 1.85 -17.56	48.24 2.23 -15.01	61.50 3.04 -17.35	72.08 3.36 -22.69	72.28 3.30 -23.79	63.29 3.01 -19.05	58.37 3.00 -14.27	54.68 2.75 -13.77	50.99 2.24 -17.63	51.07 2.03 -21.27	51.05 2.07 -21.06	52.24 1.96 -24.20	60.17 1.99 -32.01	69.44 3.13 -25.07	78.94 3.53 -29.50	79.64 3.62 -31.25	65.50 3.43 -18.10	56.29 2.79 -16.33	71.39 2.54 -34.99	53.00 1.80 -26.84
NYPA_HARLEM_RVR_GT2 24161	50.60 2.30 -17.62	48.18 2.38 -12.69	45.23 1.73 -18.41	43.52 1.10 -26.52	45.40 1.85 -17.56	48.24 2.23 -15.01	61.50 3.04 -17.35	72.08 3.36 -22.69	72.28 3.30 -23.79	63.29 3.01 -19.05	58.37 3.00 -14.27	54.68 2.75 -13.77	50.99 2.24 -17.63	51.07 2.03 -21.27	51.05 2.07 -21.06	52.24 1.96 -24.20	60.17 1.99 -32.01	69.44 3.13 -25.07	78.94 3.53 -29.50	79.64 3.62 -31.25	65.50 3.43 -18.10	56.29 2.79 -16.33	71.39 2.54 -34.99	53.00 1.80 -26.84
NYPA_KENT____GT 24152	50.67 2.36 -17.63	48.33 2.51 -12.71	45.35 1.86 -18.40	43.60 1.18 -26.51	45.50 1.95 -17.56	48.41 2.39 -15.02	61.59 3.12 -17.36	74.89 3.32 -25.54	78.91 3.30 -30.42	75.30 2.97 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.29 2.24 -39.93	73.32 2.03 -43.52	73.38 2.04 -43.43	72.92 1.93 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.05 3.76 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.29 2.51 -25.92	50.90 1.80 -24.74
NYPA_POUCH1____GT 24155	50.73 2.42 -17.64	48.46 2.65 -12.71	45.45 1.96 -18.41	43.66 1.24 -26.52	45.60 2.05 -17.56	48.50 2.48 -15.02	61.64 3.17 -17.36	74.67 3.08 -25.56	78.76 3.12 -30.46	75.34 2.81 -31.30	73.33 2.83 -29.38	73.72 2.56 -33.01	74.41 2.12 -41.17	74.44 1.89 -44.78	74.53 1.92 -44.68	73.74 1.83 -45.83	73.17 1.91 -45.10	78.93 3.05 -34.64	80.06 3.53 -30.63	80.18 3.89 -31.53	74.68 3.30 -27.41	66.48 2.68 -26.63	62.35 2.37 -26.12	50.98 1.70 -24.92
NYPA_VERNON____GT2 24162	50.61 2.30 -17.63	48.23 2.42 -12.71	45.30 1.81 -18.40	43.58 1.16 -26.51	45.45 1.90 -17.56	48.34 2.33 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.22 3.04 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.21 2.02 -45.02	78.96 3.13 -34.59	80.11 3.58 -30.63	79.96 3.67 -31.53	74.76 3.43 -27.36	66.57 2.82 -26.57	62.32 2.54 -25.92	50.93 1.83 -24.74



NYPA_VERNON____GT3 24163	50.61 2.30 -17.63	48.23 2.42 -12.71	45.30 1.81 -18.40	43.58 1.16 -26.51	45.45 1.90 -17.56	48.34 2.33 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.22 3.04 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.21 2.02 -45.02	78.96 3.13 -34.59	80.11 3.58 -30.63	79.96 3.67 -31.53	74.76 3.43 -27.36	66.57 2.82 -26.57	62.32 2.54 -25.92	50.93 1.83 -24.74
NYPA____ASTORIA_CC1 323568	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74
NYPA____ASTORIA_CC2 323569	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74
NYPA____HOLTSVILL 23794	67.73 2.85 -34.20	54.82 3.01 -18.70	49.53 2.31 -22.13	49.64 1.49 -32.24	49.49 2.47 -21.03	48.94 2.85 -15.09	67.99 3.99 -22.89	72.86 4.42 -22.41	73.15 4.43 -23.52	70.56 3.96 -25.37	68.58 3.66 -23.81	67.72 3.44 -26.12	65.72 2.86 -31.74	65.34 2.50 -35.06	65.24 2.51 -34.81	68.39 2.37 -39.93	75.35 2.49 -46.69	77.96 3.75 -32.97	115.98 4.36 -65.72	90.98 4.39 -41.83	82.60 4.18 -34.45	70.91 3.42 -30.32	64.41 3.32 -27.22	63.21 2.49 -36.37
NYPA____HELLGATE_GT1 24158	50.60 2.30 -17.62	48.18 2.38 -12.69	45.23 1.73 -18.41	43.52 1.10 -26.52	45.40 1.85 -17.56	48.24 2.23 -15.01	61.50 3.04 -17.35	77.67 3.36 -28.28	77.18 3.30 -28.69	86.17 3.01 -41.92	60.14 3.00 -16.03	69.81 2.75 -28.91	73.42 2.24 -40.06	72.79 2.03 -42.99	72.82 2.07 -42.83	72.98 1.96 -44.94	78.11 1.99 -49.95	78.33 3.13 -33.96	81.13 3.53 -31.70	79.64 3.62 -31.25	83.68 3.43 -36.28	73.24 2.79 -33.28	52.02 2.54 -15.62	47.71 1.80 -21.55
NYPA____HELLGATE_GT2 24159	50.60 2.30 -17.62	48.18 2.38 -12.69	45.23 1.73 -18.41	43.52 1.10 -26.52	45.40 1.85 -17.56	48.24 2.23 -15.01	61.50 3.04 -17.35	77.67 3.36 -28.28	77.18 3.30 -28.69	86.17 3.01 -41.92	60.14 3.00 -16.03	69.81 2.75 -28.91	73.42 2.24 -40.06	72.79 2.03 -42.99	72.82 2.07 -42.83	72.98 1.96 -44.94	78.11 1.99 -49.95	78.33 3.13 -33.96	81.13 3.53 -31.70	79.64 3.62 -31.25	83.68 3.43 -36.28	73.24 2.79 -33.28	52.02 2.54 -15.62	47.71 1.80 -21.55
NYS_BARGE____HYD 23848	33.51 -0.03 -2.87	35.60 0.43 -2.06	28.36 0.28 -2.99	20.52 0.30 -4.31	28.95 0.10 -2.86	33.53 0.09 -2.44	43.72 -0.20 -2.82	49.72 0.05 -3.64	48.65 -0.18 -3.64	43.70 -0.29 -2.75	42.46 -0.82 -2.18	39.43 -0.69 -1.96	33.12 -0.47 -2.46	30.67 -0.14 -3.03	30.64 -0.28 -3.00	29.52 -0.05 -3.49	30.60 -0.37 -4.80	44.79 -0.25 -3.80	49.98 -0.46 -4.54	49.19 -0.40 -4.83	46.96 0.35 -2.65	38.63 -0.93 -2.38	35.29 -0.81 -2.24	27.85 0.22 -3.27
OAK ORCHARD____HYD 24046	33.51 0.49 -2.34	35.58 0.79 -1.69	28.04 0.50 -2.45	19.83 0.40 -3.52	28.72 0.39 -2.33	33.52 0.53 -1.99	44.07 0.66 -2.30	49.98 0.97 -2.98	49.11 0.90 -3.01	44.21 0.70 -2.27	43.20 0.29 -1.80	40.16 0.38 -1.62	33.38 0.22 -2.04	30.67 0.39 -2.51	30.74 0.34 -2.48	29.47 0.49 -2.89	30.43 0.29 -3.97	45.08 0.70 -3.15	50.48 0.83 -3.76	49.61 0.85 -4.00	47.39 1.23 -2.19	39.37 0.22 -1.97	35.89 0.17 -1.86	27.59 0.51 -2.72
OCC_CHEM____DRP 24175	32.47 -1.13 -2.92	34.51 -0.70 -2.11	27.54 -0.60 -3.05	20.03 -0.27 -4.40	28.13 -0.78 -2.91	32.56 -0.93 -2.49	42.51 -1.44 -2.84	48.26 -1.43 -3.66	47.18 -1.67 -3.66	42.40 -1.65 -2.81	41.20 -2.14 -2.23	38.23 -1.91 -1.98	32.20 -1.37 -2.45	29.81 -0.97 -3.01	29.81 -1.09 -2.98	28.75 -0.81 -3.47	29.80 -1.15 -4.78	43.53 -1.48 -3.78	48.54 -1.88 -4.52	47.78 -1.79 -4.81	45.59 -1.01 -2.63	37.49 -2.04 -2.36	34.32 -1.76 -2.22	27.11 -0.58 -3.34
OH_GEN_PROXY 24063	33.30 -0.25 -2.87	35.40 0.23 -2.07	28.19 0.10 -3.00	20.40 0.18 -4.32	28.80 -0.05 -2.86	33.38 -0.06 -2.44	43.69 -0.25 -2.83	49.59 -0.09 -3.65	48.53 -0.31 -3.65	43.58 -0.41 -2.75	42.35 -0.94 -2.18	39.36 -0.76 -1.97	33.10 -0.50 -2.48	30.63 -0.19 -3.05	30.63 -0.31 -3.01	29.49 -0.10 -3.51	30.60 -0.39 -4.82	44.77 -0.29 -3.82	50.00 -0.46 -4.56	49.21 -0.40 -4.85	46.89 0.27 -2.66	38.64 -0.93 -2.39	35.30 -0.81 -2.25	27.74 0.10 -3.29
OLIN_CORP_DRP 24177	33.19 -0.43 -2.94	35.22 0.00 -2.12	28.14 -0.03 -3.07	20.44 0.11 -4.43	28.71 -0.21 -2.93	33.22 -0.28 -2.50	43.18 -0.82 -2.89	49.03 -0.74 -3.74	47.97 -0.95 -3.73	43.06 -0.99 -2.82	41.82 -1.52 -2.23	38.83 -1.34 -2.01	32.72 -0.93 -2.53	30.30 -0.58 -3.11	30.30 -0.70 -3.08	29.20 -0.47 -3.58	30.31 -0.39 -4.92	44.19 -0.95 -3.90	49.36 -1.19 -4.66	48.55 -1.16 -4.96	46.29 -0.40 -2.72	38.09 -1.53 -2.44	34.84 -1.32 -2.30	27.62 -0.10 -3.36
OLIN_CORP_DSASP 323712	32.47 -1.13 -2.92	34.51 -0.70 -2.11	27.54 -0.60 -3.05	20.03 -0.27 -4.40	28.13 -0.78 -2.91	32.56 -0.93 -2.49	42.51 -1.44 -2.84	48.26 -1.43 -3.66	47.18 -1.67 -3.66	42.40 -1.65 -2.81	41.20 -2.14 -2.23	38.23 -1.91 -1.98	32.20 -1.37 -2.45	29.81 -0.97 -3.01	29.81 -1.09 -2.98	28.75 -0.81 -3.47	29.80 -1.15 -4.78	43.53 -1.48 -3.78	48.54 -1.88 -4.52	47.78 -1.79 -4.81	45.59 -1.01 -2.63	37.49 -2.04 -2.36	34.32 -1.76 -2.22	27.11 -0.58 -3.34
ONEIDA_HERK_LFGE 323681	31.99 0.55 -0.76	34.21 0.56 -0.55	26.31 0.43 -0.79	17.35 0.30 -1.14	27.22 0.47 -0.76	32.30 0.65 -0.65	42.60 0.74 -0.75	47.92 0.92 -0.96	46.99 0.81 -0.98	42.76 0.78 -0.74	42.35 0.66 -0.59	39.29 0.61 -0.53	32.28 0.50 -0.66	28.95 0.36 -0.82	29.12 0.39 -0.81	27.36 0.34 -0.94	27.80 0.34 -1.29	42.79 0.53 -1.02	47.95 0.83 -1.22	46.91 0.85 -1.30	45.43 0.75 -0.71	38.37 0.56 -0.64	34.91 0.44 -0.60	25.57 0.32 -0.90
ONONDAGA_REF_OCCRA 23987	33.11 0.31 -2.12	35.03 0.40 -1.53	27.56 0.25 -2.22	19.30 0.19 -3.20	28.32 0.21 -2.12	33.12 0.31 -1.81	43.65 0.45 -2.09	49.43 0.69 -2.70	48.61 0.59 -2.83	43.95 0.58 -2.13	43.29 0.50 -1.69	40.10 0.42 -1.53	33.38 0.34 -1.92	30.49 0.36 -2.36	30.64 0.39 -2.33	29.17 0.37 -2.72	30.24 0.34 -3.73	44.77 0.58 -2.96	50.21 0.78 -3.53	49.23 0.71 -3.76	46.82 0.79 -2.06	39.36 0.33 -1.85	35.85 0.24 -1.74	27.16 0.27 -2.54
ONONDAGA____COGEN 23986	33.03 0.37 -1.98	34.99 0.46 -1.43	27.44 0.28 -2.07	19.11 0.22 -2.98	28.23 0.26 -1.97	33.03 0.34 -1.69	43.56 0.50 -1.95	49.29 0.73 -2.52	48.50 0.68 -2.63	43.84 0.62 -1.98	43.21 0.53 -1.57	40.03 0.46 -1.42	33.28 0.37 -1.78	30.35 0.39 -2.19	30.51 0.42 -2.17	29.00 0.39 -2.52	30.00 0.37 -3.47	44.56 0.58 -2.74	49.96 0.78 -3.28	48.96 0.71 -3.49	46.71 0.83 -1.91	39.27 0.37 -1.72	35.75 0.27 -1.62	27.01 0.29 -2.36



ONTARIO___LFGE 23819	34.09 0.77 -2.65	36.00 0.99 -1.91	28.48 0.63 -2.77	20.37 0.48 -3.99	29.20 0.57 -2.64	34.09 0.84 -2.26	44.83 1.11 -2.61	51.06 1.65 -3.37	50.19 1.58 -3.42	45.17 1.36 -2.58	44.22 1.07 -2.04	40.95 0.95 -1.84	34.18 0.75 -2.32	31.43 0.81 -2.85	31.58 0.84 -2.82	30.23 0.86 -3.29	31.47 0.78 -4.51	46.21 1.40 -3.58	51.96 1.79 -4.27	51.01 1.70 -4.54	48.35 1.89 -2.49	40.27 0.86 -2.24	36.65 0.68 -2.11	28.29 0.76 -3.17
ORANGEVILLE_WT_PWR 323706	34.55 0.43 -3.44	36.38 0.79 -2.48	29.21 0.53 -3.60	21.50 0.41 -5.18	29.76 0.34 -3.43	34.33 0.40 -2.93	44.99 0.50 -3.39	51.38 0.97 -4.38	50.32 0.86 -4.27	45.20 0.74 -3.23	43.87 0.21 -2.55	40.58 0.11 -2.31	34.17 0.16 -2.90	31.73 0.39 -3.56	31.75 0.31 -3.53	30.61 0.42 -4.11	32.04 0.23 -5.64	46.44 0.74 -4.47	52.15 0.92 -5.34	51.33 0.89 -5.68	48.49 1.41 -3.11	40.01 0.04 -2.80	36.53 0.03 -2.64	28.78 0.58 -3.84
ORANGEVILLE___ESR 323794	34.55 0.43 -3.44	36.38 0.79 -2.48	29.21 0.53 -3.60	21.50 0.41 -5.18	29.76 0.34 -3.43	34.33 0.40 -2.93	44.99 0.50 -3.39	51.38 0.97 -4.38	50.32 0.86 -4.27	45.20 0.74 -3.23	43.87 0.21 -2.55	40.58 0.11 -2.31	34.17 0.16 -2.90	31.73 0.39 -3.56	31.75 0.31 -3.53	30.61 0.42 -4.11	32.04 0.23 -5.64	46.44 0.74 -4.47	52.15 0.92 -5.34	51.33 0.89 -5.68	48.49 1.41 -3.11	40.01 0.04 -2.80	36.53 0.03 -2.64	28.78 0.58 -3.84
OSWEGATCHIE___HYD 24044	31.11 -0.15 -0.59	33.26 -0.27 -0.42	25.60 -0.10 -0.61	16.69 -0.09 -0.88	26.52 -0.05 -0.58	31.41 -0.09 -0.50	41.56 -0.12 -0.58	46.55 -0.23 -0.75	45.51 -0.41 -0.72	41.49 -0.29 -0.54	41.13 -0.41 -0.43	38.16 -0.38 -0.39	31.30 -0.31 -0.49	27.90 -0.47 -0.60	27.98 -0.53 -0.60	26.00 -0.78 -0.69	26.44 -0.68 -0.95	40.96 -1.03 -0.75	45.83 -0.97 -0.90	44.69 -1.03 -0.96	43.26 -1.23 -0.53	37.20 -0.44 -0.47	34.04 -0.27 -0.45	24.77 -0.29 -0.71
OSWEGO___5 23606	32.04 -0.09 -1.46	34.09 -0.07 -1.05	26.51 -0.10 -1.52	18.07 -0.03 -2.19	27.31 -0.13 -1.45	32.12 -0.12 -1.24	42.38 -0.16 -1.43	47.84 -0.05 -1.85	47.04 -0.09 -1.94	42.61 -0.08 -1.46	42.10 -0.16 -1.16	39.05 -0.15 -1.04	32.31 -0.12 -1.31	29.30 -0.08 -1.62	29.43 -0.08 -1.60	27.89 -0.05 -1.86	28.65 -0.08 -2.56	43.14 -0.12 -2.02	48.27 -0.05 -2.42	47.24 -0.09 -2.57	45.38 0.00 -1.41	38.22 -0.22 -1.27	34.82 -0.24 -1.19	26.01 -0.07 -1.73
OSWEGO___6 23613	32.04 -0.09 -1.46	34.09 -0.07 -1.05	26.51 -0.10 -1.52	18.07 -0.03 -2.19	27.31 -0.13 -1.45	32.12 -0.12 -1.24	42.38 -0.16 -1.43	47.84 -0.05 -1.85	47.04 -0.09 -1.94	42.61 -0.08 -1.46	42.10 -0.16 -1.16	39.05 -0.15 -1.04	32.31 -0.12 -1.31	29.30 -0.08 -1.62	29.43 -0.08 -1.60	27.89 -0.05 -1.86	28.65 -0.08 -2.56	43.14 -0.12 -2.02	48.27 -0.05 -2.42	47.24 -0.09 -2.57	45.38 0.00 -1.41	38.22 -0.22 -1.27	34.82 -0.24 -1.19	26.01 -0.07 -1.73
OUTOKUMPU-AB___DRP 24206	33.59 -0.06 -2.98	35.65 0.40 -2.14	28.42 0.23 -3.11	20.64 0.25 -4.48	29.01 0.05 -2.97	33.60 0.06 -2.53	43.90 0.12 -2.92	50.03 0.23 -3.77	48.91 -0.05 -3.76	43.92 -0.16 -2.85	42.71 -0.66 -2.26	39.65 -0.53 -2.03	33.32 -0.34 -2.54	30.90 0.00 -3.13	30.87 -0.14 -3.09	29.71 0.03 -3.60	30.83 -0.29 -4.95	45.03 -0.12 -3.92	50.26 -0.32 -4.68	49.48 -0.27 -4.98	47.18 0.48 -2.73	38.81 -0.82 -2.45	35.43 -0.75 -2.31	27.94 0.19 -3.39
OXBOW___ 24026	33.07 -0.55 -2.95	35.13 -0.10 -2.12	28.02 -0.15 -3.08	20.36 0.02 -4.44	28.62 -0.31 -2.94	33.11 -0.40 -2.51	43.29 -0.70 -2.88	49.24 -0.51 -3.71	48.13 -0.77 -3.71	43.28 -0.78 -2.83	42.04 -1.32 -2.24	39.02 -1.14 -2.01	32.84 -0.78 -2.49	30.43 -0.42 -3.07	30.40 -0.56 -3.04	29.28 -0.34 -3.54	30.38 -0.65 -4.87	44.34 -0.74 -3.85	49.49 -1.01 -4.60	48.72 -0.94 -4.90	46.47 -0.18 -2.68	38.21 -1.37 -2.41	34.94 -1.19 -2.27	27.58 -0.15 -3.37
OXY_CHEM_DSASP 323612	32.47 -1.13 -2.92	34.51 -0.70 -2.11	27.54 -0.60 -3.05	20.03 -0.27 -4.40	28.13 -0.78 -2.91	32.56 -0.93 -2.49	42.51 -1.44 -2.84	48.26 -1.43 -3.66	47.18 -1.67 -3.66	42.40 -1.65 -2.81	41.20 -2.14 -2.23	38.23 -1.91 -1.98	32.20 -1.37 -2.45	29.81 -0.97 -3.01	29.81 -1.09 -2.98	28.75 -0.81 -3.47	29.80 -1.15 -4.78	43.53 -1.48 -3.78	48.54 -1.88 -4.52	47.78 -1.79 -4.81	45.59 -1.01 -2.63	37.49 -2.04 -2.36	34.32 -1.76 -2.22	27.11 -0.58 -3.34
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.47 -1.13 -2.92	34.51 -0.70 -2.11	27.54 -0.60 -3.05	20.03 -0.27 -4.40	28.13 -0.78 -2.91	32.56 -0.93 -2.49	42.51 -1.44 -2.84	48.26 -1.43 -3.66	47.18 -1.67 -3.66	42.40 -1.65 -2.81	41.20 -2.14 -2.23	38.23 -1.91 -1.98	32.20 -1.37 -2.45	29.81 -0.97 -3.01	29.81 -1.09 -2.98	28.75 -0.81 -3.47	29.80 -1.15 -4.78	43.53 -1.48 -3.78	48.54 -1.88 -4.52	47.78 -1.79 -4.81	45.59 -1.01 -2.63	37.49 -2.04 -2.36	34.32 -1.76 -2.22	27.11 -0.58 -3.34
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.47 2.18 -17.62	48.08 2.28 -12.69	45.20 1.71 -18.41	43.50 1.08 -26.52	45.34 1.79 -17.56	48.18 2.17 -15.01	61.37 2.92 -17.35	71.61 3.17 -22.40	71.84 3.12 -23.53	61.94 2.84 -17.86	58.12 2.83 -14.17	53.74 2.60 -12.99	49.70 2.12 -16.46	49.83 1.91 -20.14	49.78 1.92 -19.93	51.03 1.83 -23.12	59.14 1.89 -31.08	68.81 2.97 -24.61	78.64 3.35 -29.39	79.46 3.45 -31.25	64.38 3.25 -17.16	55.26 2.64 -15.45	50.88 2.40 -14.61	47.33 1.70 -21.27
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	50.84 2.54 -17.62	48.48 2.68 -12.69	45.55 2.06 -18.41	43.69 1.27 -26.52	45.66 2.10 -17.56	48.74 2.73 -15.01	61.87 3.41 -17.35	72.16 3.73 -22.40	72.38 3.66 -23.53	62.39 3.30 -17.86	58.57 3.29 -14.17	54.12 2.98 -12.99	50.01 2.43 -16.46	50.11 2.19 -20.14	50.06 2.21 -19.93	51.32 2.11 -23.12	59.40 2.15 -31.08	69.23 3.38 -24.61	79.14 3.86 -29.39	79.95 3.94 -31.25	64.86 3.73 -17.16	55.67 3.05 -15.45	51.22 2.74 -14.61	47.65 2.02 -21.27
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.86 -0.03 -3.21	35.75 0.33 -2.31	28.62 0.18 -3.35	20.94 0.21 -4.83	29.19 0.00 -3.20	33.77 0.03 -2.73	44.23 -0.04 -3.16	50.62 0.51 -4.08	49.39 0.14 -4.07	44.39 0.08 -3.07	43.17 -0.37 -2.43	40.00 -0.34 -2.19	33.72 -0.15 -2.76	31.30 0.14 -3.39	31.25 -0.03 -3.35	30.07 0.08 -3.90	31.35 -0.18 -5.37	45.57 0.08 -4.25	50.97 0.00 -5.08	50.21 0.04 -5.40	47.54 0.62 -2.96	39.17 -0.67 -2.66	35.69 -0.68 -2.51	28.16 0.15 -3.66
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.44 1.97 -17.80	47.91 1.99 -12.82	45.24 1.56 -18.59	43.66 0.97 -26.78	45.34 1.61 -17.73	48.05 1.89 -15.16	61.18 2.55 -17.52	71.61 2.95 -22.63	71.89 2.94 -23.76	61.77 2.60 -17.93	57.90 2.59 -14.20	53.30 2.33 -12.82	49.04 1.80 -16.12	49.18 1.58 -19.83	49.24 1.70 -19.61	50.46 1.54 -22.83	59.22 1.68 -31.37	68.75 2.68 -24.84	78.79 3.21 -29.69	79.56 3.22 -31.57	64.18 2.90 -17.32	55.01 2.27 -15.57	50.55 2.03 -14.66	47.28 1.54 -21.38
PEEKSKILL____ 23653	49.86 1.75 -17.43	47.51 1.85 -12.56	44.68 1.38 -18.21	43.02 0.87 -26.24	44.82 1.45 -17.37	47.58 1.73 -14.85	60.61 2.34 -17.16	70.83 2.62 -22.17	71.05 2.57 -23.28	61.07 2.27 -17.57	57.32 2.30 -13.91	52.77 2.06 -12.56	48.62 1.71 -15.79	48.72 1.53 -19.42	48.70 1.56 -19.21	49.91 1.46 -22.37	58.42 1.52 -30.73	67.96 2.39 -24.34	77.82 2.85 -29.08	78.60 2.91 -30.93	63.61 2.68 -16.96	54.58 2.16 -15.25	50.19 1.96 -14.36	46.72 1.41 -20.95



PGE MADISON___WINDPWR 24146	38.36 2.48 -5.20	39.50 2.65 -3.75	32.43 1.91 -5.43	25.05 1.32 -7.83	33.18 2.00 -5.18	38.10 2.67 -4.43	49.52 3.29 -5.12	56.84 4.19 -6.62	56.01 3.84 -6.98	50.08 3.59 -5.26	48.44 3.17 -4.17	44.82 2.90 -3.76	38.25 2.40 -4.73	35.56 1.97 -5.82	35.80 2.12 -5.76	34.85 2.06 -6.70	37.42 2.04 -9.21	51.91 3.38 -7.29	59.11 4.50 -8.71	58.46 4.43 -9.27	53.36 4.31 -5.08	44.72 2.98 -4.57	40.54 2.37 -4.30	32.36 1.75 -6.25
PIERCEFIELD___HYD 23852	30.06 -0.61 0.00	32.28 -0.83 0.00	24.64 -0.45 0.00	15.51 -0.40 0.00	25.57 -0.42 0.00	30.44 -0.56 0.00	40.37 -0.74 0.00	44.97 -1.06 0.00	44.06 -1.13 0.00	40.33 -0.91 0.00	40.20 -0.90 0.00	37.28 -0.88 0.00	30.41 -0.71 0.00	26.97 -0.81 0.00	27.00 -0.92 0.00	24.83 -1.25 0.00	25.07 -1.10 0.00	39.54 -1.69 0.00	43.97 -1.93 0.00	42.70 -2.06 0.00	41.63 -2.33 0.00	36.21 -0.97 0.00	33.22 -0.64 0.00	23.77 -0.58 0.00
PINELAWN_CC_1 323563	67.70 2.82 -34.20	54.79 2.98 -18.70	49.50 2.28 -22.13	49.59 1.45 -32.24	49.41 2.39 -21.03	48.88 2.79 -15.09	67.86 3.86 -22.89	72.72 4.28 -22.41	73.01 4.30 -23.52	70.44 3.84 -25.37	68.54 3.62 -23.81	67.56 3.28 -26.12	65.60 2.74 -31.74	65.31 2.47 -35.06	65.24 2.51 -34.81	68.37 2.35 -39.93	75.30 2.43 -46.69	77.92 3.71 -32.97	115.93 4.31 -65.72	90.89 4.30 -41.83	82.55 4.13 -34.45	70.87 3.38 -30.32	64.31 3.22 -27.22	63.06 2.34 -36.37
PJM_GEN_HTP_PROXY 323702	50.37 2.09 -17.61	47.94 2.15 -12.69	45.11 1.63 -18.39	43.44 1.03 -26.50	45.28 1.74 -17.55	48.12 2.11 -15.01	61.25 2.80 -17.35	71.69 3.08 -22.57	72.17 3.07 -23.90	63.85 2.76 -19.85	60.27 2.75 -16.41	58.91 2.52 -18.24	58.46 2.09 -25.25	58.71 1.86 -29.08	58.70 1.90 -28.88	59.92 1.77 -32.06	59.82 1.83 -31.83	69.22 2.84 -25.14	78.69 3.35 -29.44	79.38 3.36 -31.26	64.84 3.17 -17.71	55.77 2.56 -16.03	52.81 2.37 -16.58	49.09 1.73 -23.01
PJM_GEN_KEystone 24065	42.48 0.89 -10.91	42.09 1.13 -7.86	37.29 0.80 -11.40	32.87 0.54 -16.42	37.64 0.78 -10.87	41.26 0.96 -9.29	53.08 1.23 -10.74	61.64 1.52 -14.09	61.45 1.31 -14.94	54.20 1.15 -11.81	51.70 0.95 -9.65	48.06 0.84 -9.06	43.20 0.78 -11.30	42.13 0.81 -13.55	42.10 0.75 -13.43	42.11 0.76 -15.27	46.88 0.65 -20.06	58.24 1.20 -15.81	65.48 1.42 -18.16	65.56 1.57 -19.24	56.84 1.63 -11.24	48.24 0.82 -10.24	44.29 0.74 -9.68	38.38 0.80 -13.23
PJM_GEN_NEPTUNE_PROXY 323594	59.83 2.39 -26.76	51.61 2.55 -15.95	47.48 1.93 -20.46	46.82 1.24 -29.67	47.49 2.03 -19.47	48.47 2.42 -15.05	64.80 3.29 -20.40	71.98 3.54 -22.41	72.33 3.62 -23.52	66.34 3.22 -21.88	63.51 3.04 -19.36	60.86 2.82 -19.88	57.72 2.34 -24.26	57.62 2.11 -27.74	57.54 2.12 -27.50	59.82 1.98 -31.75	67.89 2.04 -39.68	73.58 3.13 -29.21	98.94 3.63 -49.42	85.52 3.67 -37.09	74.13 3.47 -26.69	63.67 2.86 -23.63	58.06 2.74 -21.45	55.82 2.00 -29.47
PJM_GEN_VFT_PROXY 323633	50.36 2.06 -17.63	47.96 2.15 -12.70	45.07 1.58 -18.40	43.43 1.02 -26.51	45.23 1.69 -17.55	48.09 2.08 -15.02	61.22 2.75 -17.35	74.61 3.08 -25.49	78.53 3.03 -30.31	74.48 2.76 -30.49	72.25 2.75 -28.39	71.30 2.48 -30.67	70.41 2.05 -37.24	70.41 1.86 -40.78	70.47 1.87 -40.68	70.02 1.77 -42.16	72.77 1.80 -44.80	78.47 2.81 -34.43	79.90 3.40 -30.61	79.68 3.40 -31.52	74.33 3.17 -27.20	66.13 2.56 -26.39	61.58 2.40 -25.31	50.29 1.73 -24.21
PLEASANTVLY___LBMP 24000	50.59 1.47 -18.44	47.94 1.56 -13.28	45.53 1.18 -19.26	44.42 0.76 -27.75	45.62 1.25 -18.38	48.19 1.49 -15.71	61.24 1.97 -18.15	71.69 2.21 -23.45	72.03 2.21 -24.62	61.80 1.98 -18.58	57.79 1.97 -14.71	53.27 1.83 -13.28	49.31 1.49 -16.70	49.65 1.33 -20.54	49.61 1.37 -20.32	51.02 1.28 -23.66	59.98 1.31 -32.50	69.03 2.06 -25.74	79.08 2.43 -30.76	79.89 2.42 -32.71	64.19 2.28 -17.94	55.12 1.82 -16.13	50.74 1.69 -15.19	47.71 1.19 -22.16
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.25 1.84 -17.73	47.83 1.95 -12.77	45.07 1.45 -18.52	43.52 0.92 -26.69	45.17 1.51 -17.67	47.93 1.83 -15.10	61.03 2.47 -17.46	71.35 2.76 -22.55	71.63 2.76 -23.68	61.43 2.43 -17.76	57.60 2.47 -14.03	52.79 2.21 -12.42	48.39 1.84 -15.43	48.53 1.64 -19.12	48.50 1.68 -18.90	49.78 1.59 -22.10	59.08 1.65 -31.26	68.55 2.56 -24.75	78.46 2.98 -29.58	79.22 3.00 -31.46	64.08 2.86 -17.25	54.99 2.31 -15.51	50.42 2.07 -14.49	47.02 1.49 -21.18
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.41 1.69 -18.05	47.89 1.79 -13.00	45.32 1.38 -18.85	43.96 0.89 -27.16	45.43 1.45 -17.98	48.08 1.70 -15.37	61.14 2.26 -17.77	71.52 2.53 -22.95	71.91 2.62 -24.10	61.69 2.27 -18.19	57.72 2.22 -14.40	53.21 2.06 -13.00	49.08 1.62 -16.34	49.32 1.44 -20.11	49.32 1.51 -19.89	50.67 1.43 -23.15	59.50 1.52 -31.81	68.86 2.43 -25.19	78.85 2.85 -30.10	79.64 2.87 -32.02	64.12 2.59 -17.56	55.04 2.08 -15.78	50.62 1.90 -14.86	47.40 1.36 -21.68
POLETTI___ 23519	50.42 2.12 -17.63	48.02 2.22 -12.70	45.14 1.66 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.15 2.14 -15.02	61.26 2.80 -17.35	74.64 3.13 -25.48	74.50 3.07 -26.23	74.47 2.76 -30.47	59.00 2.75 -15.14	62.00 2.52 -21.33	62.00 2.05 -28.83	61.75 1.86 -32.12	61.75 1.90 -31.93	62.41 1.77 -34.55	68.97 1.83 -40.97	73.58 2.84 -29.50	79.84 3.35 -30.59	79.36 3.36 -31.24	74.31 3.17 -27.18	64.53 2.56 -24.79	61.55 2.37 -25.31	50.29 1.73 -24.20
PORT_JEFF_3 23555	67.76 2.88 -34.20	54.85 3.04 -18.70	49.56 2.33 -22.13	49.68 1.54 -32.24	49.54 2.52 -21.03	49.00 2.91 -15.09	68.07 4.07 -22.89	72.95 4.51 -22.41	73.28 4.56 -23.52	70.68 4.08 -25.37	68.70 3.78 -23.81	67.83 3.55 -26.12	65.82 2.96 -31.74	65.42 2.58 -35.06	65.33 2.60 -34.81	68.47 2.45 -39.93	75.43 2.57 -46.69	78.12 3.92 -32.97	116.16 4.54 -65.72	91.11 4.52 -41.83	82.77 4.35 -34.45	71.06 3.57 -30.32	64.51 3.42 -27.22	63.26 2.53 -36.37
PORT_JEFF_4 23616	67.76 2.88 -34.20	54.85 3.04 -18.70	49.56 2.33 -22.13	49.68 1.54 -32.24	49.54 2.52 -21.03	49.00 2.91 -15.09	68.07 4.07 -22.89	72.95 4.51 -22.41	73.28 4.56 -23.52	70.68 4.08 -25.37	68.70 3.78 -23.81	67.83 3.55 -26.12	65.82 2.96 -31.74	65.42 2.58 -35.06	65.33 2.60 -34.81	68.47 2.45 -39.93	75.43 2.57 -46.69	78.12 3.92 -32.97	116.16 4.54 -65.72	91.11 4.52 -41.83	82.77 4.35 -34.45	71.06 3.57 -30.32	64.51 3.42 -27.22	63.26 2.53 -36.37
PORT_JEFF_IC 23713	67.82 2.95 -34.20	54.92 3.11 -18.70	49.61 2.38 -22.13	49.70 1.56 -32.24	49.60 2.57 -21.03	49.04 2.95 -15.09	68.15 4.15 -22.89	73.04 4.60 -22.41	73.37 4.66 -23.52	70.76 4.16 -25.37	68.78 3.86 -23.81	67.87 3.59 -26.12	65.85 2.99 -31.74	65.45 2.61 -35.06	65.35 2.62 -34.81	68.52 2.50 -39.93	75.48 2.62 -46.69	78.20 4.00 -32.97	116.25 4.63 -65.72	91.25 4.66 -41.83	82.86 4.44 -34.45	71.14 3.65 -30.32	64.58 3.49 -27.22	63.31 2.58 -36.37
PPL PILGRIM_ST_GT1 24216	67.92 3.04 -34.20	55.02 3.21 -18.70	49.68 2.46 -22.13	49.72 1.57 -32.24	49.62 2.60 -21.03	49.13 3.04 -15.09	68.20 4.20 -22.89	73.08 4.65 -22.41	73.37 4.66 -23.52	70.76 4.16 -25.37	68.78 3.86 -23.81	67.91 3.63 -26.12	65.85 2.99 -31.74	65.50 2.67 -35.06	65.41 2.68 -34.81	68.55 2.53 -39.93	75.48 2.62 -46.69	77.92 3.71 -32.97	115.75 4.13 -65.72	90.75 4.16 -41.83	82.68 4.26 -34.45	71.14 3.65 -30.32	64.58 3.49 -27.22	63.28 2.56 -36.37



PPL PILGRIM_ST_GT2 24217	67.92 3.04 -34.20	55.02 3.21 -18.70	49.68 2.46 -22.13	49.72 1.57 -32.24	49.62 2.60 -21.03	49.13 3.04 -15.09	68.20 4.20 -22.89	73.08 4.65 -22.41	73.37 4.66 -23.52	70.76 4.16 -25.37	68.78 3.86 -23.81	67.91 3.63 -26.12	65.85 2.99 -31.74	65.50 2.67 -35.06	65.41 2.68 -34.81	68.55 2.53 -39.93	75.48 2.62 -46.69	77.92 3.71 -32.97	115.75 4.13 -65.72	90.75 4.16 -41.83	82.68 4.26 -34.45	71.14 3.65 -30.32	64.58 3.49 -27.22	63.28 2.56 -36.37
PPL_SHRM_GT3 24213	67.98 3.10 -34.20	55.09 3.28 -18.70	49.73 2.51 -22.13	49.76 1.62 -32.24	49.70 2.68 -21.03	49.16 3.07 -15.09	68.32 4.32 -22.89	73.27 4.83 -22.41	73.64 4.93 -23.52	71.01 4.41 -25.37	68.99 4.07 -23.81	68.10 3.82 -26.12	66.09 3.24 -31.74	65.61 2.78 -35.06	65.47 2.74 -34.81	68.65 2.63 -39.93	75.69 2.83 -46.69	78.49 4.29 -32.97	116.57 4.96 -65.72	91.51 4.92 -41.83	83.13 4.71 -34.45	71.36 3.87 -30.32	64.75 3.66 -27.22	63.43 2.70 -36.37
PPL_SHRM_GT4 24214	67.98 3.10 -34.20	55.09 3.28 -18.70	49.73 2.51 -22.13	49.76 1.62 -32.24	49.70 2.68 -21.03	49.16 3.07 -15.09	68.32 4.32 -22.89	73.27 4.83 -22.41	73.64 4.93 -23.52	71.01 4.41 -25.37	68.99 4.07 -23.81	68.10 3.82 -26.12	66.09 3.24 -31.74	65.61 2.78 -35.06	65.47 2.74 -34.81	68.65 2.63 -39.93	75.69 2.83 -46.69	78.49 4.29 -32.97	116.57 4.96 -65.72	91.51 4.92 -41.83	83.13 4.71 -34.45	71.36 3.87 -30.32	64.75 3.66 -27.22	63.43 2.70 -36.37
PROJECT___ORANGE 1 24174	32.73 0.28 -1.78	34.75 0.36 -1.28	27.15 0.20 -1.86	18.75 0.16 -2.68	27.95 0.18 -1.78	32.76 0.25 -1.52	43.19 0.33 -1.75	48.89 0.60 -2.27	48.06 0.50 -2.37	43.48 0.45 -1.79	42.89 0.37 -1.41	39.78 0.34 -1.28	33.01 0.28 -1.61	30.03 0.28 -1.98	30.18 0.31 -1.95	28.67 0.31 -2.28	29.56 0.26 -3.13	44.16 0.45 -2.48	49.50 0.64 -2.96	48.49 0.58 -3.15	46.35 0.66 -1.73	38.95 0.22 -1.55	35.49 0.17 -1.46	26.70 0.22 -2.13
PROJECT___ORANGE 2 24166	32.73 0.28 -1.78	34.75 0.36 -1.28	27.15 0.20 -1.86	18.75 0.16 -2.68	27.95 0.18 -1.78	32.76 0.25 -1.52	43.19 0.33 -1.75	48.89 0.60 -2.27	48.06 0.50 -2.37	43.48 0.45 -1.79	42.89 0.37 -1.41	39.78 0.34 -1.28	33.01 0.28 -1.61	30.03 0.28 -1.98	30.18 0.31 -1.95	28.67 0.31 -2.28	29.56 0.26 -3.13	44.16 0.45 -2.48	49.50 0.64 -2.96	48.49 0.58 -3.15	46.35 0.66 -1.73	38.95 0.22 -1.55	35.49 0.17 -1.46	26.70 0.22 -2.13
PUCKETT___SOLAR 323809	37.47 1.04 -5.75	38.47 1.23 -4.14	31.95 0.85 -6.01	25.15 0.59 -8.66	32.56 0.83 -5.73	36.98 1.08 -4.90	48.17 1.40 -5.66	55.19 1.84 -7.32	54.63 1.67 -7.76	48.62 1.53 -5.86	47.06 1.32 -4.64	43.56 1.22 -4.19	37.41 1.03 -5.27	35.17 0.92 -6.48	35.28 0.95 -6.41	34.48 0.94 -7.46	37.31 0.89 -10.25	50.83 1.48 -8.12	57.52 1.93 -9.70	56.96 1.88 -10.32	51.56 1.93 -5.66	43.45 1.19 -5.09	39.64 0.98 -4.79	32.15 0.83 -6.97
PYRITES___HYD 24023	30.22 -0.46 0.00	32.44 -0.66 0.00	24.76 -0.33 0.00	15.60 -0.30 0.00	25.71 -0.29 0.00	30.66 -0.34 0.00	40.62 -0.49 0.00	45.25 -0.78 0.00	44.29 -0.90 0.00	40.53 -0.70 0.00	40.37 -0.74 0.00	37.47 -0.69 0.00	30.56 -0.56 0.00	27.08 -0.69 0.00	27.17 -0.75 0.00	25.07 -1.02 0.00	25.33 -0.84 0.00	39.96 -1.28 0.00	44.43 -1.47 0.00	43.19 -1.57 0.00	42.08 -1.89 0.00	36.51 -0.67 0.00	33.39 -0.47 0.00	23.87 -0.49 0.00
RAMAPO___LBMP 323565	49.28 1.69 -16.91	47.04 1.75 -12.18	44.09 1.33 -17.67	42.20 0.84 -25.46	44.22 1.38 -16.86	47.08 1.67 -14.41	60.02 2.26 -16.65	70.03 2.48 -21.51	70.22 2.44 -22.59	60.42 2.14 -17.05	56.70 2.10 -13.49	52.25 1.91 -12.18	48.02 1.59 -15.32	48.03 1.42 -18.85	48.01 1.45 -18.64	49.14 1.36 -21.70	57.40 1.41 -29.82	67.07 2.23 -23.61	76.77 2.66 -28.22	77.55 2.78 -30.01	62.97 2.55 -16.46	54.01 2.04 -14.80	49.66 1.86 -13.93	46.02 1.34 -20.32
RANKINE____ 23646	34.12 0.31 -3.14	36.09 0.73 -2.26	28.85 0.48 -3.28	21.03 0.40 -4.73	29.41 0.29 -3.13	34.05 0.37 -2.68	44.57 0.37 -3.09	50.90 0.87 -3.99	49.75 0.59 -3.97	44.69 0.45 -3.00	43.44 -0.04 -2.38	40.30 0.00 -2.14	33.91 0.09 -2.69	31.45 0.36 -3.31	31.42 0.22 -3.28	30.24 0.34 -3.82	31.49 0.08 -5.24	45.84 0.45 -4.15	51.27 0.41 -4.96	50.44 0.40 -5.28	47.96 1.10 -2.89	39.48 -0.30 -2.60	36.01 -0.31 -2.45	28.39 0.46 -3.58
RAVENSWOOD_GT2_1 24244	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.49 1.08 -26.51	45.34 1.79 -17.55	48.19 2.17 -15.02	61.34 2.88 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	73.03 2.60 -32.28	73.20 2.15 -39.93	73.21 1.91 -43.52	73.30 1.95 -43.43	72.82 1.83 -44.91	73.08 1.89 -45.02	78.76 2.93 -34.59	79.97 3.44 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT2_2 24245	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.49 1.08 -26.51	45.34 1.79 -17.55	48.19 2.17 -15.02	61.34 2.88 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	73.03 2.60 -32.28	73.20 2.15 -39.93	73.21 1.91 -43.52	73.30 1.95 -43.43	72.82 1.83 -44.91	73.08 1.89 -45.02	78.76 2.93 -34.59	79.97 3.44 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT2_3 24246	50.48 2.18 -17.63	48.09 2.28 -12.70	45.19 1.71 -18.40	43.49 1.08 -26.51	45.34 1.79 -17.55	48.19 2.17 -15.02	61.39 2.92 -17.36	74.80 3.22 -25.54	78.82 3.21 -30.42	75.22 2.89 -31.10	73.06 2.88 -29.07	73.06 2.63 -32.28	73.20 2.15 -39.93	73.24 1.94 -43.52	73.33 1.98 -43.43	72.84 1.85 -44.91	73.08 1.89 -45.02	78.80 2.97 -34.59	79.97 3.44 -30.63	79.78 3.49 -31.53	74.63 3.30 -27.36	66.42 2.68 -26.57	62.22 2.44 -25.92	50.87 1.78 -24.74
RAVENSWOOD_GT2_4 24247	50.48 2.18 -17.63	48.09 2.28 -12.70	45.19 1.71 -18.40	43.49 1.08 -26.51	45.34 1.79 -17.55	48.19 2.17 -15.02	61.39 2.92 -17.36	74.80 3.22 -25.54	78.82 3.21 -30.42	75.22 2.89 -31.10	73.06 2.88 -29.07	73.06 2.63 -32.28	73.20 2.15 -39.93	73.24 1.94 -43.52	73.33 1.98 -43.43	72.84 1.85 -44.91	73.08 1.89 -45.02	78.80 2.97 -34.59	79.97 3.44 -30.63	79.78 3.49 -31.53	74.63 3.30 -27.36	66.42 2.68 -26.57	62.22 2.44 -25.92	50.87 1.78 -24.74
RAVENSWOOD_GT3_1 24248	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.49 1.08 -26.51	45.34 1.79 -17.55	48.19 2.17 -15.02	61.34 2.88 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	73.03 2.60 -32.28	73.20 2.15 -39.93	73.21 1.91 -43.52	73.30 1.95 -43.43	72.82 1.83 -44.91	73.08 1.89 -45.02	78.76 2.93 -34.59	79.97 3.44 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT3_2 24249	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.49 1.08 -26.51	45.34 1.79 -17.55	48.19 2.17 -15.02	61.34 2.88 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	73.03 2.60 -32.28	73.20 2.15 -39.93	73.21 1.91 -43.52	73.30 1.95 -43.43	72.82 1.83 -44.91	73.08 1.89 -45.02	78.76 2.93 -34.59	79.97 3.44 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74



RAVENSWOOD_GT3_3 24250	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.49 1.08 -26.51	45.34 1.79 -17.55	48.19 2.17 -15.02	61.34 2.88 -17.36	74.80 3.22 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	73.03 2.60 -32.28	73.20 2.15 -39.93	73.21 1.91 -43.52	73.30 1.95 -43.43	72.82 1.83 -44.91	73.08 1.89 -45.02	78.76 2.93 -34.59	79.97 3.44 -30.63	79.74 3.45 -31.53	74.63 3.30 -27.36	66.38 2.64 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT3_4 24251	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.49 1.08 -26.51	45.34 1.79 -17.55	48.19 2.17 -15.02	61.34 2.88 -17.36	74.80 3.22 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	73.03 2.60 -32.28	73.20 2.15 -39.93	73.21 1.91 -43.52	73.30 1.95 -43.43	72.82 1.83 -44.91	73.08 1.89 -45.02	78.76 2.93 -34.59	79.97 3.44 -30.63	79.74 3.45 -31.53	74.63 3.30 -27.36	66.38 2.64 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT_1 23729	50.61 2.30 -17.63	48.23 2.42 -12.71	45.30 1.81 -18.40	43.58 1.16 -26.51	45.45 1.90 -17.56	48.34 2.33 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.22 3.04 -29.07	73.18 2.75 -32.28	73.32 2.27 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.21 2.02 -45.02	78.96 3.13 -34.59	80.11 3.58 -30.63	79.96 3.67 -31.53	74.76 3.43 -27.36	66.57 2.82 -26.57	62.32 2.54 -25.92	50.93 1.83 -24.74
RAVENSWOOD_GT_10 24258	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.19 2.17 -15.02	61.34 2.88 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	73.03 2.60 -32.28	73.17 2.12 -39.93	73.21 1.91 -43.52	73.30 1.95 -43.43	72.82 1.83 -44.91	73.08 1.89 -45.02	78.76 2.93 -34.59	79.97 3.44 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT_11 24259	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.19 2.17 -15.02	61.34 2.88 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	73.03 2.60 -32.28	73.17 2.12 -39.93	73.21 1.91 -43.52	73.30 1.95 -43.43	72.82 1.83 -44.91	73.08 1.89 -45.02	78.76 2.93 -34.59	79.97 3.44 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT_4 24252	50.42 2.12 -17.63	48.03 2.22 -12.71	45.17 1.68 -18.40	43.48 1.07 -26.51	45.32 1.77 -17.56	48.16 2.14 -15.02	61.30 2.83 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	72.99 2.56 -32.28	73.17 2.12 -39.93	73.21 1.91 -43.52	73.27 1.92 -43.43	72.82 1.83 -44.91	73.05 1.86 -45.02	78.76 2.93 -34.59	79.92 3.40 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.18 2.40 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT_5 24254	50.42 2.12 -17.63	48.03 2.22 -12.71	45.17 1.68 -18.40	43.48 1.07 -26.51	45.32 1.77 -17.56	48.16 2.14 -15.02	61.30 2.83 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	72.99 2.56 -32.28	73.17 2.12 -39.93	73.21 1.91 -43.52	73.27 1.92 -43.43	72.82 1.83 -44.91	73.05 1.86 -45.02	78.76 2.93 -34.59	79.92 3.40 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.18 2.40 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT_6 24253	50.42 2.12 -17.63	48.03 2.22 -12.71	45.17 1.68 -18.40	43.48 1.07 -26.51	45.32 1.77 -17.56	48.16 2.14 -15.02	61.30 2.83 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	72.99 2.56 -32.28	73.17 2.12 -39.93	73.21 1.91 -43.52	73.27 1.92 -43.43	72.82 1.83 -44.91	73.05 1.86 -45.02	78.76 2.93 -34.59	79.92 3.40 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.18 2.40 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT_7 24255	50.42 2.12 -17.63	48.03 2.22 -12.71	45.17 1.68 -18.40	43.48 1.07 -26.51	45.32 1.77 -17.56	48.16 2.14 -15.02	61.30 2.83 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	72.99 2.56 -32.28	73.17 2.12 -39.93	73.21 1.91 -43.52	73.27 1.92 -43.43	72.82 1.83 -44.91	73.05 1.86 -45.02	78.76 2.93 -34.59	79.92 3.40 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.18 2.40 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.19 2.17 -15.02	61.34 2.88 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	73.03 2.60 -32.28	73.17 2.12 -39.93	73.21 1.91 -43.52	73.30 1.95 -43.43	72.82 1.83 -44.91	73.08 1.89 -45.02	78.76 2.93 -34.59	79.97 3.44 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74
RAVENSWOOD_GT_9 24257	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.48 1.07 -26.51	45.31 1.77 -17.55	48.19 2.17 -15.02	61.34 2.88 -17.36	74.75 3.17 -25.54	78.78 3.16 -30.42	75.17 2.84 -31.10	73.02 2.83 -29.07	73.03 2.60 -32.28	73.17 2.12 -39.93	73.21 1.91 -43.52	73.30 1.95 -43.43	72.82 1.83 -44.91	73.08 1.89 -45.02	78.76 2.93 -34.59	79.97 3.44 -30.63	79.74 3.45 -31.53	74.58 3.25 -27.36	66.38 2.64 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74
RAVENSWOOD___1 23533	50.61 2.30 -17.64	48.23 2.42 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.56 3.08 -17.36	74.93 3.36 -25.54	78.91 3.30 -30.42	75.34 3.01 -31.10	73.18 3.00 -29.07	73.18 2.75 -32.28	73.29 2.24 -39.93	73.32 2.03 -43.52	73.41 2.07 -43.43	72.95 1.96 -44.91	73.18 1.99 -45.02	78.96 3.13 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.32 2.54 -25.92	50.90 1.80 -24.74
RAVENSWOOD___2 23534	50.55 2.24 -17.64	48.16 2.35 -12.71	45.25 1.76 -18.41	43.53 1.11 -26.52	45.40 1.85 -17.56	48.25 2.23 -15.02	61.47 3.00 -17.36	74.84 3.27 -25.54	78.69 3.07 -30.42	75.26 2.93 -31.10	73.10 2.92 -29.07	73.10 2.67 -32.28	73.23 2.18 -39.93	73.26 1.97 -43.52	73.33 1.98 -43.43	72.87 1.88 -44.91	73.13 1.94 -45.02	78.80 2.97 -34.59	79.78 3.26 -30.63	79.69 3.40 -31.53	74.67 3.34 -27.36	66.46 2.71 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74
RAVENSWOOD___3 23535	50.45 2.15 -17.63	48.06 2.25 -12.70	45.17 1.68 -18.40	43.49 1.08 -26.51	45.34 1.79 -17.55	48.19 2.17 -15.02	61.34 2.88 -17.36	74.80 3.22 -25.54	78.78 3.16 -30.42	75.22 2.89 -31.10	73.02 2.83 -29.07	73.03 2.60 -32.28	73.20 2.15 -39.93	73.21 1.91 -43.52	73.30 1.95 -43.43	72.84 1.85 -44.91	73.08 1.89 -45.02	78.76 2.93 -34.59	79.97 3.44 -30.63	79.74 3.45 -31.53	74.63 3.30 -27.36	66.38 2.64 -26.57	62.22 2.44 -25.92	50.85 1.75 -24.74
RAVENSWOOD___4 23820	50.58 2.27 -17.64	48.20 2.38 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.51 3.04 -17.36	74.89 3.32 -25.54	78.87 3.26 -30.42	75.30 2.97 -31.10	73.18 3.00 -29.07	73.14 2.71 -32.28	73.29 2.24 -39.93	73.32 2.03 -43.52	73.38 2.04 -43.43	72.92 1.93 -44.91	73.18 1.99 -45.02	78.92 3.09 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.29 2.51 -25.92	50.90 1.80 -24.74



RCPI_TRUST___DRP 24196	50.43 2.15 -17.61	48.01 2.22 -12.69	45.14 1.66 -18.39	43.47 1.07 -26.50	45.31 1.77 -17.55	48.18 2.17 -15.01	61.33 2.88 -17.35	71.78 3.17 -22.57	72.26 3.16 -23.90	63.97 2.89 -19.85	60.35 2.83 -16.41	58.99 2.60 -18.24	58.52 2.15 -25.25	58.76 1.91 -29.08	58.75 1.95 -28.88	60.00 1.85 -32.06	59.88 1.89 -31.83	69.30 2.93 -25.14	78.79 3.44 -29.44	79.47 3.45 -31.26	64.93 3.25 -17.71	55.84 2.64 -16.03	52.88 2.44 -16.58	49.14 1.78 -23.01
RED___ROCHESTER 323720	33.64 0.65 -2.32	35.70 0.93 -1.67	28.11 0.60 -2.42	19.85 0.46 -3.48	28.79 0.49 -2.31	33.62 0.65 -1.97	44.25 0.86 -2.28	50.17 1.19 -2.94	49.30 1.13 -2.98	44.39 0.91 -2.25	43.38 0.50 -1.78	40.34 0.57 -1.61	33.51 0.37 -2.02	30.78 0.53 -2.48	30.85 0.47 -2.46	29.57 0.63 -2.86	30.52 0.42 -3.93	45.25 0.91 -3.11	50.67 1.06 -3.72	49.79 1.07 -3.96	47.58 1.45 -2.17	39.53 0.41 -1.95	36.01 0.30 -1.84	27.66 0.61 -2.69
REGAN___SOLAR 323812	61.37 2.48 -28.21	56.14 2.72 -20.32	56.46 1.91 -29.46	59.60 1.24 -42.45	56.00 1.90 -28.11	57.82 2.79 -24.03	72.50 3.62 -27.77	86.37 4.46 -35.88	87.73 4.84 -37.69	73.85 4.16 -28.45	67.41 3.78 -22.52	61.77 3.28 -20.33	59.14 2.46 -25.56	61.47 2.25 -31.45	61.40 2.37 -31.11	64.73 2.43 -36.22	78.20 2.28 -49.76	84.72 4.08 -39.40	97.80 4.82 -47.09	99.63 4.79 -50.08	76.31 4.88 -27.47	65.62 3.75 -24.69	60.13 3.01 -23.25	60.35 2.07 -33.92
RENSSELAER___COGEN 23796	53.94 0.34 -22.93	49.99 0.36 -16.52	49.29 0.25 -23.95	50.57 0.16 -34.51	49.13 0.29 -22.85	50.90 0.37 -19.53	64.09 0.41 -22.57	75.61 0.41 -29.16	76.40 0.63 -30.58	64.89 0.58 -23.08	59.91 0.53 -18.27	55.14 0.49 -16.49	52.23 0.37 -20.74	53.64 0.36 -25.51	53.52 0.36 -25.24	55.80 0.34 -29.38	66.85 0.32 -40.37	73.90 0.70 -31.96	84.83 0.73 -38.20	86.06 0.67 -40.62	66.99 0.75 -22.28	57.72 0.52 -20.03	53.13 0.41 -18.86	52.09 0.22 -27.51
REVERE_CPPR_DRP 24186	32.71 0.95 -1.08	34.91 1.03 -0.78	26.95 0.73 -1.13	18.06 0.52 -1.63	27.85 0.78 -1.08	33.01 1.08 -0.92	43.45 1.28 -1.07	48.98 1.57 -1.38	48.07 1.45 -1.43	43.67 1.36 -1.08	43.11 1.15 -0.85	40.03 1.11 -0.77	32.96 0.87 -0.97	29.68 0.72 -1.19	29.85 0.75 -1.18	28.13 0.68 -1.37	28.73 0.68 -1.88	43.80 1.07 -1.49	49.15 1.47 -1.78	48.09 1.43 -1.90	46.41 1.41 -1.04	39.07 0.96 -0.93	35.52 0.78 -0.88	26.26 0.61 -1.29
RIVERBAY___ 323610	50.84 2.54 -17.62	48.48 2.68 -12.69	45.55 2.06 -18.41	43.69 1.27 -26.52	45.66 2.10 -17.56	48.74 2.73 -15.01	61.87 3.41 -17.35	72.16 3.73 -22.40	72.38 3.66 -23.53	62.39 3.30 -17.86	58.57 3.29 -14.17	54.12 2.98 -12.99	50.01 2.43 -16.46	50.11 2.19 -20.14	50.06 2.21 -19.93	51.32 2.11 -23.12	59.40 2.15 -31.08	69.23 3.38 -24.61	79.14 3.86 -29.39	79.95 3.94 -31.25	64.86 3.73 -17.16	55.67 3.05 -15.45	51.22 2.74 -14.61	47.65 2.02 -21.27
ROARING___BROOK_WT_PWR 323790	30.49 -0.18 0.00	32.84 -0.27 0.00	24.89 -0.20 0.00	15.78 -0.13 0.00	25.81 -0.18 0.00	30.78 -0.22 0.00	40.78 -0.33 0.00	45.66 -0.37 0.00	44.83 -0.36 0.00	40.99 -0.25 0.00	40.86 -0.25 0.00	37.93 -0.23 0.00	30.90 -0.22 0.00	27.55 -0.22 0.00	27.67 -0.25 0.00	25.85 -0.24 0.00	25.99 -0.18 0.00	41.03 -0.21 0.00	45.71 -0.18 0.00	44.58 -0.18 0.00	43.70 -0.26 0.00	36.92 -0.26 0.00	33.59 -0.27 0.00	24.14 -0.22 0.00
ROCHESTER_9_IC 23652	33.48 0.49 -2.31	35.56 0.79 -1.66	28.01 0.50 -2.41	19.78 0.40 -3.48	28.69 0.39 -2.30	33.49 0.53 -1.97	44.04 0.66 -2.28	49.94 0.97 -2.94	49.07 0.90 -2.97	44.14 0.66 -2.24	43.17 0.29 -1.78	40.10 0.34 -1.60	33.36 0.22 -2.02	30.64 0.39 -2.48	30.71 0.34 -2.45	29.44 0.49 -2.86	30.38 0.29 -3.92	45.04 0.70 -3.11	50.44 0.83 -3.71	49.56 0.85 -3.95	47.36 1.23 -2.17	39.35 0.22 -1.95	35.87 0.17 -1.83	27.55 0.51 -2.69
ROSETON___1 23587	49.64 1.53 -17.43	47.25 1.59 -12.55	44.50 1.20 -18.20	42.91 0.78 -26.23	44.63 1.27 -17.37	47.36 1.52 -14.84	60.28 2.01 -17.16	70.45 2.25 -22.16	70.72 2.26 -23.27	60.82 2.02 -17.56	57.03 2.01 -13.90	52.54 1.83 -12.55	48.40 1.49 -15.78	48.55 1.36 -19.42	48.49 1.37 -19.21	49.75 1.30 -22.36	58.22 1.33 -30.72	67.66 2.10 -24.33	77.44 2.48 -29.07	78.18 2.51 -30.92	63.25 2.33 -16.96	54.31 1.89 -15.24	49.94 1.73 -14.35	46.54 1.24 -20.94
ROSETON___2 23588	49.64 1.53 -17.43	47.25 1.59 -12.55	44.50 1.20 -18.20	42.91 0.78 -26.23	44.63 1.27 -17.37	47.36 1.52 -14.84	60.28 2.01 -17.16	70.45 2.25 -22.16	70.72 2.26 -23.27	60.82 2.02 -17.56	57.03 2.01 -13.90	52.54 1.83 -12.55	48.40 1.49 -15.78	48.55 1.36 -19.42	48.49 1.37 -19.21	49.75 1.30 -22.36	58.22 1.33 -30.72	67.66 2.10 -24.33	77.44 2.48 -29.07	78.18 2.51 -30.92	63.25 2.33 -16.96	54.31 1.89 -15.24	49.94 1.73 -14.35	46.54 1.24 -20.94
RUSSELL___1 23602	33.64 0.65 -2.32	35.70 0.93 -1.67	28.11 0.60 -2.42	19.85 0.46 -3.48	28.79 0.49 -2.31	33.62 0.65 -1.97	44.25 0.86 -2.28	50.17 1.19 -2.94	49.30 1.13 -2.98	44.39 0.91 -2.25	43.38 0.50 -1.78	40.34 0.57 -1.61	33.51 0.37 -2.02	30.78 0.53 -2.48	30.85 0.47 -2.46	29.57 0.63 -2.86	30.52 0.42 -3.93	45.25 0.91 -3.11	50.67 1.06 -3.72	49.79 1.07 -3.96	47.58 1.45 -2.17	39.53 0.41 -1.95	36.01 0.30 -1.84	27.66 0.61 -2.69
RUSSELL___2 23532	33.64 0.65 -2.32	35.70 0.93 -1.67	28.11 0.60 -2.42	19.85 0.46 -3.48	28.79 0.49 -2.31	33.62 0.65 -1.97	44.25 0.86 -2.28	50.17 1.19 -2.94	49.30 1.13 -2.98	44.39 0.91 -2.25	43.38 0.50 -1.78	40.34 0.57 -1.61	33.51 0.37 -2.02	30.78 0.53 -2.48	30.85 0.47 -2.46	29.57 0.63 -2.86	30.52 0.42 -3.93	45.25 0.91 -3.11	50.67 1.06 -3.72	49.79 1.07 -3.96	47.58 1.45 -2.17	39.53 0.41 -1.95	36.01 0.30 -1.84	27.66 0.61 -2.69
RUSSELL___3 23549	33.64 0.65 -2.32	35.70 0.93 -1.67	28.11 0.60 -2.42	19.85 0.46 -3.48	28.79 0.49 -2.31	33.62 0.65 -1.97	44.25 0.86 -2.28	50.17 1.19 -2.94	49.30 1.13 -2.98	44.39 0.91 -2.25	43.38 0.50 -1.78	40.34 0.57 -1.61	33.51 0.37 -2.02	30.78 0.53 -2.48	30.85 0.47 -2.46	29.57 0.63 -2.86	30.52 0.42 -3.93	45.25 0.91 -3.11	50.67 1.06 -3.72	49.79 1.07 -3.96	47.58 1.45 -2.17	39.53 0.41 -1.95	36.01 0.30 -1.84	27.66 0.61 -2.69
RUSSELL___4 23556	33.64 0.65 -2.32	35.70 0.93 -1.67	28.11 0.60 -2.42	19.85 0.46 -3.48	28.79 0.49 -2.31	33.62 0.65 -1.97	44.25 0.86 -2.28	50.17 1.19 -2.94	49.30 1.13 -2.98	44.39 0.91 -2.25	43.38 0.50 -1.78	40.34 0.57 -1.61	33.51 0.37 -2.02	30.78 0.53 -2.48	30.85 0.47 -2.46	29.57 0.63 -2.86	30.52 0.42 -3.93	45.25 0.91 -3.11	50.67 1.06 -3.72	49.79 1.07 -3.96	47.58 1.45 -2.17	39.53 0.41 -1.95	36.01 0.30 -1.84	27.66 0.61 -2.69
RUSSELL___STATION 23914	33.64 0.65 -2.32	35.70 0.93 -1.67	28.11 0.60 -2.42	19.85 0.46 -3.48	28.79 0.49 -2.31	33.62 0.65 -1.97	44.25 0.86 -2.28	50.17 1.19 -2.94	49.30 1.13 -2.98	44.39 0.91 -2.25	43.38 0.50 -1.78	40.34 0.57 -1.61	33.51 0.37 -2.02	30.78 0.53 -2.48	30.85 0.47 -2.46	29.57 0.63 -2.86	30.52 0.42 -3.93	45.25 0.91 -3.11	50.67 1.06 -3.72	49.79 1.07 -3.96	47.58 1.45 -2.17	39.53 0.41 -1.95	36.01 0.30 -1.84	27.66 0.61 -2.69



S SALMON___HYD 24043	32.12 0.00 -1.45	34.18 0.03 -1.04	26.60 0.00 -1.51	18.13 0.05 -2.18	27.43 0.00 -1.44	32.23 0.00 -1.23	42.57 0.04 -1.42	48.10 0.23 -1.84	47.30 0.14 -1.97	42.80 0.08 -1.48	42.24 -0.04 -1.17	39.18 -0.04 -1.06	32.42 -0.03 -1.33	29.36 -0.06 -1.64	29.51 -0.03 -1.62	27.92 -0.05 -1.89	28.71 -0.05 -2.60	43.25 -0.04 -2.06	48.54 0.18 -2.46	47.51 0.13 -2.61	45.58 0.18 -1.43	38.39 -0.07 -1.29	34.91 -0.17 -1.21	26.03 -0.05 -1.72
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.81 0.12 -3.01	35.83 0.56 -2.17	28.59 0.35 -3.15	20.77 0.33 -4.53	29.18 0.18 -3.00	33.78 0.22 -2.56	44.24 0.17 -2.96	50.37 0.51 -3.83	49.24 0.23 -3.82	44.24 0.12 -2.88	42.98 -0.41 -2.28	39.91 -0.31 -2.06	33.58 -0.12 -2.59	31.12 0.17 -3.18	31.10 0.03 -3.15	29.93 0.18 -3.67	31.10 -0.10 -5.04	45.39 0.17 -3.99	50.71 0.05 -4.77	49.92 0.09 -5.07	47.54 0.79 -2.78	39.12 -0.56 -2.50	35.74 -0.47 -2.35	28.13 0.34 -3.43
SELKIRK___I 23801	54.03 0.80 -22.56	50.25 0.89 -16.25	49.31 0.65 -23.57	50.27 0.41 -33.95	49.15 0.67 -22.48	51.02 0.80 -19.22	64.35 1.03 -22.21	75.88 1.15 -28.69	76.65 1.35 -30.10	65.15 1.20 -22.72	60.20 1.11 -17.98	55.42 1.03 -16.24	52.34 0.81 -20.42	53.64 0.75 -25.12	53.52 0.75 -24.85	55.74 0.73 -28.92	66.59 0.68 -39.74	73.82 1.11 -31.47	84.74 1.24 -37.60	85.96 1.21 -39.99	67.18 1.28 -21.93	57.86 0.96 -19.72	53.24 0.81 -18.57	51.96 0.51 -27.09
SELKIRK___II 23799	54.12 0.58 -22.86	50.20 0.63 -16.47	49.45 0.48 -23.88	50.62 0.30 -34.41	49.27 0.49 -22.79	51.06 0.59 -19.48	64.36 0.74 -22.51	75.94 0.83 -29.08	76.69 0.99 -30.51	65.13 0.87 -23.02	60.16 0.82 -18.22	55.41 0.80 -16.45	52.43 0.62 -20.69	53.81 0.58 -25.45	53.66 0.56 -25.18	55.95 0.55 -29.31	66.96 0.52 -40.27	74.03 0.91 -31.89	84.97 0.97 -38.11	86.23 0.94 -40.53	67.16 0.97 -22.23	57.90 0.74 -19.98	53.32 0.64 -18.82	52.20 0.39 -27.45
SENECA OSWGO___HYD 24041	32.37 0.09 -1.60	34.42 0.17 -1.15	26.81 0.05 -1.67	18.40 0.08 -2.41	27.61 0.03 -1.60	32.46 0.09 -1.36	42.81 0.12 -1.58	48.35 0.28 -2.04	47.55 0.23 -2.13	43.05 0.21 -1.61	42.51 0.12 -1.27	39.42 0.11 -1.15	32.66 0.09 -1.45	29.66 0.11 -1.78	29.82 0.14 -1.76	28.29 0.16 -2.05	29.09 0.11 -2.82	43.63 0.17 -2.23	48.89 0.32 -2.66	47.87 0.27 -2.83	45.87 0.35 -1.55	38.57 0.00 -1.40	35.15 -0.03 -1.32	26.34 0.07 -1.91
SENECA___ENERGY 23797	33.44 0.34 -2.42	35.31 0.46 -1.74	27.87 0.25 -2.53	19.77 0.22 -3.64	28.61 0.21 -2.41	33.37 0.31 -2.06	43.99 0.50 -2.38	49.98 0.87 -3.08	49.18 0.81 -3.17	44.28 0.66 -2.39	43.46 0.45 -1.89	40.29 0.42 -1.71	33.58 0.31 -2.15	30.81 0.39 -2.64	30.95 0.42 -2.62	29.57 0.44 -3.05	30.72 0.37 -4.18	45.29 0.74 -3.31	50.86 1.01 -3.96	49.87 0.89 -4.21	47.33 1.05 -2.31	39.62 0.37 -2.08	36.06 0.24 -1.95	27.61 0.37 -2.89
SHOEMAKER___GT 23640	48.11 1.38 -16.06	46.12 1.45 -11.57	42.96 1.10 -16.77	40.79 0.72 -24.16	43.16 1.17 -16.00	46.01 1.33 -13.68	58.77 1.85 -15.81	68.48 2.02 -20.42	68.72 2.08 -21.44	59.23 1.81 -16.18	55.65 1.73 -12.81	51.29 1.56 -11.57	46.94 1.28 -14.54	46.80 1.14 -17.89	46.79 1.17 -17.70	47.78 1.10 -20.60	55.65 1.18 -28.31	65.51 1.86 -22.42	74.89 2.20 -26.79	75.53 2.28 -28.49	61.66 2.07 -15.62	52.89 1.67 -14.05	48.62 1.53 -13.23	44.77 1.12 -19.30
SHOREHAM_IC_1 23715	67.98 3.10 -34.20	55.09 3.28 -18.70	49.73 2.51 -22.13	49.76 1.62 -32.24	49.70 2.68 -21.03	49.16 3.07 -15.09	68.32 4.32 -22.89	73.27 4.83 -22.41	73.64 4.93 -23.52	71.01 4.41 -25.37	68.99 4.07 -23.81	68.10 3.82 -26.12	66.09 3.24 -31.74	65.61 2.78 -35.06	65.47 2.74 -34.81	68.65 2.63 -39.93	75.69 2.83 -46.69	78.49 4.29 -32.97	116.57 4.96 -65.72	91.51 4.92 -41.83	83.13 4.71 -34.45	71.36 3.87 -30.32	64.75 3.66 -27.22	63.43 2.70 -36.37
SHOREHAM_IC_2 23716	67.98 3.10 -34.20	55.09 3.28 -18.70	49.73 2.51 -22.13	49.76 1.62 -32.24	49.70 2.68 -21.03	49.16 3.07 -15.09	68.32 4.32 -22.89	73.27 4.83 -22.41	73.64 4.93 -23.52	71.01 4.41 -25.37	68.99 4.07 -23.81	68.10 3.82 -26.12	66.09 3.24 -31.74	65.61 2.78 -35.06	65.47 2.74 -34.81	68.65 2.63 -39.93	75.69 2.83 -46.69	78.49 4.29 -32.97	116.57 4.96 -65.72	91.51 4.92 -41.83	83.13 4.71 -34.45	71.36 3.87 -30.32	64.75 3.66 -27.22	63.43 2.70 -36.37
SISSONVILLE___ 23735	30.06 -0.61 0.00	32.28 -0.83 0.00	24.64 -0.45 0.00	15.51 -0.40 0.00	25.57 -0.42 0.00	30.44 -0.56 0.00	40.37 -0.74 0.00	44.97 -1.06 0.00	44.06 -1.13 0.00	40.33 -0.91 0.00	40.20 -0.90 0.00	37.28 -0.88 0.00	30.41 -0.71 0.00	26.97 -0.81 0.00	27.00 -0.92 0.00	24.83 -1.25 0.00	25.07 -1.10 0.00	39.54 -1.69 0.00	43.97 -1.93 0.00	42.70 -2.06 0.00	41.63 -2.33 0.00	36.21 -0.97 0.00	33.22 -0.64 0.00	23.77 -0.58 0.00
SITHE_IND_GS1 24169	31.66 -0.31 -1.29	33.73 -0.30 -0.93	26.18 -0.25 -1.34	17.70 -0.14 -1.94	26.99 -0.29 -1.28	31.79 -0.31 -1.10	41.97 -0.41 -1.27	47.30 -0.37 -1.64	46.49 -0.41 -1.71	42.15 -0.37 -1.29	41.68 -0.45 -1.02	38.66 -0.42 -0.92	31.93 -0.34 -1.16	28.92 -0.28 -1.42	29.05 -0.28 -1.41	27.49 -0.24 -1.64	28.16 -0.26 -2.25	42.69 -0.33 -1.78	47.75 -0.27 -2.13	46.72 -0.31 -2.27	44.99 -0.22 -1.24	37.88 -0.41 -1.12	34.54 -0.37 -1.05	25.71 -0.20 -1.55
SITHE_IND_GS2 24170	31.66 -0.31 -1.29	33.73 -0.30 -0.93	26.18 -0.25 -1.34	17.70 -0.14 -1.94	26.99 -0.29 -1.28	31.79 -0.31 -1.10	41.97 -0.41 -1.27	47.30 -0.37 -1.64	46.49 -0.41 -1.71	42.15 -0.37 -1.29	41.68 -0.45 -1.02	38.66 -0.42 -0.92	31.93 -0.34 -1.16	28.92 -0.28 -1.42	29.05 -0.28 -1.41	27.49 -0.24 -1.64	28.16 -0.26 -2.25	42.69 -0.33 -1.78	47.75 -0.27 -2.13	46.72 -0.31 -2.27	44.99 -0.22 -1.24	37.88 -0.41 -1.12	34.54 -0.37 -1.05	25.71 -0.20 -1.55
SITHE_IND_GS3 24171	31.66 -0.31 -1.29	33.73 -0.30 -0.93	26.18 -0.25 -1.34	17.70 -0.14 -1.94	26.99 -0.29 -1.28	31.79 -0.31 -1.10	41.97 -0.41 -1.27	47.30 -0.37 -1.64	46.49 -0.41 -1.71	42.15 -0.37 -1.29	41.68 -0.45 -1.02	38.66 -0.42 -0.92	31.93 -0.34 -1.16	28.92 -0.28 -1.42	29.05 -0.28 -1.41	27.49 -0.24 -1.64	28.16 -0.26 -2.25	42.69 -0.33 -1.78	47.75 -0.27 -2.13	46.72 -0.31 -2.27	44.99 -0.22 -1.24	37.88 -0.41 -1.12	34.54 -0.37 -1.05	25.71 -0.20 -1.55
SITHE_IND_GS4 24172	31.66 -0.31 -1.29	33.73 -0.30 -0.93	26.18 -0.25 -1.34	17.70 -0.14 -1.94	26.99 -0.29 -1.28	31.79 -0.31 -1.10	41.97 -0.41 -1.27	47.30 -0.37 -1.64	46.49 -0.41 -1.71	42.15 -0.37 -1.29	41.68 -0.45 -1.02	38.66 -0.42 -0.92	31.93 -0.34 -1.16	28.92 -0.28 -1.42	29.05 -0.28 -1.41	27.49 -0.24 -1.64	28.16 -0.26 -2.25	42.69 -0.33 -1.78	47.75 -0.27 -2.13	46.72 -0.31 -2.27	44.99 -0.22 -1.24	37.88 -0.41 -1.12	34.54 -0.37 -1.05	25.71 -0.20 -1.55
SITHE___BATAVIA 24024	34.25 0.92 -2.66	36.34 1.33 -1.91	28.77 0.90 -2.77	20.60 0.70 -4.00	29.37 0.73 -2.65	34.22 0.96 -2.26	44.79 1.07 -2.61	50.97 1.57 -3.38	49.98 1.40 -3.39	44.86 1.07 -2.56	43.63 0.50 -2.03	40.56 0.57 -1.83	33.79 0.37 -2.30	31.21 0.61 -2.82	31.22 0.50 -2.79	29.91 0.57 -3.25	30.92 0.29 -4.47	45.60 0.82 -3.54	50.99 0.87 -4.23	50.20 0.94 -4.50	47.93 1.50 -2.47	39.54 0.15 -2.22	36.02 0.07 -2.09	28.21 0.76 -3.10



SITHE___INDEPEND 23800	31.66 -0.31 -1.29	33.73 -0.30 -0.93	26.18 -0.25 -1.34	17.70 -0.14 -1.94	26.99 -0.29 -1.28	31.79 -0.31 -1.10	41.97 -0.41 -1.27	47.30 -0.37 -1.64	46.49 -0.41 -1.71	42.15 -0.37 -1.29	41.68 -0.45 -1.02	38.66 -0.42 -0.92	31.93 -0.34 -1.16	28.92 -0.28 -1.42	29.05 -0.28 -1.41	27.49 -0.24 -1.64	28.16 -0.26 -2.25	42.69 -0.33 -1.78	47.75 -0.27 -2.13	46.72 -0.31 -2.27	44.99 -0.22 -1.24	37.88 -0.41 -1.12	34.54 -0.37 -1.05	25.71 -0.20 -1.55
SITHE___MASSENA 23902	30.00 -0.68 0.00	32.24 -0.86 0.00	24.61 -0.48 0.00	15.51 -0.40 0.00	25.52 -0.47 0.00	30.35 -0.65 0.00	40.24 -0.87 0.00	44.83 -1.20 0.00	43.97 -1.22 0.00	40.16 -1.07 0.00	40.12 -0.99 0.00	37.20 -0.95 0.00	30.37 -0.75 0.00	26.99 -0.78 0.00	27.11 -0.81 0.00	25.20 -0.89 0.00	25.41 -0.76 0.00	40.04 -1.20 0.00	44.43 -1.47 0.00	43.19 -1.57 0.00	42.21 -1.76 0.00	36.32 -0.85 0.00	33.22 -0.64 0.00	23.77 -0.58 0.00
SITHE___OGDNSBRG 24021	30.18 -0.49 0.00	32.41 -0.70 0.00	24.76 -0.33 0.00	15.59 -0.32 0.00	25.68 -0.31 0.00	30.60 -0.40 0.00	40.53 -0.58 0.00	45.16 -0.88 0.00	44.24 -0.95 0.00	40.45 -0.78 0.00	40.33 -0.78 0.00	37.39 -0.76 0.00	30.53 -0.59 0.00	27.08 -0.69 0.00	27.19 -0.73 0.00	25.17 -0.91 0.00	25.41 -0.76 0.00	40.08 -1.15 0.00	44.56 -1.33 0.00	43.33 -1.43 0.00	42.25 -1.72 0.00	36.51 -0.67 0.00	33.36 -0.51 0.00	23.84 -0.51 0.00
SITHE___STERLING 23777	32.77 0.86 -1.24	34.95 0.96 -0.89	27.06 0.68 -1.29	18.24 0.48 -1.86	27.92 0.70 -1.23	32.98 0.93 -1.05	43.47 1.15 -1.22	49.03 1.43 -1.57	48.14 1.31 -1.63	43.70 1.24 -1.23	43.15 1.07 -0.98	40.03 0.99 -0.88	33.04 0.81 -1.11	29.83 0.69 -1.36	29.99 0.72 -1.35	28.31 0.65 -1.57	28.95 0.63 -2.16	43.93 0.99 -1.71	49.27 1.33 -2.04	48.23 1.30 -2.17	46.43 1.28 -1.19	39.10 0.86 -1.07	35.55 0.68 -1.01	26.39 0.56 -1.47
SOUTH CAIRO___GT 23612	53.20 1.32 -21.20	49.77 1.39 -15.28	48.29 1.05 -22.15	48.49 0.67 -31.92	48.24 1.12 -21.13	50.18 1.11 -18.06	63.75 1.77 -20.88	74.98 1.98 -26.97	75.88 2.39 -28.30	64.53 1.94 -21.35	59.74 1.73 -16.90	54.98 1.56 -15.26	51.43 1.12 -19.19	52.38 1.00 -23.61	52.31 1.03 -23.35	54.29 1.02 -27.19	64.62 1.10 -37.35	72.83 2.02 -29.58	83.45 2.20 -35.35	84.55 2.19 -37.59	66.69 2.11 -20.62	57.27 1.56 -18.53	52.60 1.29 -17.45	50.69 0.88 -25.46
SOUTH HAMPTN___IC 23720	68.41 3.53 -34.20	55.55 3.74 -18.70	50.06 2.83 -22.13	49.98 1.84 -32.24	50.03 3.01 -21.03	49.50 3.41 -15.09	68.85 4.85 -22.89	73.96 5.52 -22.41	74.32 5.60 -23.52	71.63 5.03 -25.37	69.61 4.68 -23.81	68.67 4.39 -26.12	66.56 3.70 -31.74	66.03 3.19 -35.06	65.88 3.15 -34.81	69.07 3.05 -39.93	76.11 3.24 -46.69	79.15 4.95 -32.97	117.35 5.74 -65.72	92.28 5.69 -41.83	83.83 5.41 -34.45	71.91 4.42 -30.32	65.22 4.13 -27.22	63.75 3.02 -36.37
SOUTHOLD___IC 23719	68.81 3.93 -34.20	55.98 4.17 -18.70	50.36 3.14 -22.13	50.18 2.04 -32.24	50.35 3.33 -21.03	49.90 3.81 -15.09	69.43 5.43 -22.89	74.65 6.21 -22.41	75.09 6.37 -23.52	72.33 5.73 -25.37	70.35 5.43 -23.81	69.36 5.08 -26.12	67.09 4.23 -31.74	66.53 3.69 -35.06	66.30 3.57 -34.81	69.54 3.52 -39.93	76.60 3.74 -46.69	80.02 5.82 -32.97	118.27 6.65 -65.72	93.17 6.58 -41.83	84.71 6.29 -34.45	72.62 5.13 -30.32	65.76 4.67 -27.22	64.09 3.36 -36.37
ST LAWRENCE____ 23600	29.88 -0.80 0.00	32.14 -0.96 0.00	24.46 -0.63 0.00	15.43 -0.48 0.00	25.37 -0.62 0.00	30.23 -0.77 0.00	40.12 -0.99 0.00	44.74 -1.29 0.00	43.88 -1.31 0.00	40.04 -1.20 0.00	40.00 -1.11 0.00	37.09 -1.07 0.00	30.25 -0.87 0.00	26.94 -0.83 0.00	27.05 -0.87 0.00	25.20 -0.89 0.00	25.38 -0.78 0.00	39.96 -1.28 0.00	44.34 -1.56 0.00	43.19 -1.57 0.00	42.30 -1.67 0.00	36.25 -0.93 0.00	33.12 -0.75 0.00	23.72 -0.63 0.00
STATION 5_MISC_HYD 23604	33.48 0.49 -2.31	35.56 0.79 -1.66	28.01 0.50 -2.41	19.78 0.40 -3.48	28.69 0.39 -2.30	33.49 0.53 -1.97	44.04 0.66 -2.28	49.94 0.97 -2.94	49.07 0.90 -2.97	44.14 0.66 -2.24	43.17 0.29 -1.78	40.10 0.34 -1.60	33.36 0.22 -2.02	30.64 0.39 -2.48	30.71 0.34 -2.45	29.44 0.49 -2.86	30.38 0.29 -3.92	45.04 0.70 -3.11	50.44 0.83 -3.71	49.56 0.85 -3.95	47.36 1.23 -2.17	39.35 0.22 -1.95	35.87 0.17 -1.83	27.55 0.51 -2.69
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.64 0.65 -2.32	35.67 0.89 -1.67	28.06 0.55 -2.42	19.82 0.43 -3.49	28.77 0.47 -2.31	33.69 0.71 -1.97	44.29 0.90 -2.28	50.31 1.34 -2.95	49.45 1.26 -3.00	44.53 1.03 -2.26	43.60 0.70 -1.79	40.50 0.72 -1.62	33.65 0.50 -2.03	30.86 0.58 -2.50	30.95 0.56 -2.47	29.64 0.68 -2.88	30.65 0.52 -3.96	45.40 1.03 -3.13	50.93 1.28 -3.75	50.00 1.25 -3.98	47.69 1.54 -2.18	39.73 0.59 -1.96	36.15 0.44 -1.85	27.69 0.61 -2.73
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.36 0.37 -2.31	35.39 0.63 -1.66	27.88 0.38 -2.41	19.68 0.30 -3.48	28.55 0.26 -2.30	33.34 0.37 -1.97	43.88 0.50 -2.27	49.75 0.78 -2.94	48.89 0.72 -2.97	44.01 0.53 -2.25	43.05 0.17 -1.78	40.03 0.27 -1.60	33.26 0.12 -2.02	30.56 0.31 -2.48	30.63 0.25 -2.46	29.34 0.39 -2.86	30.30 0.21 -3.93	44.92 0.58 -3.11	50.30 0.69 -3.72	49.39 0.67 -3.95	47.19 1.05 -2.17	39.23 0.11 -1.95	35.73 0.03 -1.83	27.44 0.39 -2.69
STEEL___WIND 323596	34.12 0.31 -3.14	36.13 0.76 -2.26	28.85 0.48 -3.28	21.05 0.41 -4.73	29.44 0.31 -3.13	34.05 0.37 -2.68	44.61 0.41 -3.09	50.94 0.92 -3.99	49.75 0.59 -3.97	44.73 0.50 -3.00	43.44 -0.04 -2.38	40.30 0.00 -2.14	33.94 0.12 -2.69	31.47 0.39 -3.31	31.45 0.25 -3.28	30.27 0.37 -3.82	31.49 0.08 -5.24	45.88 0.50 -4.15	51.27 0.41 -4.96	50.49 0.45 -5.28	47.96 1.10 -2.89	39.48 -0.30 -2.60	36.04 -0.27 -2.45	28.39 0.46 -3.58
STEBEN_REC_LFGE 323667	36.11 1.38 -4.05	37.74 1.72 -2.92	30.45 1.13 -4.23	22.83 0.83 -6.10	31.04 1.01 -4.04	35.75 1.30 -3.45	46.87 1.77 -3.99	53.81 2.62 -5.15	52.93 2.57 -5.16	47.48 2.35 -3.89	46.04 1.85 -3.08	42.47 1.53 -2.78	35.87 1.25 -3.50	33.41 1.33 -4.30	33.52 1.34 -4.26	32.40 1.36 -4.96	34.21 1.23 -6.81	48.98 2.35 -5.39	55.24 2.89 -6.45	54.39 2.78 -6.85	50.85 3.12 -3.76	42.08 1.52 -3.38	38.26 1.22 -3.18	30.25 1.31 -4.58
STONY___BROOK 24151	67.89 3.01 -34.20	54.99 3.18 -18.70	49.63 2.41 -22.13	49.72 1.57 -32.24	49.62 2.60 -21.03	49.04 2.95 -15.09	68.20 4.20 -22.89	73.08 4.65 -22.41	73.37 4.66 -23.52	70.81 4.21 -25.37	68.83 3.91 -23.81	67.94 3.66 -26.12	65.88 3.02 -31.74	65.50 2.67 -35.06	65.41 2.68 -34.81	68.55 2.53 -39.93	75.53 2.67 -46.69	78.29 4.08 -32.97	116.34 4.73 -65.72	91.33 4.74 -41.83	82.95 4.53 -34.45	71.17 3.68 -30.32	64.61 3.52 -27.22	63.33 2.61 -36.37
STURGEON_POOL_HYD 23609	50.84 2.09 -18.08	48.31 2.18 -13.02	45.68 1.71 -18.89	44.20 1.08 -27.21	45.78 1.77 -18.02	48.60 2.20 -15.40	61.66 2.75 -17.80	72.07 3.04 -23.00	72.50 3.16 -24.14	62.13 2.68 -18.22	58.12 2.59 -14.42	53.50 2.33 -13.02	49.30 1.80 -16.37	49.52 1.61 -20.14	49.55 1.70 -19.92	50.87 1.59 -23.19	59.84 1.80 -31.87	69.35 2.89 -25.23	79.45 3.40 -30.15	80.37 3.54 -32.07	64.63 3.08 -17.59	55.44 2.45 -15.81	51.02 2.27 -14.89	47.76 1.68 -21.72



SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.59 1.50 -16.41	46.51 1.59 -11.82	43.43 1.20 -17.14	41.36 0.76 -24.70	43.59 1.25 -16.35	46.50 1.52 -13.98	59.28 2.01 -16.15	69.11 2.21 -20.87	69.32 2.21 -21.91	59.71 1.94 -16.54	56.09 1.89 -13.09	51.69 1.72 -11.82	47.41 1.43 -14.86	47.33 1.28 -18.28	47.32 1.31 -18.09	48.37 1.23 -21.06	56.38 1.28 -28.93	66.16 2.02 -22.91	75.70 2.43 -27.37	76.38 2.51 -29.11	62.22 2.28 -15.97	53.35 1.82 -14.35	49.04 1.66 -13.52	45.29 1.22 -19.72
SYNERGY___BIOGAS 323694	34.25 0.92 -2.66	36.34 1.33 -1.91	28.77 0.90 -2.77	20.60 0.70 -4.00	29.37 0.73 -2.65	34.22 0.96 -2.26	44.79 1.07 -2.61	50.97 1.57 -3.38	49.98 1.40 -3.39	44.86 1.07 -2.56	43.63 0.50 -2.03	40.56 0.57 -1.83	33.79 0.37 -2.30	31.21 0.61 -2.82	31.22 0.50 -2.79	29.91 0.57 -3.25	30.92 0.29 -4.47	45.60 0.82 -3.54	50.99 0.87 -4.23	50.20 0.94 -4.50	47.93 1.50 -2.47	39.54 0.15 -2.22	36.02 0.07 -2.09	28.21 0.76 -3.10
SYRACUSE___ENERGY_ST1 323597	33.03 0.37 -1.98	34.99 0.46 -1.43	27.44 0.28 -2.07	19.11 0.22 -2.98	28.23 0.26 -1.97	33.03 0.34 -1.69	43.56 0.50 -1.95	49.29 0.73 -2.52	48.50 0.68 -2.63	43.84 0.62 -1.98	43.21 0.53 -1.57	40.03 0.46 -1.42	33.28 0.37 -1.78	30.35 0.39 -2.19	30.51 0.42 -2.17	29.00 0.39 -2.52	30.00 0.37 -3.47	44.56 0.58 -2.74	49.96 0.78 -3.28	48.96 0.71 -3.49	46.71 0.83 -1.91	39.27 0.37 -1.72	35.75 0.27 -1.62	27.01 0.29 -2.36
SYRACUSE___ENERGY_ST2 323598	33.03 0.37 -1.98	34.99 0.46 -1.43	27.44 0.28 -2.07	19.11 0.22 -2.98	28.23 0.26 -1.97	33.03 0.34 -1.69	43.56 0.50 -1.95	49.29 0.73 -2.52	48.50 0.68 -2.63	43.84 0.62 -1.98	43.21 0.53 -1.57	40.03 0.46 -1.42	33.28 0.37 -1.78	30.35 0.39 -2.19	30.51 0.42 -2.17	29.00 0.39 -2.52	30.00 0.37 -3.47	44.56 0.58 -2.74	49.96 0.78 -3.28	48.96 0.71 -3.49	46.71 0.83 -1.91	39.27 0.37 -1.72	35.75 0.27 -1.62	27.01 0.29 -2.36
SYRACUSE___POWER 24017	33.05 0.31 -2.07	34.99 0.40 -1.49	27.47 0.23 -2.16	19.20 0.19 -3.11	28.26 0.21 -2.06	33.04 0.28 -1.76	43.55 0.41 -2.03	49.30 0.64 -2.63	48.53 0.59 -2.75	43.84 0.53 -2.07	43.20 0.45 -1.64	40.06 0.42 -1.48	33.33 0.34 -1.86	30.40 0.33 -2.29	30.55 0.36 -2.27	29.09 0.37 -2.64	30.11 0.32 -3.63	44.64 0.53 -2.87	50.06 0.73 -3.43	49.08 0.67 -3.65	46.76 0.79 -2.00	39.31 0.33 -1.80	35.80 0.24 -1.69	27.09 0.27 -2.47
TRIGEN___CC 323695	67.36 2.48 -34.20	54.46 2.65 -18.70	49.23 2.01 -22.13	49.43 1.29 -32.24	49.13 2.10 -21.03	48.57 2.48 -15.09	67.41 3.41 -22.89	72.16 3.73 -22.41	72.47 3.75 -23.52	69.94 3.34 -25.37	68.13 3.21 -23.81	67.26 2.98 -26.12	65.35 2.49 -31.74	65.06 2.22 -35.06	64.99 2.26 -34.81	68.13 2.11 -39.93	75.01 2.15 -46.69	77.54 3.34 -32.97	115.47 3.86 -65.72	90.44 3.85 -41.83	82.11 3.69 -34.45	70.50 3.01 -30.32	63.90 2.81 -27.22	62.77 2.05 -36.37
UNION___PROCESSING_DRP 323587	33.51 0.49 -2.34	35.58 0.79 -1.69	28.04 0.50 -2.45	19.83 0.40 -3.52	28.72 0.39 -2.33	33.52 0.53 -1.99	44.07 0.66 -2.30	49.98 0.97 -2.98	49.11 0.90 -3.01	44.21 0.70 -2.27	43.20 0.29 -1.80	40.16 0.38 -1.62	33.38 0.22 -2.04	30.67 0.39 -2.51	30.74 0.34 -2.48	29.47 0.49 -2.89	30.43 0.29 -3.97	45.08 0.70 -3.15	50.48 0.83 -3.76	49.61 0.85 -4.00	47.39 1.23 -2.19	39.37 0.22 -1.97	35.89 0.17 -1.86	27.59 0.51 -2.72
UPPER HUDSON___HYD 24058	55.58 1.44 -23.46	51.53 1.52 -16.90	50.67 1.08 -24.51	51.91 0.70 -35.31	50.46 1.09 -23.38	52.32 1.33 -19.98	66.30 2.10 -23.10	78.54 2.67 -29.84	79.66 3.12 -31.35	67.61 2.72 -23.66	62.18 2.34 -18.73	57.08 2.02 -16.91	53.87 1.49 -21.26	55.26 1.33 -26.15	55.13 1.34 -25.87	57.43 1.23 -30.12	68.73 1.18 -41.38	76.14 2.14 -32.77	87.53 2.48 -39.16	88.87 2.46 -41.64	69.53 2.73 -22.84	59.86 2.16 -20.53	54.82 1.63 -19.33	53.63 1.07 -28.21
UPPER RAQUET___HYD 24056	30.06 -0.61 0.00	32.28 -0.83 0.00	24.64 -0.45 0.00	15.51 -0.40 0.00	25.57 -0.42 0.00	30.44 -0.56 0.00	40.37 -0.74 0.00	44.97 -1.06 0.00	44.06 -1.13 0.00	40.33 -0.91 0.00	40.20 -0.90 0.00	37.28 -0.88 0.00	30.41 -0.71 0.00	26.97 -0.81 0.00	27.00 -0.92 0.00	24.83 -1.25 0.00	25.07 -1.10 0.00	39.54 -1.69 0.00	43.97 -1.93 0.00	42.70 -2.06 0.00	41.63 -2.33 0.00	36.21 -0.97 0.00	33.22 -0.64 0.00	23.77 -0.58 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.39 1.32 -6.39	39.16 1.45 -4.60	32.82 1.05 -6.68	26.24 0.72 -9.62	33.45 1.09 -6.37	37.65 1.21 -5.44	49.13 1.73 -6.29	56.23 2.07 -8.13	55.76 1.99 -8.58	49.52 1.81 -6.48	47.88 1.65 -5.13	44.35 1.56 -4.63	38.22 1.28 -5.82	36.02 1.08 -7.16	36.15 1.15 -7.08	35.43 1.10 -8.25	38.55 1.05 -11.33	51.90 1.69 -8.97	58.78 2.16 -10.72	58.31 2.15 -11.40	52.33 2.11 -6.25	44.36 1.56 -5.62	40.48 1.32 -5.29	33.04 0.98 -7.71
VISCHER___FERRY HYD 24020	54.70 1.01 -23.02	50.81 1.13 -16.58	49.96 0.83 -24.04	51.07 0.52 -34.64	49.76 0.83 -22.94	51.63 1.02 -19.61	65.17 1.40 -22.66	76.91 1.61 -29.27	77.72 1.81 -30.72	66.07 1.65 -23.18	61.06 1.60 -18.35	56.21 1.49 -16.57	53.13 1.18 -20.83	54.48 1.08 -25.63	54.33 1.06 -25.35	56.62 1.02 -29.51	67.69 0.97 -40.55	75.04 1.69 -32.11	86.11 1.84 -38.37	87.27 1.70 -40.81	68.15 1.80 -22.38	58.71 1.41 -20.12	53.99 1.18 -18.95	52.75 0.76 -27.64
V_CMM_10_SYNC_DSASP 323787	30.00 -0.68 0.00	32.24 -0.86 0.00	24.56 -0.53 0.00	15.49 -0.41 0.00	25.47 -0.52 0.00	30.32 -0.68 0.00	40.24 -0.87 0.00	44.88 -1.15 0.00	44.02 -1.18 0.00	40.16 -1.07 0.00	40.12 -0.99 0.00	37.24 -0.92 0.00	30.34 -0.78 0.00	27.02 -0.75 0.00	27.17 -0.75 0.00	25.28 -0.81 0.00	25.46 -0.71 0.00	40.12 -1.11 0.00	44.52 -1.38 0.00	43.37 -1.39 0.00	42.43 -1.54 0.00	36.36 -0.82 0.00	33.22 -0.64 0.00	23.80 -0.56 0.00
V_CMP_10_SYNC_DSASP 323788	31.17 0.49 0.00	33.14 0.03 0.00	25.01 -0.08 0.00	15.51 -0.40 0.00	26.43 0.44 0.00	31.65 0.65 0.00	42.34 1.23 0.00	47.46 1.43 0.00	46.60 1.40 0.00	42.43 1.20 0.00	42.26 1.15 0.00	38.96 0.80 0.00	31.62 0.50 0.00	28.11 0.33 0.00	28.14 0.22 0.00	26.22 0.13 0.00	26.56 0.39 0.00	41.53 0.29 0.00	46.31 0.41 0.00	45.43 0.67 0.00	44.19 0.22 0.00	37.99 0.82 0.00	34.71 0.85 0.00	24.82 0.46 0.00
V_F_30_NSUNC___DSASP 323816	55.63 1.56 -23.39	51.64 1.69 -16.85	50.75 1.23 -24.43	51.91 0.79 -35.21	50.55 1.25 -23.31	52.41 1.49 -19.93	66.32 2.18 -23.03	78.45 2.67 -29.75	79.38 2.94 -31.25	67.46 2.64 -23.58	62.20 2.42 -18.67	57.19 2.17 -16.86	53.99 1.68 -21.19	55.34 1.50 -26.07	55.22 1.51 -25.79	57.54 1.43 -30.03	68.81 1.39 -41.25	76.29 2.39 -32.67	87.64 2.71 -39.04	88.92 2.64 -41.52	69.51 2.77 -22.77	59.80 2.16 -20.47	54.90 1.76 -19.27	53.67 1.19 -28.12
V_F_30_SYNC_DSASP 323786	54.27 0.49 -23.10	50.27 0.53 -16.64	49.57 0.35 -24.13	50.92 0.24 -34.77	49.41 0.39 -23.02	51.21 0.53 -19.68	64.51 0.66 -22.74	76.15 0.73 -29.38	76.96 0.95 -30.81	65.31 0.82 -23.25	60.30 0.78 -18.41	55.50 0.72 -16.62	52.58 0.56 -20.90	53.98 0.50 -25.71	53.85 0.50 -25.43	56.18 0.49 -29.60	67.29 0.44 -40.68	74.35 0.91 -32.21	85.39 1.01 -38.49	86.64 0.94 -40.93	67.43 1.01 -22.45	58.10 0.74 -20.18	53.44 0.58 -19.00	52.40 0.32 -27.73



V_XM_10_SYNC_DSASP 323789	31.17 0.49 0.00	33.14 0.03 0.00	25.01 -0.08 0.00	15.51 -0.40 0.00	26.43 0.44 0.00	31.65 0.65 0.00	42.34 1.23 0.00	47.46 1.43 0.00	46.60 1.40 0.00	42.43 1.20 0.00	42.26 1.15 0.00	38.96 0.80 0.00	31.62 0.50 0.00	28.11 0.33 0.00	28.14 0.22 0.00	26.22 0.13 0.00	26.56 0.39 0.00	41.53 0.29 0.00	46.31 0.41 0.00	45.43 0.67 0.00	44.19 0.22 0.00	37.99 0.82 0.00	34.71 0.85 0.00	24.82 0.46 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.49 1.84 -16.98	47.25 1.92 -12.23	44.28 1.45 -17.73	42.38 0.92 -25.55	44.42 1.51 -16.92	47.29 1.83 -14.46	60.29 2.47 -16.71	70.34 2.72 -21.59	70.58 2.71 -22.67	60.65 2.31 -17.11	56.95 2.30 -13.54	52.48 2.10 -12.23	48.21 1.71 -15.38	48.21 1.53 -18.92	48.19 1.56 -18.71	49.35 1.49 -21.78	57.64 1.54 -29.93	67.37 2.43 -23.70	77.16 2.94 -28.32	77.93 3.05 -30.12	63.30 2.82 -16.52	54.25 2.23 -14.85	49.88 2.03 -13.98	46.22 1.46 -20.40
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.43 2.15 -17.61	48.01 2.22 -12.69	45.14 1.66 -18.39	43.47 1.07 -26.50	45.31 1.77 -17.55	48.18 2.17 -15.01	61.33 2.88 -17.35	71.78 3.17 -22.57	72.26 3.16 -23.90	63.97 2.89 -19.85	60.35 2.83 -16.41	58.99 2.60 -18.24	58.52 2.15 -25.25	58.76 1.91 -29.08	58.75 1.95 -28.88	60.00 1.85 -32.06	59.88 1.89 -31.83	69.30 2.93 -25.14	78.79 3.44 -29.44	79.47 3.45 -31.26	64.93 3.25 -17.71	55.84 2.64 -16.03	52.88 2.44 -16.58	49.14 1.78 -23.01
WADING RIVER_IC_1 23522	68.01 3.13 -34.20	55.12 3.31 -18.70	49.73 2.51 -22.13	49.78 1.64 -32.24	49.72 2.70 -21.03	49.16 3.07 -15.09	68.36 4.36 -22.89	73.31 4.88 -22.41	73.69 4.97 -23.52	71.06 4.45 -25.37	69.03 4.11 -23.81	68.17 3.89 -26.12	66.13 3.27 -31.74	65.67 2.83 -35.06	65.52 2.79 -34.81	68.71 2.69 -39.93	75.71 2.85 -46.69	78.53 4.33 -32.97	116.62 5.00 -65.72	91.56 4.97 -41.83	83.17 4.75 -34.45	71.39 3.90 -30.32	64.78 3.69 -27.22	63.43 2.70 -36.37
WADING RIVER_IC_2 23547	68.01 3.13 -34.20	55.12 3.31 -18.70	49.73 2.51 -22.13	49.78 1.64 -32.24	49.72 2.70 -21.03	49.16 3.07 -15.09	68.36 4.36 -22.89	73.31 4.88 -22.41	73.69 4.97 -23.52	71.06 4.45 -25.37	69.03 4.11 -23.81	68.17 3.89 -26.12	66.13 3.27 -31.74	65.67 2.83 -35.06	65.52 2.79 -34.81	68.71 2.69 -39.93	75.71 2.85 -46.69	78.53 4.33 -32.97	116.62 5.00 -65.72	91.56 4.97 -41.83	83.17 4.75 -34.45	71.39 3.90 -30.32	64.78 3.69 -27.22	63.43 2.70 -36.37
WADING RIVER_IC_3 23601	68.01 3.13 -34.20	55.12 3.31 -18.70	49.73 2.51 -22.13	49.78 1.64 -32.24	49.72 2.70 -21.03	49.16 3.07 -15.09	68.36 4.36 -22.89	73.31 4.88 -22.41	73.69 4.97 -23.52	71.06 4.45 -25.37	69.03 4.11 -23.81	68.17 3.89 -26.12	66.13 3.27 -31.74	65.67 2.83 -35.06	65.52 2.79 -34.81	68.71 2.69 -39.93	75.71 2.85 -46.69	78.53 4.33 -32.97	116.62 5.00 -65.72	91.56 4.97 -41.83	83.17 4.75 -34.45	71.39 3.90 -30.32	64.78 3.69 -27.22	63.43 2.70 -36.37
WALDEN___HYDRO 24148	49.46 1.72 -17.07	47.18 1.79 -12.29	44.27 1.35 -17.83	42.45 0.86 -25.69	44.43 1.43 -17.01	47.24 1.70 -14.54	60.17 2.26 -16.80	70.27 2.53 -21.71	70.56 2.57 -22.79	60.62 2.18 -17.20	56.86 2.14 -13.61	52.35 1.91 -12.29	48.10 1.52 -15.46	48.18 1.39 -19.01	48.18 1.45 -18.81	49.36 1.38 -21.90	57.72 1.46 -30.09	67.41 2.35 -23.82	77.17 2.80 -28.47	77.95 2.91 -30.28	63.21 2.64 -16.61	54.18 2.08 -14.93	49.82 1.90 -14.06	46.25 1.39 -20.51
WARRENSBURG___ 23737	55.58 1.44 -23.46	51.53 1.52 -16.90	50.67 1.08 -24.51	51.91 0.70 -35.31	50.46 1.09 -23.38	52.32 1.33 -19.98	66.30 2.10 -23.10	78.54 2.67 -29.84	79.66 3.12 -31.35	67.61 2.72 -23.66	62.18 2.34 -18.73	57.08 2.02 -16.91	53.87 1.49 -21.26	55.26 1.33 -26.15	55.13 1.34 -25.87	57.43 1.23 -30.12	68.73 1.18 -41.38	76.14 2.14 -32.77	87.53 2.48 -39.16	88.87 2.46 -41.64	69.53 2.73 -22.84	59.86 2.16 -20.53	54.82 1.63 -19.33	53.63 1.07 -28.21
WATERSIDE___6 8 9 23538	50.58 2.27 -17.64	48.20 2.38 -12.71	45.30 1.81 -18.41	43.57 1.15 -26.52	45.45 1.90 -17.56	48.31 2.29 -15.02	61.51 3.04 -17.36	74.89 3.32 -25.54	78.87 3.26 -30.42	75.30 2.97 -31.10	73.18 3.00 -29.07	73.14 2.71 -32.28	73.29 2.24 -39.93	73.32 2.03 -43.52	73.38 2.04 -43.43	72.92 1.93 -44.91	73.18 1.99 -45.02	78.92 3.09 -34.59	80.06 3.53 -30.63	79.91 3.62 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.29 2.51 -25.92	50.90 1.80 -24.74
WDELAWARE___HYD 323627	48.05 1.90 -15.47	46.23 1.99 -11.14	42.78 1.53 -16.16	40.16 0.97 -23.28	43.02 1.61 -15.42	46.29 2.11 -13.18	58.89 2.55 -15.23	68.56 2.85 -19.68	68.79 2.94 -20.66	59.30 2.47 -15.59	55.79 2.34 -12.34	51.40 2.10 -11.14	46.81 1.68 -14.01	46.48 1.47 -17.24	46.54 1.56 -17.05	47.42 1.49 -19.85	55.09 1.65 -27.28	65.48 2.64 -21.60	74.83 3.12 -25.81	75.44 3.22 -27.45	61.88 2.86 -15.06	52.98 2.27 -13.53	48.71 2.10 -12.74	44.48 1.54 -18.59
WEST BABYLON___IC 23714	67.95 3.07 -34.20	55.09 3.28 -18.70	49.71 2.48 -22.13	49.73 1.59 -32.24	49.65 2.62 -21.03	49.16 3.07 -15.09	68.24 4.24 -22.89	73.13 4.70 -22.41	73.46 4.74 -23.52	70.85 4.25 -25.37	68.91 3.99 -23.81	67.94 3.66 -26.12	65.91 3.05 -31.74	65.56 2.72 -35.06	65.49 2.76 -34.81	68.63 2.61 -39.93	75.56 2.70 -46.69	78.29 4.08 -32.97	116.30 4.68 -65.72	91.25 4.66 -41.83	82.95 4.53 -34.45	71.24 3.75 -30.32	64.61 3.52 -27.22	63.31 2.58 -36.37
WEST CANADA___HYD 24049	30.74 0.06 0.00	33.17 0.07 0.00	25.14 0.05 0.00	15.95 0.05 0.00	26.04 0.05 0.00	31.06 0.06 0.00	41.15 0.04 0.00	46.12 0.09 0.00	45.28 0.09 0.00	41.36 0.12 0.00	41.19 0.08 0.00	38.23 0.08 0.00	31.18 0.06 0.00	27.83 0.06 0.00	27.98 0.06 0.00	26.14 0.05 0.00	26.19 0.03 0.00	41.32 0.08 0.00	45.99 0.09 0.00	44.90 0.13 0.00	44.10 0.13 0.00	37.25 0.07 0.00	33.90 0.03 0.00	24.40 0.05 0.00
WESTERN_NY_WIND 24143	34.25 0.89 -2.69	36.33 1.29 -1.94	28.80 0.90 -2.81	20.63 0.68 -4.04	29.37 0.70 -2.68	34.22 0.93 -2.29	44.78 1.03 -2.64	50.96 1.52 -3.41	49.93 1.31 -3.42	44.85 1.03 -2.59	43.61 0.45 -2.05	40.54 0.53 -1.85	33.78 0.34 -2.32	31.21 0.58 -2.85	31.22 0.47 -2.82	29.92 0.55 -3.29	30.94 0.26 -4.52	45.55 0.74 -3.58	50.95 0.78 -4.27	50.15 0.85 -4.54	47.91 1.45 -2.49	39.49 0.07 -2.24	36.01 0.03 -2.11	28.22 0.73 -3.14
WESTOVER___LESR 323668	37.15 0.74 -5.74	38.16 0.93 -4.13	31.71 0.63 -5.99	24.98 0.44 -8.63	32.31 0.60 -5.72	36.63 0.74 -4.89	47.74 0.99 -5.65	54.66 1.34 -7.30	54.11 1.17 -7.74	48.15 1.07 -5.84	46.64 0.90 -4.62	43.17 0.84 -4.18	37.09 0.72 -5.25	34.93 0.69 -6.46	35.01 0.70 -6.39	34.23 0.70 -7.44	37.01 0.63 -10.22	50.40 1.07 -8.09	56.90 1.33 -9.67	56.39 1.34 -10.29	51.06 1.45 -5.64	42.99 0.74 -5.07	39.28 0.64 -4.77	31.91 0.61 -6.95
WETHRSFD_WT_PWR 323626	34.58 0.43 -3.47	36.43 0.83 -2.50	29.24 0.53 -3.62	21.56 0.43 -5.22	29.79 0.34 -3.46	34.36 0.40 -2.96	45.02 0.50 -3.42	51.46 1.01 -4.41	50.40 0.90 -4.30	45.26 0.78 -3.25	43.93 0.25 -2.57	40.63 0.15 -2.32	34.22 0.19 -2.92	31.75 0.39 -3.59	31.80 0.34 -3.55	30.66 0.44 -4.13	32.11 0.26 -5.68	46.51 0.78 -4.50	52.23 0.97 -5.37	51.42 0.94 -5.71	48.55 1.45 -3.13	40.10 0.11 -2.82	36.58 0.07 -2.65	28.83 0.61 -3.87



WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.39 1.72 -17.00	47.17 1.82 -12.24	44.20 1.35 -17.75	42.34 0.86 -25.58	44.36 1.43 -16.94	47.21 1.73 -14.48	60.14 2.30 -16.73	70.18 2.53 -21.62	70.38 2.48 -22.70	60.47 2.10 -17.13	56.76 2.10 -13.56	52.31 1.91 -12.24	48.10 1.59 -15.39	48.13 1.42 -18.94	48.10 1.45 -18.73	49.25 1.36 -21.81	57.54 1.41 -29.96	67.19 2.23 -23.73	76.96 2.71 -28.35	77.74 2.82 -30.16	63.14 2.64 -16.54	54.16 2.12 -14.87	49.79 1.93 -14.00	46.17 1.39 -20.42
YORK____WARBASSE 23770	50.71 2.39 -17.64	48.36 2.55 -12.71	45.40 1.91 -18.41	43.63 1.21 -26.52	45.55 2.00 -17.56	48.44 2.42 -15.02	61.64 3.17 -17.36	74.84 3.27 -25.54	78.87 3.26 -30.42	75.26 2.93 -31.10	73.14 2.96 -29.07	73.14 2.71 -32.28	73.26 2.21 -39.93	73.29 2.00 -43.52	73.38 2.04 -43.43	72.90 1.90 -44.91	73.18 1.99 -45.02	79.00 3.18 -34.59	80.15 3.63 -30.63	80.18 3.89 -31.53	74.76 3.43 -27.36	66.53 2.79 -26.57	62.25 2.47 -25.92	50.87 1.78 -24.74