

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/25/2018

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	40.38	19.46	33.06	41.67	32.63	43.22	22.85	17.12	30.15	33.13	38.15	40.00	38.45	29.09	33.44	39.01	37.75	66.06	70.36	75.82	42.71	27.99	31.38	26.81
24138	0.37	0.33	1.76	1.91	2.17	2.10	0.70	1.41	2.59	3.02	3.36	3.50	3.38	2.61	3.13	3.64	3.35	5.35	5.60	6.43	3.75	2.53	2.55	2.08
	-35.59	-14.92	-8.14	-12.91	-2.30	-15.46	-14.19	0.00	0.00	0.00	-1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.35	0.00
74TH STREET_GT_1	40.39	19.47	33.08	41.69	32.64	43.24	22.86	17.12	30.16	33.15	38.18	40.03	38.48	29.11	33.45	39.04	37.79	66.12	70.46	75.92	42.77	28.03	31.42	26.84
24260	0.38	0.34	1.78	1.93	2.18	2.12	0.70	1.42	2.59	3.04	3.39	3.53	3.42	2.63	3.14	3.67	3.38	5.42	5.71	6.54	3.81	2.57	2.58	2.11
	-35.60	-14.92	-8.14	-12.91	-2.30	-15.46	-14.19	0.00	0.00	0.00	-1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.35	0.00
74TH STREET_GT_2	40.39	19.47	33.08	41.69	32.64	43.24	22.86	17.12	30.16	33.15	38.18	40.03	38.48	29.11	33.45	39.04	37.79	66.12	70.46	75.92	42.77	28.03	31.42	26.84
24261	0.38	0.34	1.78	1.93	2.18	2.12	0.70	1.42	2.59	3.04	3.39	3.53	3.42	2.63	3.14	3.67	3.38	5.42	5.71	6.54	3.81	2.57	2.58	2.11
	-35.60	-14.92	-8.14	-12.91	-2.30	-15.46	-14.19	0.00	0.00	0.00	-1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.35	0.00
ADK HUDSON___FALLS	52.55	24.55	35.88	46.29	33.48	48.57	27.69	17.01	30.02	32.97	38.39	40.06	38.46	29.08	33.29	38.90	37.87	66.70	70.96	76.08	42.65	27.82	32.01	26.70
24011	0.36	0.32	1.80	2.11	2.24	2.16	0.67	1.30	2.46	2.86	3.24	3.56	3.40	2.60	2.98	3.53	3.47	6.00	6.21	6.69	3.69	2.36	2.37	1.97
	-47.78	-20.03	-10.93	-17.33	-3.08	-20.75	-19.05	0.00	0.00	-0.01	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.15	0.00
ADK RESOURCE___RCVRY	52.18	24.42	36.04	46.45	33.80	48.69	27.61	17.19	30.37	33.35	38.79	40.52	38.90	29.42	33.67	39.36	38.28	67.40	71.69	76.92	43.15	28.14	32.29	26.97
23798	0.40	0.36	2.05	2.42	2.59	2.46	0.76	1.49	2.81	3.25	3.65	4.01	3.84	2.94	3.36	3.99	3.88	6.69	6.94	7.54	4.18	2.68	2.69	2.23
	-47.36	-19.86	-10.83	-17.18	-3.06	-20.57	-18.88	0.00	0.00	-0.01	-1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.12	0.00
ADK S GLENS___FALLS	52.55	24.55	35.88	46.29	33.48	48.57	27.69	17.01	30.02	32.97	38.39	40.06	38.46	29.08	33.29	38.90	37.87	66.70	70.96	76.08	42.65	27.82	32.01	26.70
24028	0.36	0.32	1.80	2.11	2.24	2.16	0.67	1.30	2.46	2.86	3.24	3.56	3.40	2.60	2.98	3.53	3.47	6.00	6.21	6.69	3.69	2.36	2.37	1.97
	-47.78	-20.03	-10.93	-17.33	-3.08	-20.75	-19.05	0.00	0.00	-0.01	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.15	0.00
ADK_NYS___DAM	51.33	24.06	35.69	45.95	33.58	48.12	27.22	17.06	30.04	33.02	38.39	40.10	38.51	29.12	33.32	38.93	37.79	66.42	70.73	75.97	42.65	27.89	32.09	26.85
23527	0.37	0.34	1.89	2.22	2.41	2.24	0.69	1.35	2.48	2.91	3.27	3.60	3.45	2.64	3.01	3.56	3.39	5.72	5.97	6.59	3.69	2.43	2.53	2.12
	-46.55	-19.52	-10.65	-16.88	-3.00	-20.22	-18.56	0.00	0.00	-0.01	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.07	0.00
AIR_PRODUCTS___DRP	50.35	23.60	34.94	44.96	32.79	47.13	26.66	16.56	28.82	31.64	37.04	38.60	37.08	28.00	32.00	37.23	36.18	63.56	67.74	72.74	40.87	26.88	31.26	26.20
24190	0.27	0.25	1.34	1.54	1.69	1.63	0.48	0.86	1.26	1.53	1.95	2.10	2.02	1.52	1.69	1.87	1.78	2.85	2.99	3.35	1.91	1.43	1.76	1.46
	-45.67	-19.15	-10.45	-16.57	-2.95	-19.84	-18.21	0.00	0.00	-0.01	-1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.01	0.00
ALBANY___1	50.35	23.60	34.94	44.96	32.79	47.13	26.66	16.56	28.82	31.64	37.04	38.60	37.08	28.00	32.00	37.23	36.18	63.56	67.74	72.74	40.87	26.88	31.26	26.20
23571	0.27	0.25	1.34	1.54	1.69	1.63	0.48	0.86	1.26	1.53	1.95	2.10	2.02	1.52	1.69	1.87	1.78	2.85	2.99	3.35	1.91	1.43	1.76	1.46
	-45.67	-19.15	-10.45	-16.57	-2.95	-19.84	-18.21	0.00	0.00	-0.01	-1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.01	0.00
ALBANY___2	50.35	23.60	34.94	44.96	32.79	47.13	26.66	16.56	28.82	31.64	37.04	38.60	37.08	28.00	32.00	37.23	36.18	63.56	67.74	72.74	40.87	26.88	31.26	26.20
23572	0.27	0.25	1.34	1.54	1.69	1.63	0.48	0.86	1.26	1.53	1.95	2.10	2.02	1.52	1.69	1.87	1.78	2.85	2.99	3.35	1.91	1.43	1.76	1.46
	-45.67	-19.15	-10.45	-16.57	-2.95	-19.84	-18.21	0.00	0.00	-0.01	-1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.01	0.00
ALBANY___3	50.35	23.60	34.94	44.96	32.79	47.13	26.66	16.56	28.82	31.64	37.04	38.60	37.08	28.00	32.00	37.23	36.18	63.56	67.74	72.74	40.87	26.88	31.26	26.20
23573	0.27	0.25	1.34	1.54	1.69	1.63	0.48	0.86	1.26	1.53	1.95	2.10	2.02	1.52	1.69	1.87	1.78	2.85	2.99	3.35	1.91	1.43	1.76	1.46
	-45.67	-19.15	-10.45	-16.57	-2.95	-19.84	-18.21	0.00	0.00	-0.01	-1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.01	0.00
ALBANY___4	50.35	23.60	34.94	44.96	32.79	47.13	26.66	16.56	28.82	31.64	37.04	38.60	37.08	28.00	32.00	37.23	36.18	63.56	67.74	72.74	40.87	26.88	31.26	26.20
23574	0.27	0.25	1.34	1.54	1.69	1.63	0.48	0.86	1.26	1.53	1.95	2.10	2.02	1.52	1.69	1.87	1.78	2.85	2.99	3.35	1.91	1.43	1.76	1.46
	-45.67	-19.15	-10.45	-16.57	-2.95	-19.84	-18.21	0.00	0.00	-0.01	-1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.01	0.00



ALBANY___LFGE 323615	51.41 0.31 -46.68	24.06 0.28 -19.57	35.36 1.53 -10.68	45.55 1.76 -16.93	33.10 1.93 -3.01	47.78 1.84 -20.28	27.14 0.56 -18.61	16.73 1.03 0.00	29.19 1.63 0.00	32.07 1.97 -0.01	37.51 2.38 -1.40	39.09 2.59 0.00	37.55 2.49 0.00	28.36 1.88 0.00	32.42 2.12 0.00	37.77 2.40 0.00	36.74 2.34 0.00	64.58 3.88 0.00	68.79 4.04 0.00	73.84 4.46 0.00	41.46 2.50 0.00	27.21 1.75 0.00	31.59 2.02 -3.08	26.42 1.68 0.00
ALCOA_RYNLDS___DRP 24188	4.30 -0.12 0.00	4.06 -0.14 0.00	22.62 -0.54 0.00	26.30 -0.55 0.00	27.47 -0.69 0.00	24.80 -0.86 0.00	7.75 -0.23 0.00	15.25 -0.45 0.00	26.71 -0.86 0.00	28.79 -1.31 0.00	32.23 -1.49 0.00	34.86 -1.63 0.00	33.43 -1.63 0.00	25.25 -1.23 0.00	28.86 -1.44 0.00	33.62 -1.75 0.00	32.71 -1.68 0.00	57.96 -2.75 0.00	62.01 -2.74 0.00	66.13 -3.25 0.00	37.17 -1.79 0.00	24.22 -1.24 0.00	25.27 -1.22 0.00	23.94 -0.79 0.00
ALCOA___DSASP 323711	4.30 -0.12 0.00	4.06 -0.14 0.00	22.62 -0.54 0.00	26.30 -0.55 0.00	27.47 -0.69 0.00	24.80 -0.86 0.00	7.75 -0.23 0.00	15.25 -0.45 0.00	26.71 -0.86 0.00	28.79 -1.31 0.00	32.23 -1.49 0.00	34.86 -1.63 0.00	33.43 -1.63 0.00	25.25 -1.23 0.00	28.86 -1.44 0.00	33.62 -1.75 0.00	32.71 -1.68 0.00	57.96 -2.75 0.00	62.01 -2.74 0.00	66.13 -3.25 0.00	37.17 -1.79 0.00	24.22 -1.24 0.00	25.27 -1.22 0.00	23.94 -0.79 0.00
ALLEGHENY___COGEN 23514	10.63 0.09 -6.13	6.86 0.09 -2.57	24.79 0.23 -1.40	29.41 0.33 -2.22	29.16 0.60 -0.39	28.97 0.65 -2.66	10.60 0.19 -2.44	16.10 0.40 0.00	28.47 0.90 0.00	31.30 1.20 0.00	35.24 1.34 -0.18	38.03 1.53 0.00	36.67 1.61 0.00	27.66 1.17 0.00	31.50 1.19 0.00	36.94 1.57 0.00	36.20 1.80 0.00	64.66 3.96 0.00	68.80 4.04 0.00	73.35 3.96 0.00	40.97 2.01 0.00	26.60 1.15 0.00	27.77 0.87 -0.40	25.37 0.64 0.00
ALTONA_WT_PWR 323606	4.31 -0.10 0.00	4.12 -0.08 0.00	23.00 -0.15 0.00	26.80 -0.05 0.00	27.95 -0.21 0.00	25.40 -0.27 0.00	7.87 -0.10 0.00	15.52 -0.18 0.00	27.36 -0.20 0.00	29.64 -0.46 0.00	33.22 -0.50 0.00	35.98 -0.51 0.00	34.48 -0.58 0.00	25.98 -0.50 0.00	29.67 -0.64 0.00	34.59 -0.78 0.00	33.56 -0.84 0.00	59.35 -1.35 0.00	63.33 -1.43 0.00	67.71 -1.68 0.00	38.24 -0.72 0.00	24.95 -0.51 0.00	26.08 -0.41 0.00	24.51 -0.22 0.00
AMERICAN_REF_FUEL 24010	9.46 -0.39 -5.44	6.17 -0.31 -2.28	22.33 -2.07 -1.24	26.70 -2.12 -1.97	26.70 -1.82 -0.35	26.45 -1.57 -2.36	9.61 -0.52 -2.17	14.56 -1.15 0.00	25.57 -1.99 0.00	27.79 -2.31 0.00	31.11 -2.78 -0.16	33.68 -2.82 0.00	32.57 -2.49 0.00	24.56 -1.93 0.00	27.91 -2.39 0.00	32.82 -2.55 0.00	32.14 -2.25 0.00	57.68 -3.03 0.00	61.42 -3.34 0.00	65.27 -4.12 0.00	36.48 -2.48 0.00	23.64 -1.81 0.00	24.67 -2.17 -0.36	22.63 -2.10 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	10.35 -0.14 -6.08	6.65 -0.10 -2.55	23.63 -0.91 -1.39	28.22 -0.84 -2.21	28.06 -0.49 -0.39	27.95 -0.36 -2.64	10.25 -0.14 -2.43	15.38 -0.32 0.00	27.11 -0.45 0.00	29.62 -0.48 0.00	33.27 -0.64 -0.18	36.04 -0.46 0.00	34.84 -0.22 0.00	26.26 -0.22 0.00	29.90 -0.41 0.00	35.14 -0.23 0.00	34.40 0.00 0.00	61.71 1.01 0.00	65.66 0.91 0.00	69.92 0.54 0.00	39.08 0.12 0.00	25.37 -0.08 0.00	26.49 -0.40 -0.40	24.19 -0.54 0.00
ARTHUR_KILL_GT_1 23520	40.40 0.39 -35.60	19.45 0.33 -14.92	32.99 1.70 -8.14	41.63 1.87 -12.91	32.55 2.09 -2.30	43.17 2.05 -15.46	22.85 0.69 -14.19	17.09 1.39 0.00	30.07 2.51 0.00	33.06 2.95 0.00	38.06 3.27 -1.07	39.92 3.42 0.00	38.33 3.27 0.00	28.99 2.51 0.00	33.30 3.00 0.00	38.91 3.54 0.00	37.54 3.14 0.00	65.65 4.95 0.00	70.10 5.35 0.00	75.57 6.18 0.00	42.66 3.70 0.00	27.96 2.50 0.00	31.35 2.52 -2.35	26.78 2.05 0.00
ARTHUR_KILL_2 23512	40.40 0.39 -35.60	19.45 0.33 -14.92	32.99 1.70 -8.14	41.63 1.87 -12.91	32.55 2.09 -2.30	43.17 2.05 -15.46	22.85 0.69 -14.19	17.09 1.39 0.00	30.07 2.51 0.00	33.06 2.95 0.00	38.06 3.27 -1.07	39.92 3.42 0.00	38.33 3.27 0.00	28.99 2.51 0.00	33.30 3.00 0.00	38.91 3.54 0.00	37.54 3.14 0.00	65.65 4.95 0.00	70.10 5.35 0.00	75.57 6.18 0.00	42.66 3.70 0.00	27.96 2.50 0.00	31.35 2.52 -2.35	26.78 2.05 0.00
ARTHUR_KILL_3 23513	40.37 0.36 -35.59	19.45 0.32 -14.92	32.97 1.67 -8.14	41.56 1.80 -12.91	32.51 2.06 -2.30	43.11 1.99 -15.46	22.83 0.67 -14.19	17.08 1.37 0.00	30.06 2.50 0.00	33.03 2.93 0.00	38.04 3.25 -1.07	39.87 3.37 0.00	38.32 3.26 0.00	29.00 2.51 0.00	33.33 3.02 0.00	38.89 3.53 0.00	37.60 3.20 0.00	65.74 5.04 0.00	70.04 5.29 0.00	75.49 6.11 0.00	42.55 3.59 0.00	27.90 2.44 0.00	31.30 2.46 -2.35	26.72 1.99 0.00
ARTHUR_KILL_COGEN 323718	40.40 0.39 -35.60	19.45 0.33 -14.92	32.99 1.70 -8.14	41.63 1.87 -12.91	32.55 2.09 -2.30	43.17 2.05 -15.46	22.85 0.69 -14.19	17.09 1.39 0.00	30.07 2.51 0.00	33.06 2.95 0.00	38.06 3.27 -1.07	39.92 3.42 0.00	38.33 3.27 0.00	28.99 2.51 0.00	33.30 3.00 0.00	38.91 3.54 0.00	37.54 3.14 0.00	65.65 4.95 0.00	70.10 5.35 0.00	75.57 6.18 0.00	42.66 3.70 0.00	27.96 2.50 0.00	31.35 2.52 -2.35	26.78 2.05 0.00
ASHOKAN____ 23654	43.58 0.48 -38.69	20.85 0.42 -16.22	34.26 2.26 -8.85	43.44 2.56 -14.03	33.42 2.77 -2.50	45.18 2.71 -16.81	24.26 0.86 -15.43	17.43 1.72 0.00	30.73 3.17 0.00	33.83 3.72 0.00	39.14 4.25 -1.16	41.02 4.52 0.00	39.41 4.35 0.00	29.77 3.29 0.00	34.12 3.81 0.00	39.80 4.43 0.00	38.79 4.39 0.00	68.37 7.67 0.00	72.73 7.97 0.00	77.90 8.52 0.00	43.74 4.78 0.00	28.58 3.12 0.00	32.14 3.10 -2.55	27.31 2.58 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.42 0.41 -35.60	19.46 0.34 -14.92	33.05 1.75 -8.14	41.67 1.91 -12.91	32.59 2.14 -2.30	43.21 2.09 -15.46	22.87 0.71 -14.19	17.11 1.40 0.00	30.09 2.53 0.00	33.07 2.97 0.00	38.11 3.32 -1.07	40.06 3.55 0.00	38.42 3.36 0.00	29.06 2.58 0.00	33.40 3.09 0.00	38.98 3.62 0.00	37.69 3.29 0.00	65.85 5.14 0.00	70.47 5.71 0.00	75.83 6.45 0.00	42.75 3.79 0.00	28.01 2.55 0.00	31.39 2.55 -2.35	26.80 2.07 0.00
ASTORIA_GT2_I 24094	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00



ASTORIA_GT2_2 24095	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT2_3 24096	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT2_4 24097	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT3_1 24098	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT3_2 24099	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT3_3 24100	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT3_4 24101	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT4_1 24102	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT4_2 24103	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT4_3 24104	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT4_4 24105	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT_1 23523	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT_10 24110	40.42 0.41 -35.60	19.47 0.34 -14.92	33.07 1.77 -8.14	41.67 1.90 -12.91	32.64 2.19 -2.30	43.25 2.13 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.18 2.62 0.00	33.17 3.07 0.00	38.19 3.40 -1.07	40.10 3.61 0.00	38.51 3.45 0.00	29.14 2.66 0.00	33.48 3.17 0.00	39.06 3.69 0.00	37.77 3.37 0.00	66.02 5.31 0.00	70.46 5.71 0.00	75.88 6.49 0.00	42.79 3.83 0.00	28.06 2.60 0.00	31.43 2.59 -2.35	26.85 2.11 0.00
ASTORIA_GT_11 24225	40.42 0.41 -35.60	19.47 0.34 -14.92	33.07 1.77 -8.14	41.67 1.90 -12.91	32.64 2.19 -2.30	43.25 2.13 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.18 2.62 0.00	33.17 3.07 0.00	38.19 3.40 -1.07	40.10 3.61 0.00	38.51 3.45 0.00	29.14 2.66 0.00	33.48 3.17 0.00	39.06 3.69 0.00	37.77 3.37 0.00	66.02 5.31 0.00	70.46 5.71 0.00	75.88 6.49 0.00	42.79 3.83 0.00	28.06 2.60 0.00	31.43 2.59 -2.35	26.85 2.11 0.00
ASTORIA_GT_12 24226	40.42 0.41 -35.60	19.47 0.34 -14.92	33.07 1.77 -8.14	41.67 1.90 -12.91	32.64 2.19 -2.30	43.25 2.13 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.18 2.62 0.00	33.17 3.07 0.00	38.19 3.40 -1.07	40.10 3.61 0.00	38.51 3.45 0.00	29.14 2.66 0.00	33.48 3.17 0.00	39.06 3.69 0.00	37.77 3.37 0.00	66.02 5.31 0.00	70.46 5.71 0.00	75.88 6.49 0.00	42.79 3.83 0.00	28.06 2.60 0.00	31.43 2.59 -2.35	26.85 2.11 0.00



ASTORIA_GT_13 24227	40.42 0.41 -35.60	19.47 0.34 -14.92	33.07 1.77 -8.14	41.67 1.90 -12.91	32.64 2.19 -2.30	43.25 2.13 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.18 2.62 0.00	33.17 3.07 0.00	38.19 3.40 -1.07	40.10 3.61 0.00	38.51 3.45 0.00	29.14 2.66 0.00	33.48 3.17 0.00	39.06 3.69 0.00	37.77 3.37 0.00	66.02 5.31 0.00	70.46 5.71 0.00	75.88 6.49 0.00	42.79 3.83 0.00	28.06 2.60 0.00	31.43 2.59 -2.35	26.85 2.11 0.00
ASTORIA_GT_5 24106	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT_7 24107	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA_GT_8 24108	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA___2 24149	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA___3 23516	40.42 0.41 -35.60	19.47 0.34 -14.92	33.07 1.77 -8.14	41.67 1.90 -12.91	32.64 2.19 -2.30	43.25 2.13 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.18 2.62 0.00	33.17 3.07 0.00	38.19 3.40 -1.07	40.10 3.61 0.00	38.51 3.45 0.00	29.14 2.66 0.00	33.48 3.17 0.00	39.06 3.69 0.00	37.77 3.37 0.00	66.02 5.31 0.00	70.46 5.71 0.00	75.88 6.49 0.00	42.79 3.83 0.00	28.06 2.60 0.00	31.43 2.59 -2.35	26.85 2.11 0.00
ASTORIA___4 23517	40.43 0.41 -35.60	19.47 0.34 -14.92	33.05 1.76 -8.14	41.68 1.91 -12.91	32.60 2.14 -2.30	43.22 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.53 0.00	33.08 2.98 0.00	38.13 3.34 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.49 5.74 0.00	75.86 6.47 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.40 2.56 -2.35	26.81 2.08 0.00
ASTORIA___5 23518	40.42 0.41 -35.60	19.47 0.34 -14.92	33.07 1.77 -8.14	41.67 1.90 -12.91	32.64 2.19 -2.30	43.25 2.13 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.18 2.62 0.00	33.17 3.07 0.00	38.19 3.40 -1.07	40.10 3.61 0.00	38.51 3.45 0.00	29.14 2.66 0.00	33.48 3.17 0.00	39.06 3.69 0.00	37.77 3.37 0.00	66.02 5.31 0.00	70.46 5.71 0.00	75.88 6.49 0.00	42.79 3.83 0.00	28.06 2.60 0.00	31.43 2.59 -2.35	26.85 2.11 0.00
AST_ENERGY_2_CC3 323677	40.37 0.37 -35.59	19.45 0.33 -14.92	32.99 1.70 -8.14	41.54 1.78 -12.91	32.55 2.10 -2.30	43.15 2.03 -15.46	22.84 0.68 -14.19	17.08 1.38 0.00	30.09 2.53 0.00	33.06 2.96 0.00	38.07 3.28 -1.07	39.90 3.40 0.00	38.37 3.31 0.00	29.04 2.55 0.00	33.38 3.07 0.00	38.92 3.56 0.00	37.64 3.24 0.00	65.75 5.04 0.00	70.02 5.27 0.00	75.54 6.16 0.00	42.58 3.62 0.00	27.94 2.48 0.00	31.33 2.50 -2.35	26.75 2.01 0.00
AST_ENERGY_2_CC4 323678	40.37 0.37 -35.59	19.45 0.33 -14.92	32.99 1.70 -8.14	41.54 1.78 -12.91	32.55 2.10 -2.30	43.15 2.03 -15.46	22.84 0.68 -14.19	17.08 1.38 0.00	30.09 2.53 0.00	33.06 2.96 0.00	38.07 3.28 -1.07	39.90 3.40 0.00	38.37 3.31 0.00	29.04 2.55 0.00	33.38 3.07 0.00	38.92 3.56 0.00	37.64 3.24 0.00	65.75 5.04 0.00	70.02 5.27 0.00	75.54 6.16 0.00	42.58 3.62 0.00	27.94 2.48 0.00	31.33 2.50 -2.35	26.75 2.01 0.00
ATHENS_STG_1 23668	44.38 0.26 -39.71	21.09 0.24 -16.65	33.51 1.27 -9.08	42.68 1.43 -14.40	32.29 1.56 -2.56	44.45 1.54 -17.25	24.28 0.48 -15.83	16.65 0.94 0.00	29.28 1.71 0.00	32.12 2.02 0.00	37.18 2.27 -1.19	38.90 2.40 0.00	37.38 2.32 0.00	28.25 1.76 0.00	32.38 2.08 0.00	37.80 2.43 0.00	36.68 2.28 0.00	64.39 3.68 0.00	68.65 3.89 0.00	73.75 4.37 0.00	41.49 2.53 0.00	27.18 1.72 0.00	30.87 1.77 -2.62	26.19 1.45 0.00
ATHENS_STG_2 23670	44.38 0.26 -39.71	21.09 0.24 -16.65	33.51 1.27 -9.08	42.68 1.43 -14.40	32.29 1.56 -2.56	44.45 1.54 -17.25	24.28 0.48 -15.83	16.65 0.94 0.00	29.28 1.71 0.00	32.12 2.02 0.00	37.18 2.27 -1.19	38.90 2.40 0.00	37.38 2.32 0.00	28.25 1.76 0.00	32.38 2.08 0.00	37.80 2.43 0.00	36.68 2.28 0.00	64.39 3.68 0.00	68.65 3.89 0.00	73.75 4.37 0.00	41.49 2.53 0.00	27.18 1.72 0.00	30.87 1.77 -2.62	26.19 1.45 0.00
ATHENS_STG_3 23677	44.38 0.26 -39.71	21.09 0.24 -16.65	33.51 1.27 -9.08	42.68 1.43 -14.40	32.29 1.56 -2.56	44.45 1.54 -17.25	24.28 0.48 -15.83	16.65 0.94 0.00	29.28 1.71 0.00	32.12 2.02 0.00	37.18 2.27 -1.19	38.90 2.40 0.00	37.38 2.32 0.00	28.25 1.76 0.00	32.38 2.08 0.00	37.80 2.43 0.00	36.68 2.28 0.00	64.39 3.68 0.00	68.65 3.89 0.00	73.75 4.37 0.00	41.49 2.53 0.00	27.18 1.72 0.00	30.87 1.77 -2.62	26.19 1.45 0.00
AUBURN___LFGE 323710	8.96 0.06 -4.49	6.14 0.05 -1.88	24.39 0.21 -1.03	28.75 0.27 -1.63	28.76 0.31 -0.29	27.86 0.25 -1.95	9.83 0.08 -1.79	15.89 0.18 0.00	27.94 0.38 0.00	30.57 0.47 0.00	34.39 0.54 -0.13	37.12 0.63 0.00	35.70 0.64 0.00	26.94 0.46 0.00	30.81 0.50 0.00	36.02 0.65 0.00	35.16 0.76 0.00	62.26 1.56 0.00	66.28 1.52 0.00	70.91 1.53 0.00	39.72 0.76 0.00	25.89 0.43 0.00	27.11 0.33 -0.30	25.03 0.29 0.00
BABYLON_RES_REC 323704	63.12 0.51 -58.19	24.65 0.47 -19.98	40.35 2.49 -14.70	44.50 2.77 -14.88	33.46 3.00 -2.30	44.40 2.91 -15.83	25.97 0.93 -17.07	17.56 1.85 0.00	30.86 3.29 0.00	36.42 3.84 -2.48	60.48 4.14 -22.62	96.14 4.32 -55.32	58.57 4.18 -19.33	55.52 3.13 -25.91	72.41 3.74 -38.36	112.46 4.42 -72.66	139.66 4.21 -101.05	134.54 6.92 -66.92	93.51 7.32 -21.43	80.99 7.94 -3.67	48.85 4.74 -5.15	73.96 3.15 -45.36	89.63 3.29 -59.85	69.45 2.76 -41.96



BARRETT_IC_1 23704	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT_IC_10 23701	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT_IC_11 23702	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT_IC_12 23703	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT_IC_2 23705	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT_IC_3 23706	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT_IC_4 23707	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT_IC_5 23708	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT_IC_6 23709	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT_IC_7 23710	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT_IC_8 23711	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT_IC_9 23700	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT___1 23545	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BARRETT___2 23546	63.08 0.47 -58.19	24.61 0.43 -19.98	40.12 2.27 -14.70	44.24 2.51 -14.88	33.21 2.75 -2.30	44.16 2.66 -15.83	25.89 0.86 -17.07	17.42 1.71 0.00	30.64 3.08 0.00	36.13 3.56 -2.48	60.19 3.85 -22.62	95.76 3.94 -55.32	58.28 3.89 -19.33	55.36 2.97 -25.92	72.16 3.48 -38.36	111.94 3.91 -72.66	139.03 3.58 -101.05	133.60 5.97 -66.92	92.64 6.45 -21.43	80.11 7.06 -3.67	48.34 4.23 -5.15	73.64 2.83 -45.36	89.31 2.96 -59.85	69.22 2.53 -41.96
BAYONEEC___CTG1 323682	40.38 0.37 -35.59	19.46 0.33 -14.92	33.04 1.75 -8.14	41.64 1.88 -12.91	32.60 2.14 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.11 1.41 0.00	30.14 2.58 0.00	33.12 3.01 0.00	38.14 3.35 -1.07	39.98 3.49 0.00	38.44 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.70 3.30 0.00	65.94 5.23 0.00	70.26 5.50 0.00	75.75 6.37 0.00	42.68 3.72 0.00	27.98 2.52 0.00	31.37 2.53 -0.25	26.79 2.06 0.00



BAYONEEC___CTG10 323750	40.38 0.37 -35.59	19.46 0.33 -14.92	33.04 1.75 -8.14	41.64 1.88 -12.91	32.60 2.14 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.11 1.41 0.00	30.14 2.58 0.00	33.12 3.01 0.00	38.14 3.35 -1.07	39.98 3.49 0.00	38.44 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.70 3.30 0.00	65.94 5.23 0.00	70.26 5.50 0.00	75.75 6.37 0.00	42.68 3.72 0.00	27.98 2.52 0.00	31.37 2.53 -2.35	26.79 2.06 0.00
BAYONEEC___CTG2 323683	40.38 0.37 -35.59	19.46 0.33 -14.92	33.04 1.75 -8.14	41.64 1.88 -12.91	32.60 2.14 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.11 1.41 0.00	30.14 2.58 0.00	33.12 3.01 0.00	38.14 3.35 -1.07	39.98 3.49 0.00	38.44 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.70 3.30 0.00	65.94 5.23 0.00	70.26 5.50 0.00	75.75 6.37 0.00	42.68 3.72 0.00	27.98 2.52 0.00	31.37 2.53 -2.35	26.79 2.06 0.00
BAYONEEC___CTG3 323684	40.38 0.37 -35.59	19.46 0.33 -14.92	33.04 1.75 -8.14	41.64 1.88 -12.91	32.60 2.14 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.11 1.41 0.00	30.14 2.58 0.00	33.12 3.01 0.00	38.14 3.35 -1.07	39.98 3.49 0.00	38.44 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.70 3.30 0.00	65.94 5.23 0.00	70.26 5.50 0.00	75.75 6.37 0.00	42.68 3.72 0.00	27.98 2.52 0.00	31.37 2.53 -2.35	26.79 2.06 0.00
BAYONEEC___CTG4 323685	40.38 0.37 -35.59	19.46 0.33 -14.92	33.04 1.75 -8.14	41.64 1.88 -12.91	32.60 2.14 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.11 1.41 0.00	30.14 2.58 0.00	33.12 3.01 0.00	38.14 3.35 -1.07	39.98 3.49 0.00	38.44 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.70 3.30 0.00	65.94 5.23 0.00	70.26 5.50 0.00	75.75 6.37 0.00	42.68 3.72 0.00	27.98 2.52 0.00	31.37 2.53 -2.35	26.79 2.06 0.00
BAYONEEC___CTG5 323686	40.38 0.37 -35.59	19.46 0.33 -14.92	33.04 1.75 -8.14	41.64 1.88 -12.91	32.60 2.14 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.11 1.41 0.00	30.14 2.58 0.00	33.12 3.01 0.00	38.14 3.35 -1.07	39.98 3.49 0.00	38.44 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.70 3.30 0.00	65.94 5.23 0.00	70.26 5.50 0.00	75.75 6.37 0.00	42.68 3.72 0.00	27.98 2.52 0.00	31.37 2.53 -2.35	26.79 2.06 0.00
BAYONEEC___CTG6 323687	40.38 0.37 -35.59	19.46 0.33 -14.92	33.04 1.75 -8.14	41.64 1.88 -12.91	32.60 2.14 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.11 1.41 0.00	30.14 2.58 0.00	33.12 3.01 0.00	38.14 3.35 -1.07	39.98 3.49 0.00	38.44 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.70 3.30 0.00	65.94 5.23 0.00	70.26 5.50 0.00	75.75 6.37 0.00	42.68 3.72 0.00	27.98 2.52 0.00	31.37 2.53 -2.35	26.79 2.06 0.00
BAYONEEC___CTG7 323688	40.38 0.37 -35.59	19.46 0.33 -14.92	33.04 1.75 -8.14	41.64 1.88 -12.91	32.60 2.14 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.11 1.41 0.00	30.14 2.58 0.00	33.12 3.01 0.00	38.14 3.35 -1.07	39.98 3.49 0.00	38.44 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.70 3.30 0.00	65.94 5.23 0.00	70.26 5.50 0.00	75.75 6.37 0.00	42.68 3.72 0.00	27.98 2.52 0.00	31.37 2.53 -2.35	26.79 2.06 0.00
BAYONEEC___CTG8 323689	40.38 0.37 -35.59	19.46 0.33 -14.92	33.04 1.75 -8.14	41.64 1.88 -12.91	32.60 2.14 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.11 1.41 0.00	30.14 2.58 0.00	33.12 3.01 0.00	38.14 3.35 -1.07	39.98 3.49 0.00	38.44 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.70 3.30 0.00	65.94 5.23 0.00	70.26 5.50 0.00	75.75 6.37 0.00	42.68 3.72 0.00	27.98 2.52 0.00	31.37 2.53 -2.35	26.79 2.06 0.00
BAYONEEC___CTG9 323749	40.38 0.37 -35.59	19.46 0.33 -14.92	33.04 1.75 -8.14	41.64 1.88 -12.91	32.60 2.14 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.11 1.41 0.00	30.14 2.58 0.00	33.12 3.01 0.00	38.14 3.35 -1.07	39.98 3.49 0.00	38.44 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.70 3.30 0.00	65.94 5.23 0.00	70.26 5.50 0.00	75.75 6.37 0.00	42.68 3.72 0.00	27.98 2.52 0.00	31.37 2.53 -2.35	26.79 2.06 0.00
BEACON___LESR 323632	50.16 0.32 -45.42	23.54 0.29 -19.04	35.15 1.61 -10.39	45.21 1.88 -16.48	33.06 1.97 -2.93	47.28 1.89 -19.73	26.65 0.57 -18.11	16.81 1.10 0.00	29.33 1.77 0.00	32.26 2.16 -0.01	37.62 2.54 -1.37	39.24 2.74 0.00	37.67 2.61 0.00	28.47 1.98 0.00	32.55 2.24 0.00	37.89 2.53 0.00	36.90 2.50 0.00	64.74 4.04 0.00	69.11 4.35 0.00	74.30 4.91 0.00	41.69 2.73 0.00	27.33 1.87 0.00	31.57 2.09 -2.99	26.55 1.81 0.00
BEAVER RIVER___HYD 24048	5.14 0.01 -0.71	4.49 -0.02 -0.30	23.32 0.00 -0.16	27.15 0.04 -0.26	28.18 -0.02 -0.05	25.79 -0.18 -0.31	8.21 -0.04 -0.29	15.63 -0.07 0.00	27.46 -0.10 0.00	29.89 -0.21 0.00	33.56 -0.18 -0.02	36.35 -0.15 0.00	34.96 -0.10 0.00	26.37 -0.11 0.00	30.18 -0.12 0.00	35.25 -0.12 0.00	34.41 0.01 0.00	60.90 0.20 0.00	64.83 0.08 0.00	69.29 -0.10 0.00	38.81 -0.15 0.00	25.27 -0.19 0.00	26.24 -0.30 -0.05	24.55 -0.19 0.00
BEEBEE_GT_13 23619	8.60 -0.13 -4.31	5.91 -0.10 -1.81	23.38 -0.76 -0.99	27.68 -0.73 -1.56	27.90 -0.54 -0.28	27.06 -0.47 -1.87	9.53 -0.15 -1.72	15.37 -0.33 0.00	27.02 -0.54 0.00	29.47 -0.63 0.00	33.07 -0.78 -0.13	35.78 -0.72 0.00	34.50 -0.55 0.00	26.04 -0.44 0.00	29.69 -0.62 0.00	34.83 -0.54 0.00	34.09 -0.31 0.00	60.85 0.15 0.00	64.80 0.05 0.00	69.04 -0.34 0.00	38.60 -0.36 0.00	25.05 -0.40 0.00	26.12 -0.65 -0.28	24.07 -0.66 0.00
BETHLEHEM___GRP 23843	50.35 0.27 -45.67	23.60 0.25 -19.15	34.94 1.34 -10.45	44.96 1.54 -16.57	32.79 1.69 -2.95	47.13 1.63 -19.84	26.66 0.48 -18.21	16.56 0.86 0.00	28.82 1.26 0.00	31.64 1.53 -0.01	37.04 1.95 -1.37	38.60 2.10 0.00	37.08 2.02 0.00	28.00 1.52 0.00	32.00 1.69 0.00	37.23 1.87 0.00	36.18 1.78 0.00	63.56 2.85 0.00	67.74 2.99 0.00	72.74 3.35 0.00	40.87 1.91 0.00	26.88 1.43 0.00	31.26 1.76 -3.01	26.20 1.46 0.00
BETHLEHEM___GS1 323560	50.35 0.27 -45.67	23.60 0.25 -19.15	34.94 1.34 -10.45	44.96 1.54 -16.57	32.79 1.69 -2.95	47.13 1.63 -19.84	26.66 0.48 -18.21	16.56 0.86 0.00	28.82 1.26 0.00	31.64 1.53 -0.01	37.04 1.95 -1.37	38.60 2.10 0.00	37.08 2.02 0.00	28.00 1.52 0.00	32.00 1.69 0.00	37.23 1.87 0.00	36.18 1.78 0.00	63.56 2.85 0.00	67.74 2.99 0.00	72.74 3.35 0.00	40.87 1.91 0.00	26.88 1.43 0.00	31.26 1.76 -3.01	26.20 1.46 0.00
BETHLEHEM___GS2 323561	50.35 0.27 -45.67	23.60 0.25 -19.15	34.94 1.34 -10.45	44.96 1.54 -16.57	32.79 1.69 -2.95	47.13 1.63 -19.84	26.66 0.48 -18.21	16.56 0.86 0.00	28.82 1.26 0.00	31.64 1.53 -0.01	37.04 1.95 -1.37	38.60 2.10 0.00	37.08 2.02 0.00	28.00 1.52 0.00	32.00 1.69 0.00	37.23 1.87 0.00	36.18 1.78 0.00	63.56 2.85 0.00	67.74 2.99 0.00	72.74 3.35 0.00	40.87 1.91 0.00	26.88 1.43 0.00	31.26 1.76 -3.01	26.20 1.46 0.00



BETHLEHEM___GS3 323562	50.35 0.27 -45.67	23.60 0.25 -19.15	34.94 1.34 -10.45	44.96 1.54 -16.57	32.79 1.69 -2.95	47.13 1.63 -19.84	26.66 0.48 -18.21	16.56 0.86 0.00	28.82 1.26 0.00	31.64 1.53 -0.01	37.04 1.95 -1.37	38.60 2.10 0.00	37.08 2.02 0.00	28.00 1.52 0.00	32.00 1.69 0.00	37.23 1.87 0.00	36.18 1.78 0.00	63.56 2.85 0.00	67.74 2.99 0.00	72.74 3.35 0.00	40.87 1.91 0.00	26.88 1.43 0.00	31.26 1.76 -3.01	26.20 1.46 0.00
BETHLEHEM___STEEL 23779	10.07 -0.17 -5.83	6.52 -0.13 -2.44	23.46 -1.03 -1.33	27.99 -0.97 -2.12	27.86 -0.68 -0.38	27.65 -0.54 -2.53	10.08 -0.21 -2.33	15.25 -0.46 0.00	26.85 -0.71 0.00	29.30 -0.80 0.00	32.87 -1.03 -0.17	35.59 -0.91 0.00	34.39 -0.67 0.00	25.92 -0.56 0.00	29.51 -0.80 0.00	34.67 -0.70 0.00	33.89 -0.51 0.00	60.66 -0.04 0.00	64.53 -0.22 0.00	68.67 -0.71 0.00	38.39 -0.57 0.00	24.95 -0.50 0.00	26.09 -0.78 -0.38	23.88 -0.85 0.00
BETHPAGE_CC_5 323564	63.10 0.49 -58.19	24.63 0.45 -19.98	40.24 2.39 -14.70	44.38 2.65 -14.88	33.34 2.89 -2.30	44.29 2.79 -15.83	25.93 0.90 -17.07	17.49 1.78 0.00	30.76 3.20 0.00	36.31 3.73 -2.48	60.41 4.07 -22.62	96.06 4.24 -55.32	58.50 4.11 -19.33	55.44 3.04 -25.91	72.27 3.60 -38.36	112.22 4.19 -72.66	139.38 3.93 -101.05	134.01 6.39 -66.92	92.96 6.77 -21.43	80.47 7.42 -3.67	48.55 4.43 -5.15	73.79 2.98 -45.36	89.51 3.17 -59.85	69.35 2.66 -41.96
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	10.21 -0.11 -5.91	6.61 -0.07 -2.48	23.77 -0.74 -1.35	28.35 -0.65 -2.14	28.18 -0.36 -0.38	27.96 -0.27 -2.57	10.19 -0.13 -2.36	15.42 -0.29 0.00	27.17 -0.39 0.00	29.69 -0.41 0.00	33.31 -0.59 -0.18	36.07 -0.43 0.00	34.86 -0.20 0.00	26.26 -0.22 0.00	29.92 -0.39 0.00	35.12 -0.25 0.00	34.29 -0.11 0.00	61.33 0.63 0.00	65.18 0.43 0.00	69.41 0.03 0.00	38.80 -0.16 0.00	25.25 -0.21 0.00	26.41 -0.46 -0.39	24.16 -0.57 0.00
BINGHAMTON___COGEN 23790	16.20 0.13 -11.66	9.21 0.12 -4.89	26.41 0.59 -2.67	31.78 0.70 -4.23	29.69 0.78 -0.75	31.44 0.71 -5.06	12.81 0.20 -4.65	16.13 0.42 0.00	28.40 0.84 0.00	31.13 1.03 0.00	35.19 1.12 -0.35	37.75 1.25 0.00	36.31 1.25 0.00	27.39 0.91 0.00	31.36 1.05 0.00	36.63 1.26 0.00	35.62 1.22 0.00	62.83 2.12 0.00	66.85 2.10 0.00	71.62 2.24 0.00	40.16 1.20 0.00	26.27 0.81 0.00	28.05 0.79 -0.77	25.40 0.66 0.00
BLACK RIVER___HYD 24047	5.87 0.04 -1.41	4.82 0.02 -0.59	23.63 0.15 -0.32	27.56 0.20 -0.51	28.41 0.16 -0.09	26.30 0.02 -0.61	8.55 0.02 -0.56	15.78 0.08 0.00	27.75 0.19 0.00	30.29 0.19 0.00	34.03 0.27 -0.04	36.87 0.37 0.00	35.45 0.39 0.00	26.75 0.27 0.00	30.62 0.30 0.00	35.76 0.39 0.00	34.98 0.58 0.00	61.97 1.26 0.00	65.94 1.18 0.00	70.46 1.08 0.00	39.43 0.47 0.00	25.63 0.17 0.00	26.60 0.02 -0.09	24.79 0.06 0.00
BLISS_WT_PWR 323608	10.68 0.01 -6.26	6.86 0.03 -2.62	24.37 -0.21 -1.43	28.94 -0.19 -2.27	28.51 -0.05 -0.40	28.44 0.06 -2.72	10.43 -0.03 -2.50	15.76 0.06 0.00	27.86 0.29 0.00	30.64 0.54 0.00	34.39 0.48 -0.19	37.28 0.79 0.00	36.00 0.95 0.00	27.09 0.61 0.00	30.91 0.60 0.00	36.30 0.93 0.00	35.36 0.96 0.00	62.95 2.25 0.00	66.83 2.08 0.00	71.33 1.94 0.00	39.90 0.94 0.00	26.08 0.62 0.00	27.35 0.45 -0.41	24.93 0.20 0.00
BLUE_CIRC_CHEM_DRP 24182	49.02 0.28 -44.32	23.04 0.26 -18.58	34.71 1.42 -10.14	44.56 1.64 -16.07	32.80 1.78 -2.86	46.63 1.71 -19.25	26.16 0.52 -17.67	16.67 0.96 0.00	29.12 1.56 0.00	31.97 1.86 -0.01	37.28 2.23 -1.33	38.91 2.41 0.00	37.39 2.33 0.00	28.23 1.75 0.00	32.30 1.99 0.00	37.63 2.26 0.00	36.57 2.17 0.00	64.24 3.54 0.00	68.48 3.72 0.00	73.50 4.12 0.00	41.30 2.34 0.00	27.10 1.65 0.00	31.27 1.86 -2.92	26.29 1.56 0.00
BOC_GAS_DRP 24189	50.08 0.23 -45.43	23.46 0.21 -19.05	34.69 1.15 -10.39	44.63 1.30 -16.48	32.51 1.41 -2.93	46.79 1.39 -19.73	26.50 0.42 -18.11	16.50 0.79 0.00	28.90 1.33 0.00	31.69 1.59 -0.01	36.95 1.87 -1.37	38.49 1.99 0.00	36.98 1.92 0.00	27.94 1.45 0.00	31.99 1.68 0.00	37.29 1.92 0.00	36.21 1.81 0.00	63.57 2.87 0.00	67.80 3.05 0.00	72.81 3.42 0.00	40.94 1.98 0.00	26.85 1.39 0.00	31.02 1.54 -2.99	26.00 1.27 0.00
BORALEX_4TH_BRANCH 23824	51.33 0.37 -46.55	24.06 0.34 -19.52	35.69 1.89 -10.65	45.95 2.22 -16.88	33.58 2.41 -3.00	48.12 2.24 -20.22	27.22 0.69 -18.56	17.06 1.35 0.00	30.04 2.48 0.00	33.02 2.91 -0.01	38.39 3.27 -1.40	40.10 3.60 0.00	38.51 3.45 0.00	29.12 2.64 0.00	33.32 3.01 0.00	38.93 3.56 0.00	37.79 3.39 0.00	66.42 5.72 0.00	70.73 5.97 0.00	75.97 6.59 0.00	42.65 3.69 0.00	27.89 2.43 0.00	32.09 2.53 -3.07	26.85 2.12 0.00
BOWLINE___1 23526	39.37 0.31 -34.64	19.00 0.27 -14.53	32.51 1.43 -7.92	40.99 1.57 -12.57	32.15 1.76 -2.24	42.43 1.72 -15.05	22.35 0.57 -13.81	16.84 1.14 0.00	29.67 2.10 0.00	32.59 2.49 0.00	37.51 2.75 -1.04	39.34 2.84 0.00	37.81 2.75 0.00	28.58 2.10 0.00	32.84 2.53 0.00	38.35 2.98 0.00	37.16 2.75 0.00	65.19 4.49 0.00	69.44 4.68 0.00	74.71 5.32 0.00	42.06 3.11 0.00	27.55 2.09 0.00	30.87 2.10 -2.28	26.42 1.69 0.00
BOWLINE___2 23595	39.37 0.31 -34.65	19.00 0.27 -14.53	32.51 1.43 -7.92	40.99 1.57 -12.57	32.15 1.76 -2.24	42.43 1.72 -15.05	22.35 0.57 -13.81	16.84 1.14 0.00	29.67 2.10 0.00	32.59 2.49 0.00	37.51 2.75 -1.04	39.34 2.84 0.00	37.81 2.75 0.00	28.58 2.10 0.00	32.84 2.53 0.00	38.35 2.98 0.00	37.16 2.75 0.00	65.19 4.49 0.00	69.44 4.68 0.00	74.71 5.32 0.00	42.06 3.11 0.00	27.55 2.09 0.00	30.87 2.10 -2.28	26.42 1.69 0.00
BROOKHAVEN___DRP 24191	63.16 0.55 -58.19	24.69 0.50 -19.98	40.54 2.69 -14.70	44.73 3.00 -14.88	33.70 3.25 -2.30	44.63 3.14 -15.83	26.02 0.99 -17.07	17.66 1.96 0.00	31.01 3.45 0.00	36.60 4.02 -2.48	60.67 4.33 -22.62	96.33 4.51 -55.32	58.72 4.33 -19.33	55.63 3.24 -25.91	72.54 3.87 -38.36	112.67 4.63 -72.66	139.95 4.50 -101.05	135.14 7.52 -66.92	94.09 7.90 -21.43	81.49 8.44 -3.67	49.14 5.02 -5.15	74.10 3.29 -45.36	89.75 3.41 -59.85	69.59 2.89 -41.96
BROOKLYN_NAVY_YARD 23515	40.38 0.37 -35.59	19.45 0.32 -14.92	32.99 1.70 -8.14	41.59 1.82 -12.91	32.55 2.10 -2.30	43.14 2.02 -15.46	22.84 0.68 -14.19	17.09 1.38 0.00	30.09 2.53 0.00	33.06 2.96 0.00	38.06 3.27 -1.07	39.90 3.41 0.00	38.36 3.30 0.00	29.02 2.54 0.00	33.36 3.05 0.00	38.93 3.56 0.00	37.65 3.25 0.00	65.82 5.12 0.00	70.15 5.40 0.00	75.63 6.25 0.00	42.60 3.64 0.00	27.92 2.47 0.00	31.34 2.50 -2.35	26.74 2.00 0.00
BROOKLYN___ARMY_DRP 323595	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00



BROOME_2_LFGE 323671	16.20 0.13 -11.66	9.21 0.12 -4.89	26.41 0.59 -2.67	31.78 0.70 -4.23	29.69 0.78 -0.75	31.44 0.71 -5.06	12.81 0.20 -4.65	16.13 0.42 0.00	28.40 0.84 0.00	31.13 1.03 0.00	35.19 1.12 -0.35	37.75 1.25 0.00	36.31 1.25 0.00	27.39 0.91 0.00	31.36 1.05 0.00	36.63 1.26 0.00	35.62 1.22 0.00	62.83 2.12 0.00	66.85 2.10 0.00	71.62 2.24 0.00	40.16 1.20 0.00	26.27 0.81 0.00	28.05 0.79 -0.77	25.40 0.66 0.00
BROOME___LFGE 323600	16.20 0.13 -11.66	9.21 0.12 -4.89	26.41 0.59 -2.67	31.78 0.70 -4.23	29.69 0.78 -0.75	31.44 0.71 -5.06	12.81 0.20 -4.65	16.13 0.42 0.00	28.40 0.84 0.00	31.13 1.03 0.00	35.19 1.12 -0.35	37.75 1.25 0.00	36.31 1.25 0.00	27.39 0.91 0.00	31.36 1.05 0.00	36.63 1.26 0.00	35.62 1.22 0.00	62.83 2.12 0.00	66.85 2.10 0.00	71.62 2.24 0.00	40.16 1.20 0.00	26.27 0.81 0.00	28.05 0.79 -0.77	25.40 0.66 0.00
BURROWS___LYONSDAL 23803	4.49 0.08 0.00	4.27 0.06 0.00	23.52 0.37 0.00	27.28 0.43 0.00	28.59 0.43 0.00	26.00 0.34 0.00	8.08 0.11 0.00	15.95 0.24 0.00	28.04 0.47 0.00	30.60 0.50 0.00	34.33 0.61 0.00	37.21 0.71 0.00	35.76 0.70 0.00	26.99 0.50 0.00	30.90 0.60 0.00	36.08 0.72 0.00	35.20 0.80 0.00	62.21 1.50 0.00	66.23 1.48 0.00	70.84 1.46 0.00	39.68 0.72 0.00	25.87 0.41 0.00	26.83 0.33 0.00	25.06 0.32 0.00
CAITHNESS_CC_1 323624	63.15 0.54 -58.19	24.67 0.49 -19.98	40.48 2.63 -14.70	44.67 2.94 -14.88	33.63 3.17 -2.30	44.57 3.07 -15.83	26.00 0.97 -17.07	17.62 1.91 0.00	30.93 3.37 0.00	36.51 3.93 -2.48	60.57 4.23 -22.62	96.23 4.42 -55.32	58.63 4.24 -19.33	55.56 3.17 -25.91	72.46 3.79 -38.36	112.56 4.53 -72.66	139.83 4.38 -101.05	134.90 7.28 -66.92	93.84 7.65 -21.43	81.25 8.21 -3.67	49.02 4.90 -5.15	74.03 3.22 -45.36	89.67 3.33 -59.85	69.52 2.83 -41.96
CALPINE BETH_PAGE_GT4 24209	63.09 0.48 -58.19	24.62 0.44 -19.98	40.18 2.33 -14.70	44.30 2.57 -14.88	33.26 2.80 -2.30	44.22 2.73 -15.83	25.91 0.88 -17.07	17.45 1.75 0.00	30.69 3.13 0.00	36.24 3.66 -2.48	60.33 3.99 -22.62	95.97 4.15 -55.32	58.42 4.02 -19.33	55.39 3.00 -25.91	72.24 3.57 -38.36	112.20 4.17 -72.66	139.37 3.92 -101.05	134.06 6.44 -66.92	92.98 6.79 -21.43	80.48 7.43 -3.67	48.55 4.44 -5.15	73.77 2.96 -45.36	89.44 3.10 -59.85	69.29 2.60 -41.96
CALPINE_BETH_PAGE_GT_4 323586	63.09 0.48 -58.19	24.62 0.44 -19.98	40.18 2.33 -14.70	44.30 2.57 -14.88	33.26 2.80 -2.30	44.22 2.73 -15.83	25.91 0.88 -17.07	17.45 1.75 0.00	30.69 3.13 0.00	36.24 3.66 -2.48	60.33 3.99 -22.62	95.97 4.15 -55.32	58.42 4.02 -19.33	55.39 3.00 -25.91	72.24 3.57 -38.36	112.20 4.17 -72.66	139.37 3.92 -101.05	134.06 6.44 -66.92	92.98 6.79 -21.43	80.48 7.43 -3.67	48.55 4.44 -5.15	73.77 2.96 -45.36	89.44 3.10 -59.85	69.29 2.60 -41.96
CALPINE_BP_GT1 23823	63.09 0.48 -58.19	24.62 0.44 -19.98	40.18 2.33 -14.70	44.30 2.57 -14.88	33.26 2.80 -2.30	44.22 2.73 -15.83	25.91 0.88 -17.07	17.45 1.75 0.00	30.69 3.13 0.00	36.24 3.66 -2.48	60.33 3.99 -22.62	95.97 4.15 -55.32	58.42 4.02 -19.33	55.39 3.00 -25.91	72.24 3.57 -38.36	112.20 4.17 -72.66	139.37 3.92 -101.05	134.06 6.44 -66.92	92.98 6.79 -21.43	80.48 7.43 -3.67	48.55 4.44 -5.15	73.77 2.96 -45.36	89.44 3.10 -59.85	69.29 2.60 -41.96
CALSPAN___DRP 24200	10.07 -0.17 -5.83	6.52 -0.13 -2.44	23.46 -1.03 -1.33	27.99 -0.97 -2.12	27.86 -0.68 -0.38	27.65 -0.54 -2.53	10.08 -0.21 -2.33	15.25 -0.46 0.00	26.85 -0.71 0.00	29.30 -0.80 0.00	32.87 -1.03 -0.17	35.59 -0.91 0.00	34.39 -0.67 0.00	25.92 -0.56 0.00	29.51 -0.80 0.00	34.67 -0.70 0.00	33.89 -0.51 0.00	60.66 -0.04 0.00	64.53 -0.22 0.00	68.67 -0.71 0.00	38.39 -0.57 0.00	24.95 -0.50 0.00	26.09 -0.78 -0.38	23.88 -0.85 0.00
CANDIGU_WT_PWR 323617	12.34 0.04 -7.89	7.55 0.04 -3.31	24.99 0.03 -1.80	29.72 0.01 -2.86	28.87 0.20 -0.51	29.35 0.27 -3.43	11.14 0.03 -3.15	15.81 0.11 0.00	27.94 0.38 0.00	30.65 0.55 0.00	34.58 0.62 -0.24	37.36 0.86 0.00	36.02 0.96 0.00	27.15 0.67 0.00	30.99 0.68 0.00	36.32 0.95 0.00	35.39 0.99 0.00	62.76 2.05 0.00	66.74 1.98 0.00	71.41 2.03 0.00	39.98 1.02 0.00	26.12 0.66 0.00	27.55 0.54 -0.52	25.08 0.34 0.00
CARR STREET_E__SYR 24060	7.59 -0.01 -3.18	5.53 -0.01 -1.33	23.77 -0.11 -0.73	27.90 -0.10 -1.15	28.27 -0.09 -0.20	26.89 -0.16 -1.38	9.18 -0.06 -1.27	15.62 -0.09 0.00	27.42 -0.15 0.00	29.95 -0.15 0.00	33.63 -0.18 -0.10	36.34 -0.16 0.00	34.95 -0.11 0.00	26.38 -0.10 0.00	30.20 -0.10 0.00	35.28 -0.08 0.00	34.40 0.00 0.00	60.81 0.10 0.00	64.76 0.00 0.00	69.33 -0.05 0.00	38.86 -0.10 0.00	25.36 -0.09 0.00	26.55 -0.15 -0.21	24.63 -0.10 0.00
CARTHAGE___PAPER 23857	5.66 0.03 -1.22	4.72 0.01 -0.51	23.53 0.09 -0.28	27.43 0.13 -0.44	28.33 0.09 -0.08	26.13 0.00 -0.53	8.45 0.00 -0.48	15.72 0.02 0.00	27.64 0.08 0.00	30.13 0.03 0.00	33.85 0.09 -0.04	36.66 0.16 0.00	35.25 0.19 0.00	26.60 0.12 0.00	30.45 0.13 0.00	35.55 0.18 0.00	34.75 0.35 0.00	61.53 0.83 0.00	65.50 0.75 0.00	70.00 0.62 0.00	39.19 0.23 0.00	25.49 0.03 0.00	26.46 -0.10 -0.08	24.69 -0.04 0.00
CE_DUNWOOD___DRP 24194	40.31 0.35 -35.54	19.42 0.31 -14.90	32.91 1.63 -8.13	41.53 1.78 -12.89	32.45 2.00 -2.29	43.04 1.94 -15.44	22.78 0.64 -14.17	16.98 1.28 0.00	29.91 2.35 0.00	32.88 2.77 0.00	37.87 3.08 -1.07	39.71 3.21 0.00	38.17 3.11 0.00	28.87 2.38 0.00	33.16 2.85 0.00	38.71 3.34 0.00	37.51 3.11 0.00	65.73 5.02 0.00	70.04 5.29 0.00	75.38 5.99 0.00	42.45 3.49 0.00	27.81 2.35 0.00	31.19 2.36 -2.34	26.65 1.92 0.00
CE_MILLWOOD___DRP 24193	40.19 0.33 -35.44	19.36 0.30 -14.86	32.81 1.55 -8.10	41.41 1.70 -12.85	32.35 1.91 -2.29	42.91 1.86 -15.39	22.71 0.61 -14.13	16.93 1.22 0.00	29.82 2.25 0.00	32.77 2.66 0.00	37.74 2.95 -1.07	39.57 3.07 0.00	38.04 2.97 0.00	28.76 2.28 0.00	33.04 2.73 0.00	38.57 3.21 0.00	37.38 2.98 0.00	65.54 4.83 0.00	69.82 5.07 0.00	75.13 5.75 0.00	42.31 3.35 0.00	27.71 2.25 0.00	31.09 2.27 -2.34	26.57 1.83 0.00
CE_NYC2_DRP 24202	40.41 0.41 -35.60	19.47 0.34 -14.92	33.08 1.78 -8.14	41.68 1.92 -12.91	32.66 2.20 -2.30	43.27 2.14 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.19 2.63 0.00	33.18 3.07 0.00	38.21 3.42 -1.07	40.11 3.61 0.00	38.53 3.47 0.00	29.14 2.66 0.00	33.49 3.18 0.00	39.08 3.71 0.00	37.79 3.39 0.00	66.05 5.35 0.00	70.51 5.75 0.00	75.92 6.54 0.00	42.82 3.86 0.00	28.06 2.61 0.00	31.44 2.60 -2.35	26.86 2.13 0.00
CE_NYC_DRP 24195	40.39 0.38 -35.59	19.46 0.34 -14.92	33.07 1.77 -8.14	41.67 1.91 -12.91	32.63 2.17 -2.30	43.22 2.11 -15.46	22.86 0.70 -14.19	17.13 1.42 0.00	30.17 2.61 0.00	33.16 3.05 0.00	38.18 3.39 -1.07	40.03 3.53 0.00	38.48 3.42 0.00	29.12 2.63 0.00	33.47 3.16 0.00	39.05 3.68 0.00	37.76 3.36 0.00	66.07 5.37 0.00	70.39 5.63 0.00	75.85 6.46 0.00	42.73 3.77 0.00	28.01 2.55 0.00	31.40 2.56 -2.35	26.82 2.09 0.00



CHAFFEE___LFGE 323603	10.33 -0.12 -6.04	6.65 -0.08 -2.53	23.74 -0.80 -1.38	28.31 -0.73 -2.19	28.09 -0.46 -0.39	27.93 -0.35 -2.62	10.22 -0.15 -2.41	15.39 -0.31 0.00	27.13 -0.44 0.00	29.66 -0.44 0.00	33.29 -0.61 -0.18	36.04 -0.46 0.00	34.83 -0.23 0.00	26.24 -0.24 0.00	29.89 -0.42 0.00	35.11 -0.26 0.00	34.30 -0.10 0.00	61.36 0.65 0.00	65.24 0.48 0.00	69.43 0.05 0.00	38.82 -0.14 0.00	25.25 -0.21 0.00	26.41 -0.47 -0.40	24.14 -0.59 0.00
CHATEAUG_WT_PWR 323614	4.28 -0.13 0.00	4.11 -0.10 0.00	22.88 -0.27 0.00	26.65 -0.20 0.00	27.78 -0.38 0.00	25.23 -0.43 0.00	7.83 -0.14 0.00	15.43 -0.27 0.00	27.17 -0.40 0.00	29.41 -0.69 0.00	32.97 -0.75 0.00	35.72 -0.78 0.00	34.21 -0.85 0.00	25.79 -0.69 0.00	29.46 -0.85 0.00	34.34 -1.03 0.00	33.32 -1.08 0.00	58.96 -1.74 0.00	62.86 -1.90 0.00	67.22 -2.16 0.00	37.98 -0.98 0.00	24.78 -0.68 0.00	25.90 -0.58 0.00	24.36 -0.37 0.00
CHAT_HIGH_FALL_HYD 323578	4.28 -0.13 0.00	4.11 -0.09 0.00	22.87 -0.29 0.00	26.63 -0.22 0.00	27.73 -0.43 0.00	25.19 -0.47 0.00	7.82 -0.15 0.00	15.42 -0.28 0.00	27.14 -0.42 0.00	29.38 -0.72 0.00	32.95 -0.77 0.00	35.69 -0.81 0.00	34.17 -0.89 0.00	25.77 -0.72 0.00	29.43 -0.88 0.00	34.29 -1.08 0.00	33.29 -1.11 0.00	58.97 -1.74 0.00	62.93 -1.82 0.00	67.23 -2.15 0.00	37.96 -1.00 0.00	24.76 -0.70 0.00	25.87 -0.62 0.00	24.34 -0.40 0.00
CHAUTAUQUA___LFGE 323629	10.22 -0.14 -5.95	6.60 -0.10 -2.49	23.62 -0.90 -1.36	28.17 -0.83 -2.16	28.04 -0.50 -0.38	27.88 -0.36 -2.58	10.19 -0.15 -2.37	15.38 -0.33 0.00	27.09 -0.47 0.00	29.60 -0.50 0.00	33.24 -0.66 -0.18	36.00 -0.50 0.00	34.80 -0.26 0.00	26.22 -0.26 0.00	29.86 -0.44 0.00	35.08 -0.29 0.00	34.34 -0.06 0.00	61.57 0.86 0.00	65.51 0.75 0.00	69.78 0.40 0.00	38.99 0.03 0.00	25.32 -0.13 0.00	26.45 -0.43 -0.39	24.16 -0.57 0.00
CH_MIDHUDSON___DRP 24192	42.82 0.36 -38.05	20.48 0.32 -15.95	33.55 1.69 -8.70	42.53 1.88 -13.80	32.70 2.08 -2.46	44.22 2.03 -16.53	23.79 0.66 -15.17	17.01 1.31 0.00	29.98 2.42 0.00	32.95 2.84 0.00	38.04 3.17 -1.14	39.83 3.33 0.00	38.28 3.22 0.00	28.93 2.45 0.00	33.23 2.92 0.00	38.79 3.43 0.00	37.64 3.24 0.00	66.08 5.37 0.00	70.41 5.65 0.00	75.66 6.28 0.00	42.58 3.62 0.00	27.88 2.43 0.00	31.43 2.43 -2.51	26.72 1.98 0.00
CH_MISC_IPPS 23765	41.28 0.37 -36.49	19.84 0.34 -15.30	33.26 1.76 -8.34	42.05 1.96 -13.23	32.68 2.17 -2.36	43.62 2.11 -15.85	23.20 0.68 -14.55	17.07 1.37 0.00	30.09 2.53 0.00	33.07 2.96 0.00	38.12 3.30 -1.10	39.96 3.47 0.00	38.41 3.35 0.00	29.03 2.55 0.00	33.34 3.03 0.00	38.94 3.57 0.00	37.81 3.40 0.00	66.39 5.69 0.00	70.72 5.97 0.00	75.99 6.61 0.00	42.76 3.79 0.00	27.98 2.52 0.00	31.41 2.52 -2.40	26.79 2.05 0.00
CH_RES_BVR_FALLS 23983	2.42 -0.08 1.91	3.32 -0.08 0.80	22.36 -0.36 0.44	25.66 -0.50 0.69	27.53 -0.50 0.12	24.40 -0.43 0.83	7.11 -0.10 0.76	15.53 -0.18 0.00	27.25 -0.31 0.00	29.70 -0.40 0.00	33.19 -0.47 0.06	36.01 -0.48 0.00	34.58 -0.49 0.00	26.12 -0.36 0.00	29.86 -0.44 0.00	34.84 -0.53 0.00	33.87 -0.54 0.00	59.90 -0.80 0.00	64.05 -0.70 0.00	68.62 -0.76 0.00	38.55 -0.41 0.00	25.17 -0.28 0.00	26.08 -0.29 0.13	24.51 -0.22 0.00
CH_RES_NIAGARA 23895	9.41 -0.44 -5.44	6.13 -0.35 -2.28	22.11 -2.29 -1.24	26.47 -2.36 -1.97	26.41 -2.10 -0.35	26.21 -1.81 -2.36	9.54 -0.59 -2.17	14.46 -1.25 0.00	25.41 -2.15 0.00	27.60 -2.50 0.00	30.90 -2.98 -0.16	33.43 -3.07 0.00	32.28 -2.78 0.00	24.35 -2.14 0.00	27.68 -2.63 0.00	32.55 -2.82 0.00	31.90 -2.50 0.00	57.30 -3.40 0.00	61.03 -3.73 0.00	64.80 -4.58 0.00	36.21 -2.75 0.00	23.45 -2.00 0.00	24.47 -2.37 -0.36	22.46 -2.27 0.00
CH_RES_SYRACUSE 23985	7.98 0.01 -3.56	5.71 0.01 -1.49	23.96 -0.01 -0.82	28.15 0.01 -1.29	28.40 0.01 -0.23	27.15 -0.06 -1.55	9.37 -0.02 -1.42	15.69 -0.01 0.00	27.55 -0.01 0.00	30.10 0.00 0.00	33.82 0.00 -0.11	36.52 0.03 0.00	35.12 0.06 0.00	26.52 0.03 0.00	30.34 0.03 0.00	35.46 0.09 0.00	34.57 0.17 0.00	61.12 0.42 0.00	65.08 0.33 0.00	69.68 0.30 0.00	39.06 0.10 0.00	25.48 0.03 0.00	26.69 -0.04 -0.23	24.74 0.01 0.00
CLINTON_WT_PWR 323605	4.28 -0.13 0.00	4.11 -0.10 0.00	22.88 -0.27 0.00	26.65 -0.20 0.00	27.78 -0.38 0.00	25.23 -0.43 0.00	7.83 -0.14 0.00	15.43 -0.27 0.00	27.17 -0.40 0.00	29.41 -0.69 0.00	32.97 -0.75 0.00	35.72 -0.78 0.00	34.21 -0.85 0.00	25.79 -0.69 0.00	29.46 -0.85 0.00	34.34 -1.03 0.00	33.32 -1.08 0.00	58.96 -1.74 0.00	62.86 -1.90 0.00	67.22 -2.16 0.00	37.98 -0.98 0.00	24.78 -0.68 0.00	25.90 -0.58 0.00	24.36 -0.37 0.00
CLINTON___LFGE 323618	4.35 -0.06 0.00	4.16 -0.04 0.00	23.18 0.03 0.00	27.00 0.14 0.00	28.15 -0.01 0.00	25.60 -0.06 0.00	7.94 -0.03 0.00	15.66 -0.05 0.00	27.61 0.05 0.00	29.93 -0.17 0.00	33.56 -0.16 0.00	36.34 -0.16 0.00	34.81 -0.25 0.00	26.23 -0.25 0.00	29.96 -0.35 0.00	34.92 -0.45 0.00	33.91 -0.49 0.00	60.02 -0.68 0.00	64.07 -0.69 0.00	68.45 -0.93 0.00	38.62 -0.34 0.00	25.17 -0.28 0.00	26.29 -0.20 0.00	24.70 -0.04 0.00
COLONIE_LFGE___ 323577	52.16 0.32 -47.42	24.38 0.30 -19.88	35.63 1.63 -10.85	45.95 1.89 -17.20	33.27 2.05 -3.06	48.19 1.93 -20.60	27.47 0.60 -18.91	16.86 1.16 0.00	29.61 2.05 0.00	32.51 2.40 -0.01	37.90 2.76 -1.43	39.53 3.03 0.00	37.97 2.91 0.00	28.69 2.21 0.00	32.83 2.53 0.00	38.33 2.96 0.00	37.28 2.88 0.00	65.57 4.86 0.00	69.82 5.06 0.00	74.93 5.55 0.00	42.04 3.08 0.00	27.50 2.05 0.00	31.77 2.16 -3.13	26.53 1.80 0.00
COPENHAGEN_WT_PWR 323753	6.00 0.03 -1.55	4.87 0.01 -0.65	23.59 0.08 -0.35	27.53 0.12 -0.56	28.35 0.09 -0.10	26.29 -0.05 -0.67	8.59 0.00 -0.62	15.74 0.03 0.00	27.67 0.11 0.00	30.20 0.10 0.00	33.93 0.16 -0.05	36.74 0.25 0.00	35.34 0.28 0.00	26.67 0.18 0.00	30.52 0.20 0.00	35.64 0.27 0.00	34.85 0.45 0.00	61.74 1.04 0.00	65.71 0.95 0.00	70.23 0.85 0.00	39.30 0.34 0.00	25.55 0.10 0.00	26.54 -0.05 -0.10	24.72 -0.01 0.00
CORNELL_____ 23752	12.50 0.14 -7.95	7.66 0.13 -3.33	25.60 0.63 -1.82	30.49 0.76 -2.88	29.50 0.82 -0.51	29.86 0.74 -3.45	11.36 0.22 -3.17	16.19 0.48 0.00	28.51 0.95 0.00	31.21 1.12 0.00	35.21 1.25 -0.24	37.93 1.43 0.00	36.47 1.41 0.00	27.52 1.04 0.00	31.50 1.19 0.00	36.81 1.44 0.00	35.89 1.49 0.00	63.49 2.78 0.00	67.59 2.83 0.00	72.30 2.92 0.00	40.49 1.53 0.00	26.42 0.96 0.00	27.90 0.89 -0.52	25.51 0.78 0.00
COXSACKIE___GT 23611	44.74 0.43 -39.90	21.32 0.39 -16.73	34.36 2.08 -9.13	43.69 2.37 -14.47	33.30 2.56 -2.57	45.48 2.49 -17.33	24.66 0.78 -15.91	17.24 1.54 0.00	30.32 2.76 0.00	33.36 3.25 0.00	38.68 3.76 -1.20	40.52 4.02 0.00	38.93 3.87 0.00	29.40 2.92 0.00	33.69 3.38 0.00	39.30 3.93 0.00	38.25 3.85 0.00	67.34 6.64 0.00	71.72 6.96 0.00	76.86 7.48 0.00	43.16 4.20 0.00	28.23 2.77 0.00	31.95 2.83 -2.63	27.08 2.35 0.00



CPV_VALLEY___CC1 323721	35.80 0.25 -31.14	17.48 0.23 -13.06	31.45 1.17 -7.12	39.49 1.35 -11.30	31.67 1.50 -2.01	40.66 1.47 -13.53	20.86 0.48 -12.42	16.66 0.96 0.00	29.35 1.78 0.00	32.21 2.11 0.00	36.97 2.31 -0.94	38.89 2.39 0.00	37.38 2.32 0.00	28.25 1.77 0.00	32.43 2.12 0.00	37.86 2.49 0.00	36.73 2.33 0.00	64.50 3.79 0.00	68.73 3.97 0.00	73.86 4.48 0.00	41.57 2.61 0.00	27.21 1.76 0.00	30.30 1.76 -2.05	26.14 1.41 0.00
CPV_VALLEY___CC2 323722	35.80 0.25 -31.14	17.48 0.23 -13.06	31.45 1.17 -7.12	39.49 1.35 -11.30	31.67 1.50 -2.01	40.66 1.47 -13.53	20.86 0.48 -12.42	16.66 0.96 0.00	29.35 1.78 0.00	32.21 2.11 0.00	36.97 2.31 -0.94	38.89 2.39 0.00	37.38 2.32 0.00	28.25 1.77 0.00	32.43 2.12 0.00	37.86 2.49 0.00	36.73 2.33 0.00	64.50 3.79 0.00	68.73 3.97 0.00	73.86 4.48 0.00	41.57 2.61 0.00	27.21 1.76 0.00	30.30 1.76 -2.05	26.14 1.41 0.00
CRESCENT___HYD 24018	52.16 0.32 -47.42	24.38 0.30 -19.88	35.63 1.63 -10.85	45.95 1.89 -17.20	33.27 2.05 -3.06	48.19 1.93 -20.60	27.47 0.60 -18.91	16.86 1.16 0.00	29.61 2.05 0.00	32.51 2.40 -0.01	37.90 2.76 -1.43	39.53 3.03 0.00	37.97 2.91 0.00	28.69 2.21 0.00	32.83 2.53 0.00	38.33 2.96 0.00	37.28 2.88 0.00	65.57 4.86 0.00	69.82 5.06 0.00	74.93 5.55 0.00	42.04 3.08 0.00	27.50 2.05 0.00	31.77 2.16 -3.13	26.53 1.80 0.00
CRUCIBLE_METL_DRP 24180	7.98 0.01 -3.56	5.71 0.01 -1.49	23.96 -0.01 -0.82	28.15 0.01 -1.29	28.40 0.01 -0.23	27.15 -0.06 -1.55	9.37 -0.02 -1.42	15.69 -0.01 0.00	27.55 -0.01 0.00	30.10 0.00 0.00	33.82 0.00 -0.11	36.52 0.03 0.00	35.12 0.06 0.00	26.52 0.03 0.00	30.34 0.03 0.00	35.46 0.09 0.00	34.57 0.17 0.00	61.12 0.42 0.00	65.08 0.33 0.00	69.68 0.30 0.00	39.06 0.10 0.00	25.48 0.03 0.00	26.69 -0.04 -0.23	24.74 0.01 0.00
DANC___LFGE 323619	6.42 -0.02 -2.02	5.03 -0.02 -0.85	23.47 -0.15 -0.46	27.44 -0.15 -0.73	28.11 -0.18 -0.13	26.26 -0.28 -0.88	8.70 -0.08 -0.81	15.58 -0.13 0.00	27.37 -0.19 0.00	29.87 -0.23 0.00	33.57 -0.21 -0.06	36.32 -0.18 0.00	34.92 -0.14 0.00	26.36 -0.12 0.00	30.16 -0.14 0.00	35.24 -0.13 0.00	34.42 0.01 0.00	60.93 0.22 0.00	64.87 0.11 0.00	69.39 0.01 0.00	38.85 -0.11 0.00	25.29 -0.17 0.00	26.34 -0.28 -0.13	24.51 -0.22 0.00
DANSKAMMER___1 23586	41.28 0.37 -36.49	19.84 0.34 -15.30	33.26 1.76 -8.34	42.05 1.96 -13.23	32.68 2.17 -2.36	43.62 2.11 -15.85	23.20 0.68 -14.55	17.07 1.37 0.00	30.09 2.53 0.00	33.07 2.96 0.00	38.12 3.30 -1.10	39.96 3.47 0.00	38.41 3.35 0.00	29.03 2.55 0.00	33.34 3.03 0.00	38.94 3.57 0.00	37.81 3.40 0.00	66.39 5.69 0.00	70.72 5.97 0.00	75.99 6.61 0.00	42.76 3.79 0.00	27.98 2.52 0.00	31.41 2.52 -2.40	26.79 2.05 0.00
DANSKAMMER___2 23589	41.28 0.37 -36.49	19.84 0.34 -15.30	33.26 1.76 -8.34	42.05 1.96 -13.23	32.68 2.17 -2.36	43.62 2.11 -15.85	23.20 0.68 -14.55	17.07 1.37 0.00	30.09 2.53 0.00	33.07 2.96 0.00	38.12 3.30 -1.10	39.96 3.47 0.00	38.41 3.35 0.00	29.03 2.55 0.00	33.34 3.03 0.00	38.94 3.57 0.00	37.81 3.40 0.00	66.39 5.69 0.00	70.72 5.97 0.00	75.99 6.61 0.00	42.76 3.79 0.00	27.98 2.52 0.00	31.41 2.52 -2.40	26.79 2.05 0.00
DANSKAMMER___3 23590	41.28 0.37 -36.49	19.84 0.34 -15.30	33.26 1.76 -8.34	42.05 1.96 -13.23	32.68 2.17 -2.36	43.62 2.11 -15.85	23.20 0.68 -14.55	17.07 1.37 0.00	30.09 2.53 0.00	33.07 2.96 0.00	38.12 3.30 -1.10	39.96 3.47 0.00	38.41 3.35 0.00	29.03 2.55 0.00	33.34 3.03 0.00	38.94 3.57 0.00	37.81 3.40 0.00	66.39 5.69 0.00	70.72 5.97 0.00	75.99 6.61 0.00	42.76 3.79 0.00	27.98 2.52 0.00	31.41 2.52 -2.40	26.79 2.05 0.00
DANSKAMMER___4 23591	41.28 0.37 -36.49	19.84 0.34 -15.30	33.26 1.76 -8.34	42.05 1.96 -13.23	32.68 2.17 -2.36	43.62 2.11 -15.85	23.20 0.68 -14.55	17.07 1.37 0.00	30.09 2.53 0.00	33.07 2.96 0.00	38.12 3.30 -1.10	39.96 3.47 0.00	38.41 3.35 0.00	29.03 2.55 0.00	33.34 3.03 0.00	38.94 3.57 0.00	37.81 3.40 0.00	66.39 5.69 0.00	70.72 5.97 0.00	75.99 6.61 0.00	42.76 3.79 0.00	27.98 2.52 0.00	31.41 2.52 -2.40	26.79 2.05 0.00
DANSKAMMER___DIESEL 23592	41.28 0.37 -36.49	19.84 0.34 -15.30	33.26 1.76 -8.34	42.05 1.96 -13.23	32.68 2.17 -2.36	43.62 2.11 -15.85	23.20 0.68 -14.55	17.07 1.37 0.00	30.09 2.53 0.00	33.07 2.96 0.00	38.12 3.30 -1.10	39.96 3.47 0.00	38.41 3.35 0.00	29.03 2.55 0.00	33.34 3.03 0.00	38.94 3.57 0.00	37.81 3.40 0.00	66.39 5.69 0.00	70.72 5.97 0.00	75.99 6.61 0.00	42.76 3.79 0.00	27.98 2.52 0.00	31.41 2.52 -2.40	26.79 2.05 0.00
DASHVILLE___HYD 23610	41.74 0.30 -37.03	20.00 0.27 -15.52	33.03 1.41 -8.47	41.82 1.54 -13.43	32.26 1.72 -2.39	43.45 1.71 -16.08	23.28 0.55 -14.76	16.82 1.11 0.00	29.66 2.10 0.00	32.59 2.48 0.00	37.58 2.75 -1.11	39.36 2.86 0.00	37.83 2.77 0.00	28.60 2.12 0.00	32.85 2.54 0.00	38.36 2.99 0.00	37.22 2.82 0.00	65.29 4.59 0.00	69.60 4.84 0.00	74.81 5.43 0.00	42.10 3.14 0.00	27.57 2.11 0.00	31.01 2.08 -2.44	26.40 1.67 0.00
DELAWARE___LFGE 323621	19.93 0.19 -15.32	10.81 0.18 -6.42	27.61 0.95 -3.51	33.49 1.08 -5.56	30.33 1.18 -0.99	33.48 1.16 -6.66	14.43 0.35 -6.11	16.43 0.73 0.00	28.94 1.38 0.00	31.70 1.60 0.00	35.94 1.76 -0.46	38.37 1.87 0.00	36.88 1.82 0.00	27.84 1.36 0.00	31.90 1.59 0.00	37.25 1.88 0.00	36.22 1.82 0.00	63.76 3.06 0.00	67.96 3.20 0.00	72.88 3.49 0.00	40.92 1.96 0.00	26.76 1.30 0.00	28.77 1.27 -1.01	25.81 1.07 0.00
DOGLEVILLE___HYD 23807	3.72 0.25 0.95	4.03 0.22 0.40	24.13 1.19 0.22	28.01 1.50 0.34	29.76 1.66 0.06	26.94 1.69 0.41	8.14 0.54 0.38	16.78 1.08 0.00	29.42 1.85 0.00	32.41 2.32 0.00	36.35 2.66 0.03	39.37 2.87 0.00	37.81 2.75 0.00	28.55 2.07 0.00	32.73 2.43 0.00	38.01 2.64 0.00	37.01 2.61 0.00	65.01 4.31 0.00	69.27 4.51 0.00	74.79 5.41 0.00	41.92 2.96 0.00	27.40 1.94 0.00	28.43 2.01 0.06	26.33 1.59 0.00
DUNKIRK___1 23563	10.20 -0.15 -5.93	6.59 -0.11 -2.49	23.60 -0.91 -1.36	28.15 -0.85 -2.15	28.03 -0.52 -0.38	27.86 -0.39 -2.58	10.18 -0.15 -2.37	15.36 -0.35 0.00	27.07 -0.50 0.00	29.57 -0.53 0.00	33.20 -0.70 -0.18	35.95 -0.54 0.00	34.76 -0.30 0.00	26.19 -0.29 0.00	29.82 -0.49 0.00	35.04 -0.32 0.00	34.29 -0.10 0.00	61.47 0.77 0.00	65.41 0.65 0.00	69.64 0.26 0.00	38.93 -0.03 0.00	25.28 -0.17 0.00	26.41 -0.47 -0.39	24.13 -0.60 0.00
DUNKIRK___2 23564	10.20 -0.15 -5.93	6.59 -0.11 -2.49	23.60 -0.91 -1.36	28.15 -0.85 -2.15	28.03 -0.52 -0.38	27.86 -0.39 -2.58	10.18 -0.15 -2.37	15.36 -0.35 0.00	27.07 -0.50 0.00	29.57 -0.53 0.00	33.20 -0.70 -0.18	35.95 -0.54 0.00	34.76 -0.30 0.00	26.19 -0.29 0.00	29.82 -0.49 0.00	35.04 -0.32 0.00	34.29 -0.10 0.00	61.47 0.77 0.00	65.41 0.65 0.00	69.64 0.26 0.00	38.93 -0.03 0.00	25.28 -0.17 0.00	26.41 -0.47 -0.39	24.13 -0.60 0.00



DUNKIRK___3 23565	10.12 -0.15 -5.86	6.55 -0.11 -2.46	23.57 -0.92 -1.34	28.12 -0.86 -2.13	27.99 -0.55 -0.38	27.79 -0.42 -2.55	10.14 -0.17 -2.34	15.33 -0.37 0.00	27.02 -0.55 0.00	29.51 -0.59 0.00	33.12 -0.78 -0.18	35.87 -0.63 0.00	34.66 -0.40 0.00	26.12 -0.36 0.00	29.75 -0.56 0.00	34.94 -0.43 0.00	34.18 -0.22 0.00	61.23 0.52 0.00	65.11 0.36 0.00	69.34 -0.04 0.00	38.76 -0.20 0.00	25.19 -0.27 0.00	26.32 -0.56 -0.39	24.06 -0.67 0.00
DUNKIRK___4 23566	10.12 -0.15 -5.86	6.55 -0.11 -2.46	23.57 -0.92 -1.34	28.12 -0.86 -2.13	27.99 -0.55 -0.38	27.79 -0.42 -2.55	10.14 -0.17 -2.34	15.33 -0.37 0.00	27.02 -0.55 0.00	29.51 -0.59 0.00	33.12 -0.78 -0.18	35.87 -0.63 0.00	34.66 -0.40 0.00	26.12 -0.36 0.00	29.75 -0.56 0.00	34.94 -0.43 0.00	34.18 -0.22 0.00	61.23 0.52 0.00	65.11 0.36 0.00	69.34 -0.04 0.00	38.76 -0.20 0.00	25.19 -0.27 0.00	26.32 -0.56 -0.39	24.06 -0.67 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.38 0.37 -35.59	19.46 0.34 -14.92	33.06 1.76 -8.14	41.68 1.92 -12.91	32.60 2.15 -2.30	43.20 2.08 -15.46	22.84 0.68 -14.19	17.07 1.37 0.00	30.07 2.51 0.00	33.04 2.94 0.00	38.05 3.26 -1.07	39.91 3.41 0.00	38.37 3.31 0.00	29.02 2.54 0.00	33.34 3.03 0.00	38.91 3.54 0.00	37.70 3.30 0.00	66.02 5.32 0.00	70.36 5.61 0.00	75.74 6.36 0.00	42.66 3.70 0.00	27.95 2.49 0.00	31.34 2.50 -2.35	26.77 2.04 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.97 0.32 -35.24	19.26 0.28 -14.77	32.70 1.48 -8.06	41.30 1.66 -12.78	32.27 1.84 -2.27	42.77 1.81 -15.31	22.61 0.59 -14.05	16.88 1.18 0.00	29.76 2.19 0.00	32.69 2.58 0.00	37.64 2.86 -1.06	39.47 2.97 0.00	37.93 2.87 0.00	28.68 2.19 0.00	32.93 2.62 0.00	38.46 3.09 0.00	37.31 2.91 0.00	65.53 4.83 0.00	69.80 5.05 0.00	75.03 5.65 0.00	42.22 3.26 0.00	27.64 2.18 0.00	30.98 2.17 -2.32	26.49 1.75 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.42 0.41 -35.60	19.46 0.34 -14.92	33.04 1.75 -8.14	41.67 1.91 -12.91	32.60 2.15 -2.30	43.23 2.11 -15.46	22.87 0.71 -14.19	17.12 1.41 0.00	30.12 2.56 0.00	33.10 2.99 0.00	38.12 3.33 -1.07	40.06 3.56 0.00	38.43 3.37 0.00	29.06 2.58 0.00	33.40 3.09 0.00	38.98 3.61 0.00	37.69 3.29 0.00	65.92 5.21 0.00	70.47 5.71 0.00	75.80 6.42 0.00	42.74 3.78 0.00	28.00 2.54 0.00	31.37 2.54 -2.35	26.79 2.06 0.00
EAST HAMPTON___GT 23717	63.40 0.79 -58.19	24.89 0.71 -19.98	41.65 3.80 -14.70	46.03 4.30 -14.88	35.10 4.64 -2.30	45.95 4.45 -15.83	26.44 1.41 -17.07	18.50 2.79 0.00	32.57 5.00 0.00	38.35 5.77 -2.48	62.61 6.27 -22.62	98.47 6.65 -55.32	60.71 6.33 -19.33	57.14 4.75 -25.91	74.26 5.58 -38.36	114.73 6.69 -72.66	142.14 6.69 -101.05	139.28 11.66 -66.92	98.39 12.20 -21.43	85.92 12.87 -3.67	51.52 7.41 -5.15	75.56 4.75 -45.36	91.12 4.78 -59.85	70.78 4.09 -41.96
EAST RIVER___6 23660	40.39 0.38 -35.59	19.46 0.34 -14.92	33.07 1.77 -8.14	41.66 1.90 -12.91	32.63 2.18 -2.30	43.23 2.11 -15.46	22.86 0.70 -14.19	17.13 1.43 0.00	30.18 2.61 0.00	33.16 3.06 0.00	38.19 3.40 -1.07	40.05 3.55 0.00	38.50 3.44 0.00	29.13 2.65 0.00	33.48 3.17 0.00	39.06 3.70 0.00	37.79 3.38 0.00	66.07 5.37 0.00	70.40 5.64 0.00	75.86 6.48 0.00	42.75 3.79 0.00	28.02 2.56 0.00	31.41 2.58 -2.35	26.82 2.09 0.00
EAST RIVER___7 23524	40.39 0.38 -35.59	19.46 0.34 -14.92	33.07 1.77 -8.14	41.66 1.90 -12.91	32.63 2.18 -2.30	43.23 2.11 -15.46	22.86 0.70 -14.19	17.13 1.43 0.00	30.18 2.61 0.00	33.16 3.06 0.00	38.19 3.40 -1.07	40.05 3.55 0.00	38.50 3.44 0.00	29.13 2.65 0.00	33.48 3.17 0.00	39.06 3.70 0.00	37.79 3.38 0.00	66.07 5.37 0.00	70.40 5.64 0.00	75.86 6.48 0.00	42.75 3.79 0.00	28.02 2.56 0.00	31.41 2.58 -2.35	26.82 2.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.31 0.35 -35.54	19.42 0.31 -14.90	32.91 1.63 -8.13	41.53 1.78 -12.89	32.45 2.00 -2.29	43.04 1.94 -15.44	22.78 0.64 -14.17	16.98 1.28 0.00	29.91 2.35 0.00	32.88 2.77 0.00	37.87 3.08 -1.07	39.71 3.21 0.00	38.17 3.11 0.00	28.87 2.38 0.00	33.16 2.85 0.00	38.71 3.34 0.00	37.51 3.11 0.00	65.73 5.02 0.00	70.04 5.29 0.00	75.38 5.99 0.00	42.45 3.49 0.00	27.81 2.35 0.00	31.19 2.36 -2.34	26.65 1.92 0.00
EAST_HAMPTON___DIESEL 23722	63.40 0.79 -58.19	24.89 0.71 -19.98	41.65 3.80 -14.70	46.03 4.30 -14.88	35.10 4.65 -2.30	45.96 4.46 -15.83	26.44 1.41 -17.07	18.50 2.79 0.00	32.57 5.00 0.00	38.35 5.77 -2.48	62.62 6.28 -22.62	98.47 6.65 -55.32	60.72 6.33 -19.33	57.14 4.75 -25.91	74.27 5.59 -38.36	114.74 6.71 -72.66	142.14 6.70 -101.05	139.29 11.67 -66.92	98.40 12.21 -21.43	85.92 12.88 -3.67	51.53 7.41 -5.15	75.56 4.75 -45.36	91.12 4.78 -59.85	70.78 4.09 -41.96
EAST_RIVER___1 323558	40.39 0.38 -35.59	19.46 0.34 -14.92	33.07 1.77 -8.14	41.67 1.91 -12.91	32.63 2.17 -2.30	43.22 2.11 -15.46	22.86 0.70 -14.19	17.13 1.42 0.00	30.17 2.61 0.00	33.16 3.05 0.00	38.18 3.39 -1.07	40.03 3.53 0.00	38.48 3.42 0.00	29.12 2.63 0.00	33.47 3.16 0.00	39.05 3.68 0.00	37.76 3.36 0.00	66.07 5.37 0.00	70.39 5.63 0.00	75.85 6.46 0.00	42.73 3.77 0.00	28.01 2.55 0.00	31.40 2.56 -2.35	26.82 2.09 0.00
EAST_RIVER___2 323559	40.39 0.38 -35.59	19.46 0.34 -14.92	33.07 1.77 -8.14	41.66 1.90 -12.91	32.63 2.18 -2.30	43.23 2.11 -15.46	22.86 0.70 -14.19	17.13 1.43 0.00	30.18 2.61 0.00	33.16 3.06 0.00	38.19 3.40 -1.07	40.05 3.55 0.00	38.50 3.44 0.00	29.13 2.65 0.00	33.48 3.17 0.00	39.06 3.70 0.00	37.79 3.38 0.00	66.07 5.37 0.00	70.40 5.64 0.00	75.86 6.48 0.00	42.75 3.79 0.00	28.02 2.56 0.00	31.41 2.58 -2.35	26.82 2.09 0.00
EAST___DELAWARE_HYD 23607	37.28 0.35 -32.52	18.15 0.31 -13.64	32.23 1.64 -7.44	40.48 1.84 -11.80	32.27 2.01 -2.10	41.76 1.97 -14.13	21.57 0.64 -12.97	17.00 1.29 0.00	30.00 2.44 0.00	32.95 2.85 0.00	37.87 3.17 -0.98	39.80 3.30 0.00	38.24 3.18 0.00	28.90 2.41 0.00	33.17 2.87 0.00	38.75 3.38 0.00	37.64 3.24 0.00	66.20 5.50 0.00	70.53 5.77 0.00	75.75 6.36 0.00	42.59 3.63 0.00	27.85 2.39 0.00	30.98 2.35 -2.14	26.67 1.93 0.00
ELEC_TRO_TEK 24086	63.04 0.43 -58.19	24.58 0.40 -19.98	39.97 2.12 -14.70	44.06 2.33 -14.88	33.02 2.56 -2.30	43.98 2.48 -15.83	25.84 0.80 -17.07	17.31 1.60 0.00	30.46 2.89 0.00	35.96 3.39 -2.48	60.06 3.72 -22.62	95.65 3.83 -55.32	58.14 3.75 -19.33	55.22 2.83 -25.91	72.03 3.35 -38.36	111.90 3.87 -72.66	139.06 3.61 -101.05	133.54 5.92 -66.92	92.49 6.30 -21.43	79.98 6.93 -3.67	48.27 4.15 -5.15	73.57 2.76 -45.36	89.18 2.83 -59.85	69.05 2.36 -41.96
ELLENBURG_WT_PWR 323604	4.28 -0.13 0.00	4.11 -0.10 0.00	22.88 -0.27 0.00	26.65 -0.20 0.00	27.78 -0.38 0.00	25.23 -0.43 0.00	7.83 -0.14 0.00	15.43 -0.27 0.00	27.17 -0.40 0.00	29.41 -0.69 0.00	32.97 -0.75 0.00	35.72 -0.78 0.00	34.21 -0.85 0.00	25.79 -0.69 0.00	29.46 -0.85 0.00	34.34 -1.03 0.00	33.32 -1.08 0.00	58.96 -1.74 0.00	62.86 -1.90 0.00	67.22 -2.16 0.00	37.98 -0.98 0.00	24.78 -0.68 0.00	25.90 -0.58 0.00	24.36 -0.37 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	9.88 -0.22 -5.69	6.42 -0.17 -2.39	23.19 -1.27 -1.30	27.67 -1.25 -2.06	27.59 -0.94 -0.37	27.35 -0.79 -2.47	9.96 -0.28 -2.27	15.09 -0.61 0.00	26.56 -1.01 0.00	28.95 -1.15 0.00	32.46 -1.43 -0.17	35.15 -1.35 0.00	33.96 -1.10 0.00	25.60 -0.89 0.00	29.14 -1.17 0.00	34.23 -1.14 0.00	33.48 -0.93 0.00	59.98 -0.73 0.00	63.80 -0.95 0.00	67.86 -1.52 0.00	37.95 -1.02 0.00	24.64 -0.81 0.00	25.76 -1.11 -0.37	23.59 -1.14 0.00
EMPIRE_CC_1 323656	48.97 0.29 -44.26	23.03 0.27 -18.56	34.77 1.49 -10.12	44.64 1.73 -16.05	32.90 1.89 -2.86	46.67 1.78 -19.23	26.17 0.55 -17.65	16.76 1.05 0.00	29.42 1.85 0.00	32.28 2.18 -0.01	37.54 2.49 -1.33	39.21 2.71 0.00	37.66 2.60 0.00	28.46 1.98 0.00	32.58 2.26 0.00	38.00 2.64 0.00	36.90 2.50 0.00	64.83 4.12 0.00	69.10 4.34 0.00	74.21 4.83 0.00	41.70 2.74 0.00	27.32 1.87 0.00	31.39 1.99 -2.92	26.39 1.65 0.00
EMPIRE_CC_2 323658	48.97 0.29 -44.26	23.03 0.27 -18.56	34.77 1.49 -10.12	44.64 1.73 -16.05	32.90 1.89 -2.86	46.67 1.78 -19.23	26.17 0.55 -17.65	16.76 1.05 0.00	29.42 1.85 0.00	32.28 2.18 -0.01	37.54 2.49 -1.33	39.21 2.71 0.00	37.66 2.60 0.00	28.46 1.98 0.00	32.58 2.26 0.00	38.00 2.64 0.00	36.90 2.50 0.00	64.83 4.12 0.00	69.10 4.34 0.00	74.21 4.83 0.00	41.70 2.74 0.00	27.32 1.87 0.00	31.39 1.99 -2.92	26.39 1.65 0.00
ERIE_WT_PWR 323693	10.08 -0.17 -5.83	6.52 -0.12 -2.44	23.47 -1.02 -1.33	28.00 -0.96 -2.12	27.86 -0.67 -0.38	27.66 -0.54 -2.53	10.08 -0.21 -2.33	15.25 -0.45 0.00	26.86 -0.70 0.00	29.31 -0.79 0.00	32.88 -1.02 -0.17	35.60 -0.90 0.00	34.41 -0.65 0.00	25.93 -0.55 0.00	29.53 -0.78 0.00	34.70 -0.67 0.00	33.93 -0.48 0.00	60.73 0.02 0.00	64.60 -0.16 0.00	68.74 -0.64 0.00	38.43 -0.53 0.00	24.98 -0.48 0.00	26.12 -0.76 -0.38	23.89 -0.84 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	12.46 0.14 -7.91	7.64 0.12 -3.32	25.57 0.61 -1.81	30.46 0.73 -2.87	29.47 0.80 -0.51	29.81 0.71 -3.44	11.34 0.21 -3.15	16.17 0.47 0.00	28.48 0.91 0.00	31.18 1.08 0.00	35.17 1.21 -0.24	37.85 1.35 0.00	36.40 1.34 0.00	27.47 0.99 0.00	31.45 1.13 0.00	36.74 1.37 0.00	35.82 1.42 0.00	63.33 2.63 0.00	67.42 2.67 0.00	72.14 2.76 0.00	40.41 1.45 0.00	26.37 0.91 0.00	27.86 0.85 -0.52	25.47 0.74 0.00
E_CANADA_CAP_HY 24051	62.29 0.13 -57.74	28.56 0.15 -24.21	37.01 0.64 -13.21	48.61 0.81 -20.94	32.88 0.99 -3.73	51.66 0.91 -25.08	31.30 0.31 -23.02	16.36 0.65 0.00	28.91 1.35 0.00	31.49 1.38 -0.01	36.85 1.39 -1.74	38.00 1.50 0.00	36.47 1.41 0.00	27.58 1.10 0.00	31.56 1.25 0.00	36.92 1.55 0.00	36.07 1.67 0.00	63.96 3.26 0.00	68.24 3.49 0.00	72.75 3.37 0.00	40.83 1.87 0.00	26.52 1.07 0.00	31.19 0.90 -3.81	25.59 0.86 0.00
E_CANADA_MHWK_HY 24050	3.72 0.25 0.95	4.03 0.22 0.40	24.13 1.19 0.22	28.01 1.50 0.34	29.76 1.66 0.06	26.94 1.69 0.41	8.14 0.54 0.38	16.78 1.08 0.00	29.42 1.85 0.00	32.41 2.32 0.00	36.35 2.66 0.03	39.37 2.87 0.00	37.81 2.75 0.00	28.55 2.07 0.00	32.73 2.43 0.00	38.01 2.64 0.00	37.01 2.61 0.00	65.01 4.31 0.00	69.27 4.51 0.00	74.79 5.41 0.00	41.92 2.96 0.00	27.40 1.94 0.00	28.43 2.01 0.06	26.33 1.59 0.00
E_FISHKILL__LBMP 23776	41.29 0.33 -36.55	19.82 0.29 -15.32	33.05 1.53 -8.36	41.80 1.69 -13.26	32.41 1.89 -2.36	43.38 1.84 -15.87	23.14 0.60 -14.57	16.90 1.19 0.00	29.75 2.19 0.00	32.68 2.58 0.00	37.69 2.87 -1.10	39.51 3.01 0.00	37.97 2.91 0.00	28.70 2.22 0.00	32.96 2.65 0.00	38.48 3.11 0.00	37.30 2.90 0.00	65.45 4.75 0.00	69.75 4.99 0.00	75.01 5.63 0.00	42.21 3.25 0.00	27.65 2.20 0.00	31.11 2.22 -2.41	26.53 1.80 0.00
FAR ROCKAWAY__4 23548	63.12 0.52 -58.19	24.65 0.47 -19.98	40.36 2.51 -14.70	44.51 2.79 -14.88	33.51 3.05 -2.30	44.42 2.93 -15.83	25.98 0.94 -17.07	17.59 1.88 0.00	30.95 3.39 0.00	36.50 3.92 -2.48	60.66 4.32 -22.62	96.30 4.48 -55.32	58.75 4.36 -19.33	55.71 3.32 -25.91	72.59 3.91 -38.36	112.35 4.32 -72.66	139.36 3.91 -101.05	134.18 6.56 -66.92	93.19 7.00 -21.43	80.67 7.62 -3.67	48.67 4.56 -5.15	74.06 3.25 -45.36	89.65 3.31 -59.85	69.49 2.80 -41.96
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.39 0.38 -35.59	19.47 0.34 -14.92	33.09 1.80 -8.14	41.70 1.94 -12.91	32.67 2.22 -2.30	43.26 2.14 -15.46	22.87 0.71 -14.19	17.15 1.45 0.00	30.21 2.65 0.00	33.20 3.09 0.00	38.23 3.44 -1.07	40.10 3.59 0.00	38.54 3.48 0.00	29.16 2.68 0.00	33.51 3.20 0.00	39.11 3.74 0.00	37.82 3.42 0.00	66.14 5.44 0.00	70.48 5.72 0.00	75.96 6.58 0.00	42.80 3.84 0.00	28.05 2.59 0.00	31.44 2.60 -2.35	26.85 2.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.39 0.38 -35.59	19.47 0.34 -14.92	33.09 1.80 -8.14	41.70 1.94 -12.91	32.67 2.21 -2.30	43.26 2.14 -15.46	22.87 0.71 -14.19	17.15 1.45 0.00	30.20 2.64 0.00	33.19 3.08 0.00	38.22 3.43 -1.07	40.08 3.58 0.00	38.53 3.46 0.00	29.14 2.66 0.00	33.50 3.19 0.00	39.08 3.72 0.00	37.81 3.41 0.00	66.13 5.43 0.00	70.47 5.72 0.00	75.95 6.57 0.00	42.79 3.83 0.00	28.04 2.59 0.00	31.44 2.60 -2.35	26.85 2.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.39 0.38 -35.59	19.46 0.34 -14.92	33.07 1.77 -8.14	41.68 1.92 -12.91	32.64 2.19 -2.30	43.24 2.12 -15.46	22.86 0.70 -14.19	17.13 1.43 0.00	30.18 2.61 0.00	33.16 3.06 0.00	38.19 3.40 -1.07	40.05 3.55 0.00	38.50 3.44 0.00	29.12 2.64 0.00	33.47 3.16 0.00	39.05 3.68 0.00	37.77 3.37 0.00	66.07 5.37 0.00	70.40 5.64 0.00	75.86 6.47 0.00	42.75 3.79 0.00	28.01 2.56 0.00	31.41 2.58 -2.35	26.83 2.09 0.00
FARRAGUT__LBMP 323566	40.38 0.37 -35.59	19.46 0.33 -14.92	33.05 1.75 -8.14	41.65 1.89 -12.91	32.62 2.17 -2.30	43.21 2.09 -15.46	22.85 0.70 -14.19	17.12 1.41 0.00	30.15 2.59 0.00	33.13 3.03 0.00	38.15 3.36 -1.07	40.00 3.51 0.00	38.46 3.39 0.00	29.09 2.61 0.00	33.44 3.13 0.00	39.01 3.65 0.00	37.73 3.33 0.00	66.00 5.30 0.00	70.32 5.57 0.00	75.78 6.40 0.00	42.71 3.75 0.00	27.99 2.53 0.00	31.38 2.55 -2.35	26.80 2.07 0.00
FENNER__WINDPWR 24204	7.27 0.12 -2.74	5.46 0.11 -1.15	24.33 0.55 -0.63	28.51 0.66 -0.99	29.07 0.73 -0.18	27.49 0.64 -1.19	9.26 0.19 -1.09	16.12 0.41 0.00	28.36 0.80 0.00	31.04 0.94 0.00	34.92 1.12 -0.08	37.76 1.26 0.00	36.28 1.22 0.00	27.38 0.90 0.00	31.36 1.05 0.00	36.66 1.29 0.00	35.74 1.33 0.00	63.13 2.43 0.00	67.20 2.45 0.00	71.91 2.53 0.00	40.29 1.33 0.00	26.28 0.83 0.00	27.46 0.79 -0.18	25.43 0.69 0.00
FIBERTEK__ENERGY 23856	7.98 0.01 -3.56	5.71 0.01 -1.49	23.96 -0.01 -0.82	28.15 0.01 -1.29	28.40 0.01 -0.23	27.15 -0.06 -1.55	9.37 -0.02 -1.42	15.69 -0.01 0.00	27.55 -0.01 0.00	30.10 0.00 0.00	33.82 0.00 -0.11	36.52 0.03 0.00	35.12 0.06 0.00	26.52 0.03 0.00	30.34 0.03 0.00	35.46 0.09 0.00	34.57 0.17 0.00	61.12 0.42 0.00	65.08 0.33 0.00	69.68 0.30 0.00	39.06 0.10 0.00	25.48 0.03 0.00	26.69 -0.04 -0.23	24.74 0.01 0.00



FITZPATRICK____ 23598	6.48 -0.11 -2.17	5.02 -0.10 -0.91	23.06 -0.59 -0.50	26.97 -0.67 -0.79	27.60 -0.70 -0.14	25.86 -0.75 -0.94	8.60 -0.24 -0.87	15.26 -0.45 0.00	26.74 -0.82 0.00	29.16 -0.94 0.00	32.72 -1.06 -0.06	35.38 -1.12 0.00	34.01 -1.05 0.00	25.68 -0.80 0.00	29.38 -0.92 0.00	34.32 -1.05 0.00	33.44 -0.96 0.00	59.09 -1.61 0.00	62.98 -1.78 0.00	67.45 -1.93 0.00	37.83 -1.13 0.00	24.70 -0.76 0.00	25.83 -0.81 -0.14	24.08 -0.65 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.41 0.38 -36.61	19.90 0.34 -15.35	33.34 1.80 -8.37	42.14 2.01 -13.28	32.75 2.23 -2.36	43.73 2.16 -15.90	23.27 0.70 -14.60	17.11 1.40 0.00	30.15 2.58 0.00	33.13 3.03 0.00	38.19 3.37 -1.10	40.05 3.55 0.00	38.49 3.43 0.00	29.10 2.61 0.00	33.41 3.10 0.00	39.02 3.65 0.00	37.88 3.48 0.00	66.53 5.83 0.00	70.88 6.12 0.00	76.15 6.77 0.00	42.85 3.89 0.00	28.03 2.58 0.00	31.48 2.58 -2.41	26.84 2.11 0.00
FORT ORANGE____ 23900	49.53 0.31 -44.81	23.27 0.28 -18.79	34.91 1.51 -10.25	44.84 1.73 -16.25	32.95 1.90 -2.89	46.95 1.83 -19.46	26.39 0.55 -17.86	16.73 1.03 0.00	29.23 1.67 0.00	32.10 2.00 -0.01	37.46 2.40 -1.35	39.09 2.59 0.00	37.55 2.49 0.00	28.36 1.88 0.00	32.45 2.14 0.00	37.80 2.43 0.00	36.74 2.34 0.00	64.55 3.84 0.00	68.78 4.02 0.00	73.84 4.46 0.00	41.49 2.53 0.00	27.23 1.78 0.00	31.45 2.01 -2.95	26.40 1.67 0.00
FORT_DRUM_COGEN 23780	5.82 0.04 -1.36	4.79 0.02 -0.57	23.61 0.14 -0.31	27.53 0.18 -0.50	28.40 0.15 -0.09	26.26 0.01 -0.59	8.53 0.02 -0.54	15.77 0.07 0.00	27.74 0.17 0.00	30.26 0.16 0.00	34.00 0.24 -0.04	36.83 0.33 0.00	35.41 0.35 0.00	26.72 0.24 0.00	30.59 0.27 0.00	35.72 0.36 0.00	34.93 0.53 0.00	61.89 1.19 0.00	65.86 1.11 0.00	70.38 1.00 0.00	39.38 0.42 0.00	25.60 0.15 0.00	26.58 0.00 -0.09	24.77 0.03 0.00
FPL_FAR_ROCK_GT1 24212	63.12 0.52 -58.19	24.65 0.47 -19.98	40.36 2.51 -14.70	44.51 2.79 -14.88	33.51 3.05 -2.30	44.42 2.93 -15.83	25.98 0.94 -17.07	17.59 1.88 0.00	30.95 3.39 0.00	36.50 3.92 -2.48	60.66 4.32 -22.62	96.30 4.48 -55.32	58.75 4.36 -19.33	55.71 3.32 -25.91	72.59 3.91 -38.36	112.35 4.32 -72.66	139.36 3.91 -101.05	134.18 6.56 -66.92	93.19 7.00 -21.43	80.67 7.62 -3.67	48.67 4.56 -5.15	74.06 3.25 -45.36	89.65 3.31 -59.85	69.49 2.80 -41.96
FPL_FAR_ROCK_GT2 23815	63.12 0.52 -58.19	24.65 0.47 -19.98	40.36 2.51 -14.70	44.51 2.79 -14.88	33.51 3.05 -2.30	44.42 2.93 -15.83	25.98 0.94 -17.07	17.59 1.88 0.00	30.95 3.39 0.00	36.50 3.92 -2.48	60.66 4.32 -22.62	96.30 4.48 -55.32	58.75 4.36 -19.33	55.71 3.32 -25.91	72.59 3.91 -38.36	112.35 4.32 -72.66	139.36 3.91 -101.05	134.18 6.56 -66.92	93.19 7.00 -21.43	80.67 7.62 -3.67	48.67 4.56 -5.15	74.06 3.25 -45.36	89.65 3.31 -59.85	69.49 2.80 -41.96
FRANKLIN_FALL_HYD 24054	4.36 -0.06 0.00	4.15 -0.05 0.00	23.12 -0.03 0.00	26.95 0.10 0.00	28.06 -0.10 0.00	25.41 -0.26 0.00	7.90 -0.08 0.00	15.56 -0.14 0.00	27.36 -0.20 0.00	29.60 -0.50 0.00	33.20 -0.52 0.00	35.92 -0.58 0.00	34.40 -0.66 0.00	25.95 -0.53 0.00	29.64 -0.68 0.00	34.54 -0.83 0.00	33.59 -0.81 0.00	59.53 -1.17 0.00	63.60 -1.15 0.00	67.81 -1.57 0.00	38.20 -0.76 0.00	24.89 -0.57 0.00	25.96 -0.53 0.00	24.47 -0.26 0.00
FREEPORT_EQUS_GT1 23764	63.10 0.49 -58.19	24.63 0.45 -19.98	40.22 2.37 -14.70	44.33 2.60 -14.88	33.29 2.83 -2.30	44.24 2.75 -15.83	25.92 0.88 -17.07	17.47 1.76 0.00	30.73 3.17 0.00	36.28 3.70 -2.48	60.38 4.04 -22.62	96.04 4.22 -55.32	58.48 4.09 -19.33	55.48 3.08 -25.91	72.34 3.67 -38.36	112.30 4.27 -72.66	139.50 4.05 -101.05	134.35 6.73 -66.92	93.38 7.19 -21.43	80.91 7.87 -3.67	48.77 4.66 -5.15	73.91 3.10 -45.36	89.54 3.20 -59.85	69.37 2.68 -41.96
FREEPORT____CT2 23818	63.10 0.49 -58.19	24.63 0.45 -19.98	40.22 2.37 -14.70	44.33 2.60 -14.88	33.29 2.83 -2.30	44.24 2.75 -15.83	25.92 0.88 -17.07	17.47 1.76 0.00	30.73 3.17 0.00	36.28 3.70 -2.48	60.38 4.04 -22.62	96.04 4.22 -55.32	58.48 4.09 -19.33	55.48 3.08 -25.91	72.34 3.67 -38.36	112.30 4.27 -72.66	139.50 4.05 -101.05	134.35 6.73 -66.92	93.38 7.19 -21.43	80.91 7.87 -3.67	48.77 4.66 -5.15	73.91 3.10 -45.36	89.54 3.20 -59.85	69.37 2.68 -41.96
FULTON COGEN____ 23766	7.17 -0.04 -2.80	5.34 -0.04 -1.17	23.51 -0.28 -0.64	27.55 -0.31 -1.02	28.01 -0.33 -0.18	26.48 -0.40 -1.22	8.96 -0.12 -1.12	15.47 -0.23 0.00	27.16 -0.41 0.00	29.66 -0.44 0.00	33.31 -0.49 -0.08	36.00 -0.50 0.00	34.61 -0.45 0.00	26.13 -0.35 0.00	29.89 -0.41 0.00	34.93 -0.44 0.00	34.06 -0.34 0.00	60.21 -0.49 0.00	64.13 -0.63 0.00	68.67 -0.71 0.00	38.48 -0.48 0.00	25.11 -0.35 0.00	26.26 -0.41 -0.18	24.42 -0.31 0.00
FULTON____LFGE 323630	59.66 0.48 -54.76	27.61 0.45 -22.96	38.02 2.34 -12.52	49.46 2.75 -19.86	34.71 3.02 -3.53	52.24 2.79 -23.79	30.69 0.89 -21.83	17.51 1.80 0.00	31.02 3.46 0.00	34.08 3.98 -0.01	39.94 4.57 -1.65	41.48 4.98 0.00	39.81 4.75 0.00	30.09 3.60 0.00	34.43 4.12 0.00	40.35 4.98 0.00	39.68 5.28 0.00	70.37 9.66 0.00	74.90 10.14 0.00	79.74 10.36 0.00	44.56 5.59 0.00	28.85 3.40 0.00	33.31 3.21 -3.61	27.59 2.85 0.00
G.F.CEMENT____DRP 24184	52.55 0.36 -47.78	24.55 0.32 -20.03	35.88 1.80 -10.93	46.29 2.11 -17.33	33.48 2.24 -3.08	48.57 2.16 -20.75	27.69 0.67 -19.05	17.01 1.30 0.00	30.02 2.46 0.00	32.97 2.86 -0.01	38.39 3.24 -1.44	40.06 3.56 0.00	38.46 3.40 0.00	29.08 2.60 0.00	33.29 2.98 0.00	38.90 3.53 0.00	37.87 3.47 0.00	66.70 6.00 0.00	70.96 6.21 0.00	76.08 6.69 0.00	42.65 3.69 0.00	27.82 2.36 0.00	32.01 2.37 -3.15	26.70 1.97 0.00
GARDENVILLE____LBMP 24039	10.03 -0.19 -5.80	6.49 -0.14 -2.43	23.38 -1.10 -1.33	27.89 -1.07 -2.10	27.77 -0.77 -0.37	27.55 -0.63 -2.52	10.05 -0.23 -2.31	15.20 -0.51 0.00	26.76 -0.81 0.00	29.20 -0.90 0.00	32.74 -1.15 -0.17	35.46 -1.04 0.00	34.27 -0.79 0.00	25.83 -0.66 0.00	29.41 -0.90 0.00	34.54 -0.83 0.00	33.77 -0.63 0.00	60.46 -0.24 0.00	64.32 -0.44 0.00	68.45 -0.93 0.00	38.26 -0.70 0.00	24.87 -0.59 0.00	26.00 -0.87 -0.38	23.79 -0.94 0.00
GENERAL____MILLS 23808	10.07 -0.17 -5.83	6.52 -0.13 -2.44	23.46 -1.03 -1.33	27.99 -0.97 -2.12	27.86 -0.68 -0.38	27.65 -0.54 -2.53	10.08 -0.21 -2.33	15.25 -0.46 0.00	26.85 -0.71 0.00	29.30 -0.80 0.00	32.87 -1.03 -0.17	35.59 -0.91 0.00	34.39 -0.67 0.00	25.92 -0.56 0.00	29.51 -0.80 0.00	34.67 -0.70 0.00	33.89 -0.51 0.00	60.66 -0.04 0.00	64.53 -0.22 0.00	68.67 -0.71 0.00	38.39 -0.57 0.00	24.95 -0.50 0.00	26.09 -0.78 -0.38	23.88 -0.85 0.00
GE_PLASTICS____DRP 24183	49.04 0.28 -44.35	23.05 0.26 -18.59	34.71 1.41 -10.14	44.57 1.63 -16.09	32.80 1.78 -2.86	46.63 1.71 -19.26	26.17 0.51 -17.68	16.66 0.96 0.00	29.12 1.55 0.00	31.95 1.85 -0.01	37.28 2.23 -1.33	38.91 2.41 0.00	37.38 2.31 0.00	28.23 1.74 0.00	32.29 1.99 0.00	37.62 2.25 0.00	36.56 2.16 0.00	64.24 3.53 0.00	68.45 3.70 0.00	73.50 4.11 0.00	41.29 2.33 0.00	27.09 1.64 0.00	31.27 1.86 -2.92	26.28 1.55 0.00



GILBOA___1 23756	39.66 0.22 -35.03	19.09 0.19 -14.69	32.27 1.10 -8.01	40.79 1.23 -12.71	31.74 1.32 -2.26	42.23 1.35 -15.22	22.33 0.39 -13.97	16.48 0.78 0.00	28.97 1.41 0.00	31.76 1.66 0.00	36.64 1.87 -1.05	38.49 1.99 0.00	36.99 1.93 0.00	27.94 1.46 0.00	32.02 1.71 0.00	37.38 2.01 0.00	36.25 1.86 0.00	63.59 2.88 0.00	67.87 3.12 0.00	72.86 3.48 0.00	40.99 2.03 0.00	26.87 1.41 0.00	30.26 1.46 -2.31	25.95 1.21 0.00
GILBOA___2 23757	39.66 0.22 -35.03	19.09 0.19 -14.69	32.27 1.10 -8.01	40.79 1.23 -12.71	31.74 1.32 -2.26	42.23 1.35 -15.22	22.33 0.39 -13.97	16.48 0.78 0.00	28.97 1.41 0.00	31.76 1.66 0.00	36.64 1.87 -1.05	38.49 1.99 0.00	36.99 1.93 0.00	27.94 1.46 0.00	32.02 1.71 0.00	37.38 2.01 0.00	36.25 1.86 0.00	63.59 2.88 0.00	67.87 3.12 0.00	72.86 3.48 0.00	40.99 2.03 0.00	26.87 1.41 0.00	30.26 1.46 -2.31	25.95 1.21 0.00
GILBOA___3 23758	39.66 0.22 -35.03	19.09 0.19 -14.69	32.27 1.10 -8.01	40.79 1.23 -12.71	31.74 1.32 -2.26	42.23 1.35 -15.22	22.33 0.39 -13.97	16.48 0.78 0.00	28.97 1.41 0.00	31.76 1.66 0.00	36.64 1.87 -1.05	38.49 1.99 0.00	36.99 1.93 0.00	27.94 1.46 0.00	32.02 1.71 0.00	37.38 2.01 0.00	36.25 1.86 0.00	63.59 2.88 0.00	67.87 3.12 0.00	72.86 3.48 0.00	40.99 2.03 0.00	26.87 1.41 0.00	30.26 1.46 -2.31	25.95 1.21 0.00
GILBOA___4 23759	39.66 0.22 -35.03	19.09 0.19 -14.69	32.27 1.10 -8.01	40.79 1.23 -12.71	31.74 1.32 -2.26	42.23 1.35 -15.22	22.33 0.39 -13.97	16.48 0.78 0.00	28.97 1.41 0.00	31.76 1.66 0.00	36.64 1.87 -1.05	38.49 1.99 0.00	36.99 1.93 0.00	27.94 1.46 0.00	32.02 1.71 0.00	37.38 2.01 0.00	36.25 1.86 0.00	63.59 2.88 0.00	67.87 3.12 0.00	72.86 3.48 0.00	40.99 2.03 0.00	26.87 1.41 0.00	30.26 1.46 -2.31	25.95 1.21 0.00
GILBOA____ 23599	39.66 0.22 -35.03	19.09 0.19 -14.69	32.27 1.10 -8.01	40.79 1.23 -12.71	31.74 1.32 -2.26	42.23 1.35 -15.22	22.33 0.39 -13.97	16.48 0.78 0.00	28.97 1.41 0.00	31.76 1.66 0.00	36.64 1.87 -1.05	38.49 1.99 0.00	36.99 1.93 0.00	27.94 1.46 0.00	32.02 1.71 0.00	37.38 2.01 0.00	36.25 1.86 0.00	63.59 2.88 0.00	67.87 3.12 0.00	72.86 3.48 0.00	40.99 2.03 0.00	26.87 1.41 0.00	30.26 1.46 -2.31	25.95 1.21 0.00
GINNA____ 23603	8.24 -0.33 -4.16	5.64 -0.30 -1.74	22.27 -1.83 -0.95	26.35 -2.01 -1.51	26.49 -1.94 -0.27	25.70 -1.77 -1.80	9.07 -0.55 -1.66	14.61 -1.10 0.00	25.65 -1.91 0.00	28.00 -2.10 0.00	31.44 -2.41 -0.12	34.00 -2.50 0.00	32.75 -2.31 0.00	24.73 -1.76 0.00	28.22 -2.09 0.00	33.06 -2.31 0.00	32.34 -2.06 0.00	57.67 -3.04 0.00	61.42 -3.33 0.00	65.50 -3.89 0.00	36.64 -2.32 0.00	23.79 -1.67 0.00	24.83 -1.93 -0.27	22.90 -1.83 0.00
GLEN PARK____ 23778	5.92 0.06 -1.45	4.84 0.03 -0.61	23.69 0.20 -0.33	27.63 0.26 -0.53	28.48 0.23 -0.09	26.38 0.09 -0.63	8.59 0.05 -0.58	15.83 0.12 0.00	27.85 0.28 0.00	30.39 0.29 0.00	34.16 0.40 -0.04	37.01 0.51 0.00	35.59 0.53 0.00	26.85 0.37 0.00	30.73 0.42 0.00	35.89 0.52 0.00	35.13 0.72 0.00	62.25 1.54 0.00	66.24 1.48 0.00	70.77 1.39 0.00	39.58 0.62 0.00	25.71 0.26 0.00	26.69 0.11 -0.09	24.85 0.12 0.00
GLENWOOD_IC_1_G5 23712	63.04 0.43 -58.19	24.57 0.39 -19.98	39.93 2.08 -14.70	44.02 2.29 -14.88	32.98 2.52 -2.30	43.94 2.44 -15.83	25.83 0.79 -17.07	17.29 1.59 0.00	30.43 2.87 0.00	35.95 3.37 -2.48	60.08 3.74 -22.62	95.72 3.90 -55.32	58.18 3.79 -19.33	55.27 2.87 -25.91	72.09 3.41 -38.36	112.01 3.98 -72.66	139.17 3.72 -101.05	133.66 6.03 -66.92	92.46 6.27 -21.43	80.00 6.95 -3.67	48.22 4.11 -5.15	73.62 2.81 -45.36	89.19 2.85 -59.85	69.05 2.36 -41.96
GLENWOOD_IC_2_G1 23688	63.01 0.40 -58.19	24.55 0.37 -19.98	39.79 1.94 -14.70	43.85 2.12 -14.88	32.81 2.35 -2.30	43.77 2.28 -15.83	25.78 0.74 -17.07	17.19 1.49 0.00	30.27 2.70 0.00	35.75 3.17 -2.48	59.87 3.53 -22.62	95.50 3.68 -55.32	57.96 3.57 -19.33	55.10 2.71 -25.91	71.91 3.23 -38.36	111.80 3.77 -72.66	138.97 3.52 -101.05	133.35 5.73 -66.92	92.24 6.04 -21.43	79.80 6.76 -3.67	48.09 3.97 -5.15	73.48 2.66 -45.36	89.03 2.69 -59.85	68.90 2.21 -41.96
GLENWOOD_IC_3_G1 23689	63.01 0.40 -58.19	24.55 0.37 -19.98	39.79 1.94 -14.70	43.85 2.12 -14.88	32.81 2.35 -2.30	43.77 2.28 -15.83	25.78 0.74 -17.07	17.19 1.49 0.00	30.27 2.70 0.00	35.75 3.17 -2.48	59.87 3.53 -22.62	95.50 3.68 -55.32	57.96 3.57 -19.33	55.10 2.71 -25.91	71.91 3.23 -38.36	111.80 3.77 -72.66	138.97 3.52 -101.05	133.35 5.73 -66.92	92.24 6.04 -21.43	79.80 6.76 -3.67	48.09 3.97 -5.15	73.48 2.66 -45.36	89.03 2.69 -59.85	68.90 2.21 -41.96
GLENWOOD___4 23550	63.04 0.43 -58.19	24.57 0.39 -19.98	39.93 2.08 -14.70	44.02 2.29 -14.88	32.98 2.52 -2.30	43.94 2.44 -15.83	25.83 0.79 -17.07	17.29 1.59 0.00	30.43 2.87 0.00	35.95 3.37 -2.48	60.08 3.74 -22.62	95.72 3.90 -55.32	58.18 3.79 -19.33	55.27 2.87 -25.91	72.09 3.41 -38.36	112.02 3.98 -72.66	139.18 3.73 -101.05	133.70 6.07 -66.92	92.55 6.36 -21.43	80.09 7.04 -3.67	48.26 4.15 -5.15	73.62 2.81 -45.36	89.19 2.85 -59.85	69.05 2.36 -41.96
GLENWOOD___5 23614	63.04 0.43 -58.19	24.57 0.39 -19.98	39.93 2.08 -14.70	44.02 2.29 -14.88	32.98 2.52 -2.30	43.94 2.44 -15.83	25.83 0.79 -17.07	17.29 1.59 0.00	30.43 2.87 0.00	35.95 3.37 -2.48	60.08 3.74 -22.62	95.72 3.90 -55.32	58.18 3.79 -19.33	55.27 2.87 -25.91	72.09 3.41 -38.36	112.02 3.98 -72.66	139.18 3.73 -101.05	133.70 6.07 -66.92	92.55 6.36 -21.43	80.09 7.04 -3.67	48.26 4.15 -5.15	73.62 2.81 -45.36	89.19 2.85 -59.85	69.05 2.36 -41.96
GLOBAL GREEN_PORT_GT1 23814	63.40 0.79 -58.19	24.89 0.71 -19.98	41.66 3.81 -14.70	46.03 4.30 -14.88	35.10 4.65 -2.30	45.95 4.46 -15.83	26.44 1.41 -17.07	18.50 2.79 0.00	32.55 4.99 0.00	38.35 5.77 -2.48	62.60 6.26 -22.62	98.44 6.62 -55.32	60.70 6.32 -19.33	57.13 4.74 -25.91	74.25 5.58 -38.36	114.74 6.70 -72.66	142.15 6.70 -101.05	139.29 11.67 -66.92	98.39 12.20 -21.43	85.92 12.87 -3.67	51.53 7.42 -5.15	75.57 4.76 -45.36	91.13 4.79 -59.85	70.79 4.10 -41.96
GLOBE___DSASP 323697	9.40 -0.46 -5.44	6.11 -0.37 -2.28	22.02 -2.38 -1.24	26.35 -2.47 -1.97	26.30 -2.21 -0.35	26.11 -1.92 -2.36	9.51 -0.63 -2.17	14.39 -1.31 0.00	25.30 -2.26 0.00	27.49 -2.61 0.00	30.77 -3.11 -0.16	33.29 -3.21 0.00	32.13 -2.93 0.00	24.23 -2.25 0.00	27.55 -2.75 0.00	32.39 -2.98 0.00	31.76 -2.64 0.00	57.05 -3.65 0.00	60.76 -3.99 0.00	64.51 -4.87 0.00	36.04 -2.92 0.00	23.34 -2.11 0.00	24.37 -2.48 -0.36	22.36 -2.37 0.00
GOETHSLN___LBMP 323567	40.37 0.36 -35.59	19.44 0.32 -14.92	32.96 1.67 -8.14	41.55 1.79 -12.91	32.50 2.05 -2.30	43.11 1.99 -15.46	22.82 0.67 -14.19	17.08 1.37 0.00	30.06 2.49 0.00	33.03 2.92 0.00	38.02 3.23 -1.07	39.86 3.36 0.00	38.31 3.25 0.00	28.98 2.50 0.00	33.32 3.01 0.00	38.88 3.51 0.00	37.58 3.18 0.00	65.73 5.03 0.00	70.02 5.26 0.00	75.48 6.09 0.00	42.53 3.58 0.00	27.89 2.44 0.00	31.28 2.45 -2.35	26.72 1.98 0.00



GOODYEAR_LAKE_HYD 323669	14.95 0.20 -10.33	8.73 0.19 -4.33	26.51 1.00 -2.36	31.75 1.15 -3.75	30.09 1.26 -0.67	31.36 1.22 -4.49	12.47 0.38 -4.12	16.50 0.80 0.00	29.11 1.55 0.00	31.87 1.77 0.00	35.95 1.92 -0.31	38.55 2.05 0.00	37.03 1.97 0.00	27.97 1.49 0.00	32.04 1.73 0.00	37.44 2.07 0.00	36.45 2.05 0.00	64.31 3.61 0.00	68.59 3.83 0.00	73.41 4.03 0.00	41.20 2.24 0.00	26.88 1.43 0.00	28.50 1.33 -0.68	25.88 1.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.14 0.14 -11.59	9.19 0.13 -4.86	26.44 0.63 -2.65	31.81 0.75 -4.20	29.74 0.83 -0.75	31.46 0.76 -5.04	12.80 0.21 -4.62	16.16 0.45 0.00	28.45 0.89 0.00	31.18 1.08 0.00	35.25 1.18 -0.35	37.82 1.32 0.00	36.38 1.32 0.00	27.43 0.95 0.00	31.42 1.11 0.00	36.69 1.32 0.00	35.67 1.27 0.00	62.91 2.21 0.00	66.93 2.17 0.00	71.70 2.32 0.00	40.21 1.25 0.00	26.31 0.86 0.00	28.09 0.84 -0.76	25.44 0.70 0.00
GOUDEY___7 23579	16.15 0.14 -11.59	9.19 0.13 -4.86	26.45 0.65 -2.65	31.83 0.78 -4.20	29.77 0.86 -0.75	31.49 0.79 -5.04	12.81 0.22 -4.62	16.17 0.47 0.00	28.48 0.92 0.00	31.22 1.12 0.00	35.28 1.21 -0.35	37.87 1.37 0.00	36.42 1.36 0.00	27.47 0.98 0.00	31.45 1.14 0.00	36.73 1.37 0.00	35.71 1.31 0.00	62.99 2.29 0.00	67.01 2.26 0.00	71.79 2.41 0.00	40.25 1.29 0.00	26.34 0.88 0.00	28.11 0.86 -0.76	25.46 0.73 0.00
GOUDEY___8 23580	16.14 0.14 -11.59	9.19 0.13 -4.86	26.44 0.63 -2.65	31.81 0.75 -4.20	29.74 0.83 -0.75	31.46 0.76 -5.04	12.80 0.21 -4.62	16.16 0.45 0.00	28.45 0.89 0.00	31.18 1.08 0.00	35.25 1.18 -0.35	37.82 1.32 0.00	36.38 1.32 0.00	27.43 0.95 0.00	31.42 1.11 0.00	36.69 1.32 0.00	35.67 1.27 0.00	62.91 2.21 0.00	66.93 2.17 0.00	71.70 2.32 0.00	40.21 1.25 0.00	26.31 0.86 0.00	28.09 0.84 -0.76	25.44 0.70 0.00
GOWANUS_GT1_1 24077	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT1_2 24078	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT1_3 24079	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT1_4 24080	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT1_5 24084	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT1_6 24111	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT1_7 24112	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT1_8 24113	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT2_1 24114	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT2_2 24115	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT2_3 24116	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00



GOWANUS_GT2_4 24117	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT2_5 24118	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT2_6 24119	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT2_7 24120	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT2_8 24121	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT3_1 24122	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT3_2 24123	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT3_3 24124	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT3_4 24125	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT3_5 24126	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT3_6 24127	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT3_7 24128	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT3_8 24129	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT4_1 24130	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT4_2 24131	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00



GOWANUS_GT4_3 24132	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT4_4 24133	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT4_5 24134	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT4_6 24135	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT4_7 24136	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GOWANUS_GT4_8 24137	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GREENIDGE___3 23582	11.51 0.08 -7.01	7.21 0.07 -2.94	25.02 0.26 -1.61	29.72 0.32 -2.54	29.06 0.45 -0.45	29.15 0.44 -3.05	10.88 0.11 -2.80	15.97 0.27 0.00	28.18 0.62 0.00	30.90 0.80 0.00	34.80 0.87 -0.21	37.55 1.05 0.00	36.15 1.09 0.00	27.25 0.77 0.00	31.14 0.83 0.00	36.45 1.08 0.00	35.57 1.16 0.00	63.08 2.37 0.00	67.12 2.37 0.00	71.80 2.42 0.00	40.17 1.21 0.00	26.19 0.73 0.00	27.54 0.58 -0.46	25.17 0.43 0.00
GREENIDGE___4 23583	11.51 0.08 -7.01	7.21 0.07 -2.94	25.02 0.26 -1.61	29.72 0.32 -2.54	29.06 0.45 -0.45	29.15 0.44 -3.05	10.88 0.11 -2.80	15.97 0.27 0.00	28.18 0.62 0.00	30.90 0.80 0.00	34.80 0.87 -0.21	37.55 1.05 0.00	36.15 1.09 0.00	27.25 0.77 0.00	31.14 0.83 0.00	36.45 1.08 0.00	35.57 1.16 0.00	63.08 2.37 0.00	67.12 2.37 0.00	71.80 2.42 0.00	40.17 1.21 0.00	26.19 0.73 0.00	27.54 0.58 -0.46	25.17 0.43 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
GROVEVILLE___HYD 323602	41.41 0.38 -36.61	19.90 0.34 -15.35	33.34 1.80 -8.37	42.14 2.01 -13.28	32.75 2.23 -2.36	43.73 2.16 -15.90	23.27 0.70 -14.60	17.11 1.40 0.00	30.15 2.58 0.00	33.13 3.03 0.00	38.19 3.37 -1.10	40.05 3.55 0.00	38.49 3.43 0.00	29.10 2.61 0.00	33.41 3.10 0.00	39.02 3.65 0.00	37.88 3.48 0.00	66.53 5.83 0.00	70.88 6.12 0.00	76.15 6.77 0.00	42.85 3.89 0.00	28.03 2.58 0.00	31.48 2.58 -2.41	26.84 2.11 0.00
HAMPSHIRE___PAPER_HYD 323593	4.36 -0.06 0.00	4.11 -0.09 0.00	22.85 -0.30 0.00	26.56 -0.29 0.00	27.75 -0.41 0.00	25.00 -0.66 0.00	7.77 -0.19 0.00	15.30 -0.41 0.00	26.82 -0.74 0.00	29.00 -1.09 0.00	32.53 -1.18 0.00	35.25 -1.25 0.00	33.86 -1.20 0.00	25.56 -0.92 0.00	29.24 -1.06 0.00	34.11 -1.26 0.00	33.28 -1.12 0.00	58.90 -1.80 0.00	62.80 -1.96 0.00	67.06 -2.32 0.00	37.60 -1.36 0.00	24.48 -0.97 0.00	25.44 -1.05 0.00	24.01 -0.72 0.00
HARDSCRABBLE_WT_PWR 323673	3.63 0.16 0.95	3.96 0.15 0.40	23.70 0.76 0.22	27.57 1.06 0.34	29.35 1.25 0.06	26.58 1.33 0.41	8.03 0.44 0.38	16.58 0.88 0.00	29.07 1.51 0.00	31.96 1.85 0.00	35.79 2.09 0.03	38.74 2.24 0.00	37.20 2.14 0.00	28.10 1.62 0.00	32.22 1.92 0.00	37.38 2.01 0.00	36.42 2.02 0.00	64.05 3.35 0.00	68.30 3.54 0.00	73.78 4.40 0.00	41.40 2.44 0.00	27.07 1.61 0.00	28.08 1.65 0.06	26.05 1.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.33 0.33 -33.60	18.58 0.29 -14.09	32.35 1.51 -7.69	40.72 1.69 -12.19	32.20 1.87 -2.17	42.08 1.82 -14.59	21.96 0.60 -13.39	16.90 1.19 0.00	29.77 2.21 0.00	32.70 2.60 0.00	37.62 2.89 -1.01	39.50 3.00 0.00	37.96 2.90 0.00	28.70 2.22 0.00	32.96 2.65 0.00	38.51 3.14 0.00	37.35 2.95 0.00	65.61 4.90 0.00	69.90 5.15 0.00	75.15 5.77 0.00	42.29 3.33 0.00	27.67 2.21 0.00	30.91 2.20 -2.21	26.52 1.79 0.00
HARZA MOOSE___RIVER 24016	4.49 0.08 0.00	4.27 0.06 0.00	23.52 0.37 0.00	27.28 0.43 0.00	28.59 0.43 0.00	26.00 0.34 0.00	8.08 0.11 0.00	15.95 0.24 0.00	28.04 0.47 0.00	30.60 0.50 0.00	34.33 0.61 0.00	37.21 0.71 0.00	35.76 0.70 0.00	26.99 0.50 0.00	30.90 0.60 0.00	36.08 0.72 0.00	35.20 0.80 0.00	62.21 1.50 0.00	66.23 1.48 0.00	70.84 1.46 0.00	39.68 0.72 0.00	25.87 0.41 0.00	26.83 0.33 0.00	25.06 0.32 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.42 0.41 -35.60	19.47 0.34 -14.92	33.08 1.78 -8.14	41.68 1.92 -12.91	32.65 2.19 -2.30	43.27 2.14 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.19 2.63 0.00	33.18 3.07 0.00	38.21 3.42 -1.07	40.10 3.61 0.00	38.52 3.46 0.00	29.14 2.66 0.00	33.49 3.18 0.00	39.07 3.70 0.00	37.78 3.38 0.00	66.04 5.33 0.00	70.51 5.76 0.00	75.91 6.53 0.00	42.81 3.85 0.00	28.06 2.61 0.00	31.43 2.60 -2.35	26.86 2.13 0.00



HEMPSTEAD____ 23647	63.06 0.45 -58.19	24.59 0.41 -19.98	40.02 2.17 -14.70	44.11 2.38 -14.88	33.07 2.61 -2.30	44.03 2.54 -15.83	25.86 0.82 -17.07	17.35 1.64 0.00	30.52 2.95 0.00	36.04 3.46 -2.48	60.14 3.80 -22.62	95.79 3.96 -55.32	58.23 3.84 -19.33	55.29 2.90 -25.91	72.12 3.45 -38.36	112.06 4.02 -72.66	139.24 3.79 -101.05	133.81 6.19 -66.92	92.74 6.55 -21.43	80.25 7.20 -3.67	48.39 4.27 -5.15	73.67 2.86 -45.36	89.29 2.94 -59.85	69.13 2.44 -41.96
HICKLING___1 23621	13.62 0.17 -9.03	8.15 0.16 -3.79	25.95 0.73 -2.06	30.98 0.85 -3.28	29.76 1.02 -0.58	30.55 0.96 -3.92	11.82 0.25 -3.60	16.26 0.55 0.00	28.71 1.15 0.00	31.54 1.44 0.00	35.55 1.56 -0.27	38.32 1.82 0.00	36.91 1.85 0.00	27.81 1.33 0.00	31.80 1.49 0.00	37.18 1.82 0.00	36.18 1.78 0.00	63.95 3.24 0.00	67.95 3.19 0.00	72.75 3.37 0.00	40.74 1.77 0.00	26.66 1.21 0.00	28.22 1.14 -0.60	25.65 0.92 0.00
HICKLING___2 23622	13.62 0.17 -9.03	8.15 0.16 -3.79	25.95 0.73 -2.06	30.98 0.85 -3.28	29.76 1.02 -0.58	30.55 0.96 -3.92	11.82 0.25 -3.60	16.26 0.55 0.00	28.71 1.15 0.00	31.54 1.44 0.00	35.55 1.56 -0.27	38.32 1.82 0.00	36.91 1.85 0.00	27.81 1.33 0.00	31.80 1.49 0.00	37.18 1.82 0.00	36.18 1.78 0.00	63.95 3.24 0.00	67.95 3.19 0.00	72.75 3.37 0.00	40.74 1.77 0.00	26.66 1.21 0.00	28.22 1.14 -0.60	25.65 0.92 0.00
HIGH FALLS___HY 23754	40.56 0.33 -35.81	19.51 0.29 -15.02	32.86 1.51 -8.19	41.51 1.67 -12.99	32.33 1.86 -2.31	43.05 1.84 -15.55	22.84 0.60 -14.28	16.93 1.22 0.00	29.90 2.34 0.00	32.85 2.75 0.00	37.85 3.06 -1.08	39.68 3.18 0.00	38.11 3.05 0.00	28.80 2.32 0.00	33.07 2.77 0.00	38.64 3.27 0.00	37.49 3.09 0.00	65.93 5.22 0.00	70.26 5.50 0.00	75.50 6.12 0.00	42.47 3.51 0.00	27.79 2.33 0.00	31.11 2.26 -2.36	26.57 1.83 0.00
HILLBURN___GT 23639	38.78 0.32 -34.05	18.76 0.28 -14.28	32.43 1.48 -7.79	40.84 1.64 -12.35	32.18 1.83 -2.20	42.23 1.78 -14.79	22.13 0.59 -13.57	16.88 1.17 0.00	29.74 2.18 0.00	32.68 2.57 0.00	37.58 2.83 -1.02	39.43 2.93 0.00	37.90 2.83 0.00	28.65 2.17 0.00	32.91 2.60 0.00	38.44 3.07 0.00	37.25 2.85 0.00	65.39 4.68 0.00	69.67 4.91 0.00	74.95 5.56 0.00	42.19 3.23 0.00	27.62 2.16 0.00	30.90 2.17 -2.24	26.48 1.75 0.00
HISHELDN_WT_PWR 323625	10.53 -0.18 -6.30	6.71 -0.14 -2.64	23.53 -1.06 -1.44	27.97 -1.17 -2.29	27.68 -0.89 -0.41	27.68 -0.72 -2.74	10.22 -0.26 -2.51	15.21 -0.50 0.00	26.83 -0.73 0.00	29.33 -0.77 0.00	32.96 -0.94 -0.19	35.69 -0.81 0.00	34.48 -0.58 0.00	26.01 -0.47 0.00	29.60 -0.71 0.00	34.81 -0.56 0.00	34.04 -0.36 0.00	60.74 0.04 0.00	64.68 -0.07 0.00	68.97 -0.41 0.00	38.60 -0.36 0.00	25.11 -0.35 0.00	26.31 -0.59 -0.41	24.03 -0.71 0.00
HOLTSVILLE_IC_1 23690	63.15 0.54 -58.19	24.67 0.49 -19.98	40.48 2.63 -14.70	44.67 2.94 -14.88	33.63 3.17 -2.30	44.57 3.07 -15.83	26.01 0.97 -17.07	17.62 1.92 0.00	30.93 3.37 0.00	36.52 3.94 -2.48	60.58 4.24 -22.62	96.24 4.42 -55.32	58.66 4.27 -19.33	55.58 3.19 -25.91	72.48 3.80 -38.36	112.55 4.52 -72.66	139.80 4.35 -101.05	134.80 7.18 -66.92	93.75 7.56 -21.43	81.17 8.12 -3.67	48.98 4.87 -5.15	74.01 3.20 -45.36	89.67 3.33 -59.85	69.52 2.83 -41.96
HOLTSVILLE_IC_10 23699	63.18 0.57 -58.19	24.70 0.52 -19.98	40.63 2.78 -14.70	44.83 3.10 -14.88	33.80 3.35 -2.30	44.73 3.24 -15.83	26.06 1.03 -17.07	17.73 2.02 0.00	31.13 3.57 0.00	36.73 4.16 -2.48	60.83 4.49 -22.62	96.51 4.69 -55.32	58.91 4.52 -19.33	55.77 3.38 -25.91	72.71 4.03 -38.36	112.84 4.81 -72.66	140.12 4.67 -101.05	135.42 7.80 -66.92	94.39 8.20 -21.43	81.82 8.77 -3.67	49.33 5.22 -5.15	74.23 3.42 -45.36	89.88 3.54 -59.85	69.68 2.99 -41.96
HOLTSVILLE_IC_2 23691	63.15 0.54 -58.19	24.67 0.49 -19.98	40.48 2.63 -14.70	44.67 2.94 -14.88	33.63 3.17 -2.30	44.57 3.07 -15.83	26.01 0.97 -17.07	17.62 1.92 0.00	30.93 3.37 0.00	36.52 3.94 -2.48	60.58 4.24 -22.62	96.24 4.42 -55.32	58.66 4.27 -19.33	55.58 3.19 -25.91	72.48 3.80 -38.36	112.55 4.52 -72.66	139.80 4.35 -101.05	134.80 7.18 -66.92	93.75 7.56 -21.43	81.17 8.12 -3.67	48.98 4.87 -5.15	74.01 3.20 -45.36	89.67 3.33 -59.85	69.52 2.83 -41.96
HOLTSVILLE_IC_3 23692	63.15 0.54 -58.19	24.67 0.49 -19.98	40.48 2.63 -14.70	44.67 2.94 -14.88	33.63 3.17 -2.30	44.57 3.07 -15.83	26.01 0.97 -17.07	17.62 1.92 0.00	30.93 3.37 0.00	36.52 3.94 -2.48	60.58 4.24 -22.62	96.24 4.42 -55.32	58.66 4.27 -19.33	55.58 3.19 -25.91	72.48 3.80 -38.36	112.55 4.52 -72.66	139.80 4.35 -101.05	134.80 7.18 -66.92	93.75 7.56 -21.43	81.17 8.12 -3.67	48.98 4.87 -5.15	74.01 3.20 -45.36	89.67 3.33 -59.85	69.52 2.83 -41.96
HOLTSVILLE_IC_4 23693	63.15 0.54 -58.19	24.67 0.49 -19.98	40.48 2.63 -14.70	44.67 2.94 -14.88	33.63 3.17 -2.30	44.57 3.07 -15.83	26.01 0.97 -17.07	17.62 1.92 0.00	30.93 3.37 0.00	36.52 3.94 -2.48	60.58 4.24 -22.62	96.24 4.42 -55.32	58.66 4.27 -19.33	55.58 3.19 -25.91	72.48 3.80 -38.36	112.55 4.52 -72.66	139.80 4.35 -101.05	134.80 7.18 -66.92	93.75 7.56 -21.43	81.17 8.12 -3.67	48.98 4.87 -5.15	74.01 3.20 -45.36	89.67 3.33 -59.85	69.52 2.83 -41.96
HOLTSVILLE_IC_5 23694	63.15 0.54 -58.19	24.67 0.49 -19.98	40.48 2.63 -14.70	44.67 2.94 -14.88	33.63 3.17 -2.30	44.57 3.07 -15.83	26.01 0.97 -17.07	17.62 1.92 0.00	30.93 3.37 0.00	36.52 3.94 -2.48	60.58 4.24 -22.62	96.24 4.42 -55.32	58.66 4.27 -19.33	55.58 3.19 -25.91	72.48 3.80 -38.36	112.55 4.52 -72.66	139.80 4.35 -101.05	134.80 7.18 -66.92	93.75 7.56 -21.43	81.17 8.12 -3.67	48.98 4.87 -5.15	74.01 3.20 -45.36	89.67 3.33 -59.85	69.52 2.83 -41.96
HOLTSVILLE_IC_6 23695	63.18 0.57 -58.19	24.70 0.52 -19.98	40.63 2.78 -14.70	44.83 3.10 -14.88	33.80 3.35 -2.30	44.73 3.24 -15.83	26.06 1.03 -17.07	17.73 2.02 0.00	31.13 3.57 0.00	36.73 4.16 -2.48	60.83 4.49 -22.62	96.51 4.69 -55.32	58.91 4.52 -19.33	55.77 3.38 -25.91	72.71 4.03 -38.36	112.84 4.81 -72.66	140.12 4.67 -101.05	135.42 7.80 -66.92	94.39 8.20 -21.43	81.82 8.77 -3.67	49.33 5.22 -5.15	74.23 3.42 -45.36	89.88 3.54 -59.85	69.68 2.99 -41.96
HOLTSVILLE_IC_7 23696	63.18 0.57 -58.19	24.70 0.52 -19.98	40.63 2.78 -14.70	44.83 3.10 -14.88	33.80 3.35 -2.30	44.73 3.24 -15.83	26.06 1.03 -17.07	17.73 2.02 0.00	31.13 3.57 0.00	36.73 4.16 -2.48	60.83 4.49 -22.62	96.51 4.69 -55.32	58.91 4.52 -19.33	55.77 3.38 -25.91	72.71 4.03 -38.36	112.84 4.81 -72.66	140.12 4.67 -101.05	135.42 7.80 -66.92	94.39 8.20 -21.43	81.82 8.77 -3.67	49.33 5.22 -5.15	74.23 3.42 -45.36	89.88 3.54 -59.85	69.68 2.99 -41.96
HOLTSVILLE_IC_8 23697	63.18 0.57 -58.19	24.70 0.52 -19.98	40.63 2.78 -14.70	44.83 3.10 -14.88	33.80 3.35 -2.30	44.73 3.24 -15.83	26.06 1.03 -17.07	17.73 2.02 0.00	31.13 3.57 0.00	36.73 4.16 -2.48	60.83 4.49 -22.62	96.51 4.69 -55.32	58.91 4.52 -19.33	55.77 3.38 -25.91	72.71 4.03 -38.36	112.84 4.81 -72.66	140.12 4.67 -101.05	135.42 7.80 -66.92	94.39 8.20 -21.43	81.82 8.77 -3.67	49.33 5.22 -5.15	74.23 3.42 -45.36	89.88 3.54 -59.85	69.68 2.99 -41.96



HOLTSVILLE_IC_9 23698	63.18 0.57 -58.19	24.70 0.52 -19.98	40.63 2.78 -14.70	44.83 3.10 -14.88	33.80 3.35 -2.30	44.73 3.24 -15.83	26.06 1.03 -17.07	17.73 2.02 0.00	31.13 3.57 0.00	36.73 4.16 -2.48	60.83 4.49 -22.62	96.51 4.69 -55.32	58.91 4.52 -19.33	55.77 3.38 -25.91	72.71 4.03 -38.36	112.84 4.81 -72.66	140.12 4.67 -101.05	135.42 7.80 -66.92	94.39 8.20 -21.43	81.82 8.77 -3.67	49.33 5.22 -5.15	74.23 3.42 -45.36	89.88 3.54 -59.85	69.68 2.99 -41.96
HOWARD_WT_PWR 323690	11.93 0.08 -7.43	7.38 0.07 -3.12	25.13 0.27 -1.70	29.76 0.21 -2.70	28.99 0.35 -0.48	29.34 0.44 -3.23	10.99 0.06 -2.96	15.88 0.17 0.00	28.12 0.56 0.00	30.91 0.81 0.00	35.00 1.06 -0.22	38.02 1.52 0.00	36.67 1.61 0.00	27.63 1.15 0.00	31.47 1.16 0.00	36.91 1.54 0.00	36.04 1.64 0.00	64.13 3.43 0.00	68.23 3.47 0.00	72.92 3.54 0.00	40.81 1.84 0.00	26.62 1.16 0.00	27.97 1.00 -0.49	25.42 0.69 0.00
HQ_GEN_CEDARS 23644	4.30 -0.12 0.00	4.02 -0.18 0.00	22.59 -0.56 0.00	26.33 -0.53 0.00	27.43 -0.73 0.00	24.54 -1.12 0.00	7.71 -0.26 0.00	15.22 -0.49 0.00	26.59 -0.97 0.00	28.41 -1.69 0.00	31.82 -1.89 0.00	34.43 -2.07 0.00	33.01 -2.05 0.00	24.93 -1.55 0.00	28.50 -1.81 0.00	33.19 -2.18 0.00	32.31 -2.09 0.00	57.26 -3.44 0.00	61.23 -3.52 0.00	65.31 -4.07 0.00	36.70 -2.26 0.00	23.90 -1.55 0.00	24.94 -1.55 0.00	23.86 -0.87 0.00
HQ_GEN_CEDARS_PROXY 323590	4.30 -0.12 0.00	2.49 -0.18 1.54	22.59 -0.56 0.00	26.33 -0.53 0.00	27.43 -0.73 0.00	24.54 -1.12 0.00	7.71 -0.26 0.00	15.22 -0.49 0.00	26.59 -0.97 0.00	12.59 -1.69 15.82	14.84 -1.89 16.98	17.39 -2.07 17.04	16.37 -2.05 16.64	12.20 -1.55 12.73	14.23 -1.81 14.26	16.16 -2.18 17.04	14.79 -2.09 17.52	29.68 -3.44 27.58	26.74 -3.52 34.49	24.91 -4.07 40.41	18.07 -2.26 18.63	11.99 -1.55 11.92	24.94 -1.55 0.00	25.62 -0.87 -1.76
HQ_GEN_IMPORT 323601	4.30 -0.11 0.00	4.10 -0.10 0.00	22.64 -0.51 0.00	26.28 -0.57 0.00	27.49 -0.67 0.00	25.05 -0.61 0.00	7.78 -0.19 0.00	15.32 -0.38 0.00	26.86 -0.70 0.00	29.23 -0.87 0.00	32.74 -0.98 0.00	35.44 -1.06 0.00	34.00 -1.05 0.00	25.69 -0.80 0.00	29.38 -0.93 0.00	34.24 -1.12 0.00	33.31 -1.09 0.00	58.88 -1.82 0.00	62.93 -1.83 0.00	67.30 -2.08 0.00	37.81 -1.15 0.00	24.67 -0.79 0.00	25.71 -0.78 0.00	24.29 -0.63 -0.19
HQ_GEN_WHEEL 23651	4.30 -0.11 0.00	4.10 -0.10 0.00	22.64 -0.51 0.00	26.28 -0.57 0.00	27.49 -0.67 0.00	25.05 -0.61 0.00	7.78 -0.19 0.00	15.32 -0.38 0.00	26.86 -0.70 0.00	29.23 -0.87 0.00	32.74 -0.98 0.00	35.44 -1.06 0.00	34.00 -1.05 0.00	25.69 -0.80 0.00	29.38 -0.93 0.00	34.24 -1.12 0.00	33.31 -1.09 0.00	58.88 -1.82 0.00	62.93 -1.83 0.00	67.30 -2.08 0.00	37.81 -1.15 0.00	24.67 -0.79 0.00	25.71 -0.78 0.00	24.29 -0.63 -0.19
HUDSON_AVE_GT_3 23810	40.39 0.39 -35.59	19.47 0.34 -14.92	33.10 1.80 -8.14	41.71 1.95 -12.91	32.68 2.22 -2.30	43.26 2.14 -15.46	22.87 0.71 -14.19	17.15 1.45 0.00	30.21 2.65 0.00	33.20 3.10 0.00	38.24 3.45 -1.07	40.10 3.60 0.00	38.55 3.49 0.00	29.16 2.68 0.00	33.51 3.21 0.00	39.11 3.74 0.00	37.83 3.43 0.00	66.18 5.47 0.00	70.51 5.75 0.00	75.98 6.60 0.00	42.81 3.85 0.00	28.06 2.60 0.00	31.45 2.61 -2.35	26.86 2.13 0.00
HUDSON_AVE_GT_4 23540	40.39 0.39 -35.59	19.47 0.34 -14.92	33.10 1.80 -8.14	41.71 1.95 -12.91	32.68 2.22 -2.30	43.26 2.14 -15.46	22.87 0.71 -14.19	17.15 1.45 0.00	30.21 2.65 0.00	33.20 3.10 0.00	38.24 3.45 -1.07	40.10 3.60 0.00	38.55 3.49 0.00	29.16 2.68 0.00	33.51 3.21 0.00	39.11 3.74 0.00	37.83 3.43 0.00	66.18 5.47 0.00	70.51 5.75 0.00	75.98 6.60 0.00	42.81 3.85 0.00	28.06 2.60 0.00	31.45 2.61 -2.35	26.86 2.13 0.00
HUDSON_AVE_GT_5 23657	40.39 0.39 -35.59	19.47 0.34 -14.92	33.10 1.80 -8.14	41.71 1.95 -12.91	32.68 2.22 -2.30	43.26 2.14 -15.46	22.87 0.71 -14.19	17.15 1.45 0.00	30.21 2.65 0.00	33.20 3.10 0.00	38.24 3.45 -1.07	40.10 3.60 0.00	38.55 3.49 0.00	29.16 2.68 0.00	33.51 3.21 0.00	39.11 3.74 0.00	37.83 3.43 0.00	66.18 5.47 0.00	70.51 5.75 0.00	75.98 6.60 0.00	42.81 3.85 0.00	28.06 2.60 0.00	31.45 2.61 -2.35	26.86 2.13 0.00
HUDSON_AVE_10 24168	40.38 0.37 -35.59	19.45 0.32 -14.92	32.99 1.70 -8.14	41.59 1.82 -12.91	32.55 2.10 -2.30	43.14 2.02 -15.46	22.84 0.68 -14.19	17.09 1.38 0.00	30.09 2.53 0.00	33.06 2.96 0.00	38.06 3.27 -1.07	39.90 3.41 0.00	38.36 3.30 0.00	29.02 2.54 0.00	33.36 3.05 0.00	38.93 3.56 0.00	37.65 3.25 0.00	65.82 5.12 0.00	70.15 5.40 0.00	75.63 6.25 0.00	42.60 3.64 0.00	27.92 2.47 0.00	31.34 2.50 -2.35	26.74 2.00 0.00
HUNTER_MOUNT___DRP 323613	44.74 0.43 -39.90	21.32 0.39 -16.73	34.36 2.08 -9.13	43.69 2.37 -14.47	33.30 2.56 -2.57	45.48 2.49 -17.33	24.66 0.78 -15.91	17.24 1.54 0.00	30.32 2.76 0.00	33.36 3.25 0.00	38.68 3.76 -1.20	40.52 4.02 0.00	38.93 3.87 0.00	29.40 2.92 0.00	33.69 3.38 0.00	39.30 3.93 0.00	38.25 3.85 0.00	67.34 6.64 0.00	71.72 6.96 0.00	76.86 7.48 0.00	43.16 4.20 0.00	28.23 2.77 0.00	31.95 2.83 -2.63	27.08 2.35 0.00
HUNTINGTON_RES_REC 323705	63.10 0.50 -58.19	24.64 0.46 -19.98	40.29 2.44 -14.70	44.44 2.71 -14.88	33.38 2.92 -2.30	44.33 2.84 -15.83	25.94 0.91 -17.07	17.51 1.80 0.00	30.77 3.20 0.00	36.34 3.77 -2.48	60.41 4.07 -22.62	96.08 4.26 -55.32	58.50 4.11 -19.33	55.48 3.08 -25.91	72.36 3.68 -38.36	112.38 4.35 -72.66	139.60 4.16 -101.05	134.40 6.78 -66.92	93.38 7.19 -21.43	80.80 7.75 -3.67	48.77 4.66 -5.15	73.89 3.08 -45.36	89.56 3.21 -59.85	69.38 2.69 -41.96
HUNTLEY___63 23557	9.64 -0.29 -5.51	6.30 -0.22 -2.31	22.87 -1.54 -1.26	27.33 -1.52 -2.00	27.30 -1.21 -0.36	27.04 -1.01 -2.39	9.82 -0.34 -2.19	14.94 -0.76 0.00	26.30 -1.27 0.00	28.63 -1.47 0.00	32.07 -1.82 -0.17	34.71 -1.79 0.00	33.56 -1.50 0.00	25.30 -1.18 0.00	28.78 -1.53 0.00	33.85 -1.52 0.00	33.16 -1.24 0.00	59.51 -1.19 0.00	63.35 -1.41 0.00	67.30 -2.08 0.00	37.60 -1.36 0.00	24.38 -1.07 0.00	25.45 -1.40 -0.36	23.33 -1.41 0.00
HUNTLEY___64 23558	9.64 -0.29 -5.51	6.30 -0.22 -2.31	22.87 -1.54 -1.26	27.33 -1.52 -2.00	27.30 -1.21 -0.36	27.04 -1.01 -2.39	9.82 -0.34 -2.19	14.94 -0.76 0.00	26.30 -1.27 0.00	28.63 -1.47 0.00	32.07 -1.82 -0.17	34.71 -1.79 0.00	33.56 -1.50 0.00	25.30 -1.18 0.00	28.78 -1.53 0.00	33.85 -1.52 0.00	33.16 -1.24 0.00	59.51 -1.19 0.00	63.35 -1.41 0.00	67.30 -2.08 0.00	37.60 -1.36 0.00	24.38 -1.07 0.00	25.45 -1.40 -0.36	23.33 -1.41 0.00
HUNTLEY___65 23559	9.64 -0.29 -5.51	6.30 -0.22 -2.31	22.87 -1.54 -1.26	27.33 -1.52 -2.00	27.30 -1.21 -0.36	27.04 -1.01 -2.39	9.82 -0.34 -2.19	14.94 -0.76 0.00	26.30 -1.27 0.00	28.63 -1.47 0.00	32.07 -1.82 -0.17	34.71 -1.79 0.00	33.56 -1.50 0.00	25.30 -1.18 0.00	28.78 -1.53 0.00	33.85 -1.52 0.00	33.16 -1.24 0.00	59.51 -1.19 0.00	63.35 -1.41 0.00	67.30 -2.08 0.00	37.60 -1.36 0.00	24.38 -1.07 0.00	25.45 -1.40 -0.36	23.33 -1.41 0.00



HUNTLEY___66 23560	9.64 -0.29 -5.51	6.30 -0.22 -2.31	22.87 -1.54 -1.26	27.33 -1.52 -2.00	27.30 -1.21 -0.36	27.04 -1.01 -2.39	9.82 -0.34 -2.19	14.94 -0.76 0.00	26.30 -1.27 0.00	28.63 -1.47 0.00	32.07 -1.82 -0.17	34.71 -1.79 0.00	33.56 -1.50 0.00	25.30 -1.18 0.00	28.78 -1.53 0.00	33.85 -1.52 0.00	33.16 -1.24 0.00	59.51 -1.19 0.00	63.35 -1.41 0.00	67.30 -2.08 0.00	37.60 -1.36 0.00	24.38 -1.07 0.00	25.45 -1.40 -0.36	23.33 -1.41 0.00
HUNTLEY___67 23561	9.73 -0.27 -5.59	6.34 -0.21 -2.34	22.93 -1.50 -1.28	27.38 -1.50 -2.03	27.33 -1.19 -0.36	27.07 -1.02 -2.43	9.84 -0.35 -2.23	14.94 -0.76 0.00	26.27 -1.29 0.00	28.62 -1.48 0.00	32.07 -1.82 -0.17	34.71 -1.79 0.00	33.55 -1.51 0.00	25.29 -1.19 0.00	28.77 -1.53 0.00	33.81 -1.56 0.00	33.07 -1.33 0.00	59.26 -1.45 0.00	63.07 -1.68 0.00	67.08 -2.30 0.00	37.50 -1.46 0.00	24.34 -1.11 0.00	25.44 -1.42 -0.37	23.31 -1.42 0.00
HUNTLEY___68 23562	9.73 -0.27 -5.59	6.34 -0.21 -2.34	22.93 -1.50 -1.28	27.38 -1.50 -2.03	27.33 -1.19 -0.36	27.07 -1.02 -2.43	9.84 -0.35 -2.23	14.94 -0.76 0.00	26.27 -1.29 0.00	28.62 -1.48 0.00	32.07 -1.82 -0.17	34.71 -1.79 0.00	33.55 -1.51 0.00	25.29 -1.19 0.00	28.77 -1.53 0.00	33.81 -1.56 0.00	33.07 -1.33 0.00	59.26 -1.45 0.00	63.07 -1.68 0.00	67.08 -2.30 0.00	37.50 -1.46 0.00	24.34 -1.11 0.00	25.44 -1.42 -0.37	23.31 -1.42 0.00
HYLAND___LFGE 323620	10.65 0.11 -6.13	6.87 0.10 -2.57	24.86 0.31 -1.40	29.48 0.41 -2.22	29.24 0.69 -0.39	29.06 0.73 -2.66	10.62 0.21 -2.44	16.17 0.46 0.00	28.58 1.02 0.00	31.45 1.35 0.00	35.41 1.50 -0.18	38.20 1.70 0.00	36.84 1.78 0.00	27.78 1.29 0.00	31.64 1.32 0.00	37.10 1.73 0.00	36.36 1.96 0.00	64.97 4.27 0.00	69.12 4.37 0.00	73.68 4.29 0.00	41.16 2.20 0.00	26.72 1.27 0.00	27.87 0.98 -0.40	25.47 0.73 0.00
INDECK___CORINTH 23802	52.73 0.28 -48.03	24.58 0.24 -20.14	35.53 1.39 -10.99	45.90 1.63 -17.42	32.97 1.72 -3.10	48.23 1.71 -20.86	27.65 0.53 -19.15	16.72 1.02 0.00	29.51 1.95 0.00	32.40 2.29 -0.01	37.77 2.61 -1.44	39.37 2.87 0.00	37.79 2.73 0.00	28.58 2.09 0.00	32.73 2.42 0.00	38.25 2.88 0.00	37.23 2.83 0.00	65.60 4.89 0.00	69.78 5.02 0.00	74.79 5.40 0.00	41.92 2.96 0.00	27.33 1.87 0.00	31.52 1.87 -3.17	26.26 1.52 0.00
INDECK___ILION 23567	3.59 0.13 0.95	3.92 0.11 0.40	23.54 0.61 0.22	27.25 0.75 0.34	28.92 0.82 0.06	26.08 0.82 0.41	7.85 0.26 0.38	16.22 0.52 0.00	28.47 0.91 0.00	31.24 1.14 0.00	35.00 1.31 0.03	37.91 1.41 0.00	36.43 1.37 0.00	27.51 1.02 0.00	31.51 1.20 0.00	36.70 1.33 0.00	35.74 1.33 0.00	62.92 2.22 0.00	67.08 2.32 0.00	72.12 2.74 0.00	40.45 1.49 0.00	26.43 0.98 0.00	27.42 0.99 0.06	25.53 0.80 0.00
INDECK___OLEAN 23982	11.20 0.22 -6.56	7.16 0.21 -2.75	25.62 0.97 -1.50	30.52 1.29 -2.38	30.06 1.48 -0.42	29.82 1.31 -2.85	10.88 0.30 -2.61	16.36 0.65 0.00	28.96 1.39 0.00	31.88 1.78 0.00	35.79 1.88 -0.20	38.75 2.25 0.00	37.40 2.34 0.00	28.07 1.58 0.00	32.10 1.79 0.00	37.49 2.12 0.00	36.28 1.88 0.00	64.17 3.47 0.00	67.84 3.09 0.00	72.60 3.22 0.00	40.63 1.67 0.00	26.73 1.28 0.00	28.18 1.26 -0.43	25.74 1.01 0.00
INDECK___OSWEGO 23783	7.04 -0.08 -2.70	5.27 -0.07 -1.13	23.34 -0.43 -0.62	27.34 -0.49 -0.98	27.81 -0.52 -0.17	26.25 -0.58 -1.17	8.86 -0.19 -1.08	15.37 -0.34 0.00	26.95 -0.62 0.00	29.41 -0.70 0.00	33.03 -0.77 -0.08	35.69 -0.81 0.00	34.30 -0.76 0.00	25.90 -0.58 0.00	29.64 -0.67 0.00	34.63 -0.74 0.00	33.75 -0.65 0.00	59.65 -1.06 0.00	63.55 -1.21 0.00	68.08 -1.31 0.00	38.16 -0.81 0.00	24.90 -0.55 0.00	26.06 -0.61 -0.18	24.24 -0.49 0.00
INDECK___YERKES 23781	9.64 -0.28 -5.51	6.30 -0.21 -2.31	22.90 -1.52 -1.26	27.36 -1.49 -2.00	27.33 -1.19 -0.36	27.07 -0.99 -2.39	9.82 -0.34 -2.19	14.96 -0.74 0.00	26.32 -1.24 0.00	28.66 -1.44 0.00	32.10 -1.78 -0.17	34.75 -1.75 0.00	33.59 -1.47 0.00	25.32 -1.16 0.00	28.81 -1.50 0.00	33.88 -1.49 0.00	33.19 -1.21 0.00	59.57 -1.13 0.00	63.42 -1.34 0.00	67.39 -2.00 0.00	37.64 -1.32 0.00	24.41 -1.05 0.00	25.48 -1.37 -0.36	23.35 -1.38 0.00
INDIAN POINT_GT_1 24139	40.03 0.32 -35.29	19.28 0.28 -14.80	32.71 1.49 -8.07	41.28 1.63 -12.80	32.26 1.83 -2.28	42.77 1.78 -15.33	22.63 0.59 -14.07	16.89 1.18 0.00	29.75 2.18 0.00	32.68 2.57 0.00	37.63 2.85 -1.06	39.46 2.96 0.00	37.93 2.87 0.00	28.69 2.20 0.00	32.95 2.64 0.00	38.47 3.10 0.00	37.28 2.88 0.00	65.36 4.66 0.00	69.65 4.89 0.00	74.93 5.55 0.00	42.20 3.24 0.00	27.64 2.18 0.00	31.00 2.19 -2.33	26.49 1.76 0.00
INDIAN POINT_GT_2 23659	40.03 0.32 -35.29	19.28 0.28 -14.80	32.71 1.49 -8.07	41.28 1.63 -12.80	32.26 1.83 -2.28	42.77 1.78 -15.33	22.63 0.59 -14.07	16.89 1.18 0.00	29.75 2.18 0.00	32.68 2.57 0.00	37.63 2.85 -1.06	39.46 2.96 0.00	37.93 2.87 0.00	28.69 2.20 0.00	32.95 2.64 0.00	38.47 3.10 0.00	37.28 2.88 0.00	65.36 4.66 0.00	69.65 4.89 0.00	74.93 5.55 0.00	42.20 3.24 0.00	27.64 2.18 0.00	31.00 2.19 -2.33	26.49 1.76 0.00
INDIAN POINT_GT_3 24019	40.03 0.32 -35.29	19.28 0.28 -14.80	32.71 1.49 -8.07	41.28 1.63 -12.80	32.26 1.83 -2.28	42.77 1.78 -15.33	22.63 0.59 -14.07	16.89 1.18 0.00	29.75 2.18 0.00	32.68 2.57 0.00	37.63 2.85 -1.06	39.46 2.96 0.00	37.93 2.87 0.00	28.69 2.20 0.00	32.95 2.64 0.00	38.47 3.10 0.00	37.28 2.88 0.00	65.36 4.66 0.00	69.65 4.89 0.00	74.93 5.55 0.00	42.20 3.24 0.00	27.64 2.18 0.00	31.00 2.19 -2.33	26.49 1.76 0.00
INDIAN POINT___2 23530	39.57 0.31 -34.84	19.08 0.27 -14.61	32.54 1.42 -7.97	41.04 1.55 -12.64	32.15 1.74 -2.25	42.50 1.71 -15.13	22.43 0.57 -13.89	16.84 1.13 0.00	29.66 2.09 0.00	32.58 2.48 0.00	37.51 2.74 -1.05	39.34 2.84 0.00	37.81 2.75 0.00	28.58 2.10 0.00	32.84 2.53 0.00	38.34 2.98 0.00	37.16 2.75 0.00	65.15 4.44 0.00	69.42 4.67 0.00	74.69 5.30 0.00	42.06 3.10 0.00	27.54 2.09 0.00	30.88 2.09 -2.30	26.41 1.68 0.00
INDIAN POINT___3 23531	40.04 0.31 -35.31	19.28 0.27 -14.81	32.65 1.41 -8.08	41.21 1.55 -12.81	32.17 1.73 -2.28	42.71 1.70 -15.34	22.61 0.56 -14.08	16.83 1.13 0.00	29.65 2.09 0.00	32.58 2.48 0.00	37.52 2.74 -1.06	39.34 2.84 0.00	37.81 2.75 0.00	28.58 2.10 0.00	32.84 2.53 0.00	38.34 2.97 0.00	37.16 2.75 0.00	65.15 4.44 0.00	69.42 4.67 0.00	74.68 5.30 0.00	42.05 3.09 0.00	27.54 2.09 0.00	30.91 2.09 -2.33	26.41 1.68 0.00
IP CORINTH___1 23988	52.75 0.30 -48.03	24.61 0.27 -20.14	35.66 1.52 -10.99	46.06 1.78 -17.42	33.14 1.88 -3.10	48.38 1.85 -20.86	27.69 0.57 -19.15	16.81 1.11 0.00	29.67 2.11 0.00	32.58 2.47 -0.01	37.98 2.81 -1.44	39.60 3.10 0.00	38.00 2.94 0.00	28.74 2.26 0.00	32.91 2.60 0.00	38.45 3.08 0.00	37.44 3.03 0.00	65.96 5.26 0.00	70.16 5.40 0.00	75.20 5.82 0.00	42.15 3.19 0.00	27.48 2.03 0.00	31.68 2.03 -3.17	26.39 1.66 0.00



IP__TICONDEROGA 23804	50.99 0.58 -46.00	24.03 0.54 -19.29	36.65 2.98 -10.52	47.11 3.57 -16.69	35.00 3.87 -2.97	49.16 3.52 -19.98	27.40 1.09 -18.34	17.87 2.17 0.00	31.65 4.09 0.00	34.79 4.69 -0.01	40.25 5.15 -1.38	42.22 5.72 0.00	40.51 5.45 0.00	30.65 4.17 0.00	35.04 4.73 0.00	40.95 5.58 0.00	39.74 5.33 0.00	69.89 9.18 0.00	74.40 9.65 0.00	80.05 10.67 0.00	44.96 6.00 0.00	29.31 3.86 0.00	33.40 3.88 -3.03	27.99 3.26 0.00
ISLIP_RES_REC 323679	63.20 0.59 -58.19	24.72 0.53 -19.98	40.71 2.86 -14.70	44.93 3.20 -14.88	33.91 3.45 -2.30	44.83 3.33 -15.83	26.09 1.05 -17.07	17.79 2.08 0.00	31.24 3.68 0.00	36.86 4.28 -2.48	60.96 4.62 -22.62	96.66 4.83 -55.32	59.06 4.67 -19.33	55.89 3.49 -25.91	72.84 4.17 -38.36	113.02 4.98 -72.66	140.31 4.86 -101.05	135.79 8.17 -66.92	94.78 8.59 -21.43	82.23 9.18 -3.67	49.55 5.44 -5.15	74.36 3.55 -45.36	90.00 3.66 -59.85	69.80 3.11 -41.96
JARVIS____ 23743	3.50 0.03 0.95	3.84 0.03 0.40	23.10 0.16 0.22	26.67 0.16 0.34	28.30 0.20 0.06	25.43 0.18 0.41	7.65 0.06 0.38	15.83 0.12 0.00	27.78 0.22 0.00	30.37 0.27 0.00	33.99 0.30 0.03	36.85 0.35 0.00	35.41 0.35 0.00	26.75 0.27 0.00	30.61 0.30 0.00	35.72 0.36 0.00	34.74 0.34 0.00	61.28 0.58 0.00	65.35 0.60 0.00	70.08 0.70 0.00	39.35 0.39 0.00	25.71 0.26 0.00	26.69 0.27 0.06	24.96 0.22 0.00
JENNISON____1 23625	17.16 0.29 -12.45	9.70 0.28 -5.22	27.47 1.47 -2.85	33.10 1.73 -4.51	30.80 1.84 -0.80	32.79 1.72 -5.41	13.46 0.53 -4.96	16.80 1.09 0.00	29.65 2.09 0.00	32.50 2.40 0.00	36.72 2.63 -0.37	39.38 2.88 0.00	37.87 2.81 0.00	28.56 2.08 0.00	32.68 2.37 0.00	38.18 2.81 0.00	37.23 2.83 0.00	65.78 5.07 0.00	69.99 5.24 0.00	74.91 5.53 0.00	41.95 2.99 0.00	27.37 1.91 0.00	29.16 1.86 -0.82	26.33 1.59 0.00
JENNISON____2 23626	17.16 0.29 -12.45	9.70 0.28 -5.22	27.47 1.47 -2.85	33.10 1.73 -4.51	30.80 1.84 -0.80	32.79 1.72 -5.41	13.46 0.53 -4.96	16.80 1.09 0.00	29.65 2.09 0.00	32.50 2.40 0.00	36.72 2.63 -0.37	39.38 2.88 0.00	37.87 2.81 0.00	28.56 2.08 0.00	32.68 2.37 0.00	38.18 2.81 0.00	37.23 2.83 0.00	65.78 5.07 0.00	69.99 5.24 0.00	74.91 5.53 0.00	41.95 2.99 0.00	27.37 1.91 0.00	29.16 1.86 -0.82	26.33 1.59 0.00
JERICHO_RISE_WT_PWR 323719	4.27 -0.14 0.00	4.10 -0.11 0.00	22.80 -0.36 0.00	26.56 -0.29 0.00	27.66 -0.50 0.00	25.12 -0.54 0.00	7.79 -0.17 0.00	15.37 -0.33 0.00	27.04 -0.52 0.00	29.27 -0.83 0.00	32.82 -0.90 0.00	35.55 -0.95 0.00	34.05 -1.01 0.00	25.68 -0.81 0.00	29.33 -0.98 0.00	34.17 -1.20 0.00	33.17 -1.23 0.00	58.73 -1.97 0.00	62.67 -2.09 0.00	66.95 -2.43 0.00	37.82 -1.14 0.00	24.67 -0.78 0.00	25.79 -0.70 0.00	24.26 -0.47 0.00
KEDC_PORT_JEFF_GT2 24210	63.17 0.56 -58.19	24.69 0.51 -19.98	40.58 2.73 -14.70	44.77 3.05 -14.88	33.74 3.28 -2.30	44.68 3.19 -15.83	26.04 1.01 -17.07	17.70 1.99 0.00	31.07 3.51 0.00	36.69 4.11 -2.48	60.77 4.43 -22.62	96.46 4.64 -55.32	58.87 4.48 -19.33	55.74 3.35 -25.91	72.66 3.99 -38.36	112.79 4.76 -72.66	140.06 4.61 -101.05	135.31 7.68 -66.92	94.27 8.08 -21.43	81.71 8.66 -3.67	49.27 5.16 -5.15	74.18 3.37 -45.36	89.84 3.49 -59.85	69.65 2.96 -41.96
KEDC_PORT_JEFF_GT3 24211	63.17 0.56 -58.19	24.69 0.51 -19.98	40.58 2.73 -14.70	44.77 3.05 -14.88	33.74 3.28 -2.30	44.68 3.19 -15.83	26.04 1.01 -17.07	17.70 1.99 0.00	31.07 3.51 0.00	36.69 4.11 -2.48	60.77 4.43 -22.62	96.46 4.64 -55.32	58.87 4.48 -19.33	55.74 3.35 -25.91	72.66 3.99 -38.36	112.79 4.76 -72.66	140.06 4.61 -101.05	135.31 7.68 -66.92	94.27 8.08 -21.43	81.71 8.66 -3.67	49.27 5.16 -5.15	74.18 3.37 -45.36	89.84 3.49 -59.85	69.65 2.96 -41.96
KEDC_GLWD_GT4 24219	63.04 0.43 -58.19	24.57 0.39 -19.98	39.93 2.08 -14.70	44.02 2.29 -14.88	32.98 2.52 -2.30	43.94 2.44 -15.83	25.83 0.79 -17.07	17.29 1.59 0.00	30.43 2.87 0.00	35.95 3.37 -2.48	60.08 3.74 -22.62	95.72 3.90 -55.32	58.18 3.79 -19.33	55.27 2.87 -25.91	72.09 3.41 -38.36	112.01 3.98 -72.66	139.17 3.72 -101.05	133.66 6.03 -66.92	92.46 6.27 -21.43	80.00 6.95 -3.67	48.22 4.11 -5.15	73.62 2.81 -45.36	89.19 2.85 -59.85	69.05 2.36 -41.96
KEDC_GLWD_GT5 24220	63.04 0.43 -58.19	24.57 0.39 -19.98	39.93 2.08 -14.70	44.02 2.29 -14.88	32.98 2.52 -2.30	43.94 2.44 -15.83	25.83 0.79 -17.07	17.29 1.59 0.00	30.43 2.87 0.00	35.95 3.37 -2.48	60.08 3.74 -22.62	95.72 3.90 -55.32	58.18 3.79 -19.33	55.27 2.87 -25.91	72.09 3.41 -38.36	112.01 3.98 -72.66	139.17 3.72 -101.05	133.66 6.03 -66.92	92.46 6.27 -21.43	80.00 6.95 -3.67	48.22 4.11 -5.15	73.62 2.81 -45.36	89.19 2.85 -59.85	69.05 2.36 -41.96
KENSICO____ 23655	40.31 0.35 -35.54	19.42 0.31 -14.90	32.91 1.63 -8.13	41.53 1.78 -12.89	32.45 2.00 -2.29	43.04 1.94 -15.44	22.78 0.64 -14.17	16.98 1.28 0.00	29.91 2.35 0.00	32.88 2.77 0.00	37.87 3.08 -1.07	39.71 3.21 0.00	38.17 3.11 0.00	28.87 2.38 0.00	33.16 2.85 0.00	38.71 3.34 0.00	37.51 3.11 0.00	65.73 5.02 0.00	70.04 5.29 0.00	75.38 5.99 0.00	42.45 3.49 0.00	27.81 2.35 0.00	31.19 2.36 -2.34	26.65 1.92 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.76 0.34 -34.01	18.76 0.30 -14.26	32.46 1.52 -7.78	40.87 1.68 -12.34	32.22 1.87 -2.20	42.28 1.84 -14.78	22.13 0.60 -13.56	16.93 1.22 0.00	29.89 2.32 0.00	32.83 2.72 0.00	37.79 3.05 -1.02	39.68 3.18 0.00	38.11 3.05 0.00	28.80 2.32 0.00	33.06 2.76 0.00	38.63 3.26 0.00	37.48 3.08 0.00	65.93 5.22 0.00	70.27 5.51 0.00	75.50 6.12 0.00	42.46 3.50 0.00	27.78 2.32 0.00	30.99 2.27 -2.24	26.57 1.84 0.00
KIAC_JFK_GT1 23816	40.39 0.38 -35.59	19.46 0.33 -14.92	33.03 1.74 -8.14	41.62 1.86 -12.91	32.62 2.16 -2.30	43.16 2.04 -15.46	22.85 0.69 -14.19	17.12 1.42 0.00	30.16 2.60 0.00	33.11 3.00 0.00	38.09 3.30 -1.07	39.96 3.47 0.00	38.40 3.34 0.00	29.05 2.57 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.72 3.31 0.00	65.91 5.20 0.00	70.24 5.49 0.00	75.78 6.40 0.00	42.69 3.73 0.00	27.96 2.50 0.00	31.39 2.55 -2.35	26.75 2.01 0.00
KIAC_JFK_GT2 23817	40.39 0.38 -35.59	19.46 0.33 -14.92	33.03 1.74 -8.14	41.62 1.86 -12.91	32.62 2.16 -2.30	43.16 2.04 -15.46	22.85 0.69 -14.19	17.12 1.42 0.00	30.16 2.60 0.00	33.11 3.00 0.00	38.09 3.30 -1.07	39.96 3.47 0.00	38.40 3.34 0.00	29.05 2.57 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.72 3.31 0.00	65.91 5.20 0.00	70.24 5.49 0.00	75.78 6.40 0.00	42.69 3.73 0.00	27.96 2.50 0.00	31.39 2.55 -2.35	26.75 2.01 0.00
KINTIGH____ 23543	8.88 -0.27 -4.74	5.97 -0.22 -1.99	22.74 -1.50 -1.09	27.05 -1.52 -1.72	27.19 -1.28 -0.31	26.59 -1.13 -2.06	9.48 -0.37 -1.89	14.91 -0.80 0.00	26.18 -1.39 0.00	28.50 -1.60 0.00	31.92 -1.94 -0.14	34.56 -1.94 0.00	33.35 -1.71 0.00	25.15 -1.33 0.00	28.65 -1.66 0.00	33.61 -1.76 0.00	32.87 -1.53 0.00	58.76 -1.94 0.00	62.57 -2.19 0.00	66.61 -2.77 0.00	37.26 -1.70 0.00	24.19 -1.26 0.00	25.27 -1.54 -0.31	23.25 -1.48 0.00



LEDERLE____ 23769	39.12 0.33 -34.38	18.91 0.29 -14.41	32.54 1.53 -7.86	41.01 1.69 -12.47	32.25 1.87 -2.22	42.43 1.83 -14.93	22.28 0.60 -13.71	16.91 1.20 0.00	29.79 2.23 0.00	32.73 2.63 0.00	37.65 2.90 -1.03	39.51 3.01 0.00	37.98 2.92 0.00	28.71 2.23 0.00	32.98 2.67 0.00	38.52 3.15 0.00	37.33 2.93 0.00	65.51 4.81 0.00	69.81 5.05 0.00	75.10 5.72 0.00	42.28 3.32 0.00	27.68 2.23 0.00	30.98 2.23 -2.27	26.53 1.80 0.00
LINDEN COGEN____ 23786	40.37 0.36 -35.59	19.44 0.32 -14.92	32.96 1.66 -8.14	41.54 1.78 -12.91	32.49 2.04 -2.30	43.10 1.98 -15.46	22.82 0.66 -14.19	17.07 1.36 0.00	30.05 2.48 0.00	33.01 2.91 0.00	38.01 3.22 -1.07	39.85 3.35 0.00	38.30 3.24 0.00	28.98 2.49 0.00	33.30 2.99 0.00	38.87 3.50 0.00	37.57 3.17 0.00	65.68 4.98 0.00	69.99 5.24 0.00	75.42 6.04 0.00	42.52 3.56 0.00	27.88 2.42 0.00	31.27 2.44 -2.35	26.70 1.97 0.00
LIPA_MISC_IPP 23656	63.16 0.55 -58.19	24.69 0.50 -19.98	40.54 2.69 -14.70	44.73 3.00 -14.88	33.70 3.25 -2.30	44.63 3.14 -15.83	26.02 0.99 -17.07	17.66 1.96 0.00	31.01 3.45 0.00	36.60 4.02 -2.48	60.67 4.33 -22.62	96.33 4.51 -55.32	58.72 4.33 -19.33	55.63 3.24 -25.91	72.54 3.87 -38.36	112.67 4.63 -72.66	139.95 4.50 -101.05	135.14 7.52 -66.92	94.09 7.90 -21.43	81.49 8.44 -3.67	49.14 5.02 -5.15	74.10 3.29 -45.36	89.75 3.41 -59.85	69.59 2.89 -41.96
LISF____SOLAR 323691	63.17 0.56 -58.19	24.69 0.51 -19.98	40.58 2.73 -14.70	44.78 3.05 -14.88	33.76 3.30 -2.30	44.69 3.19 -15.83	26.04 1.01 -17.07	17.69 1.98 0.00	31.05 3.49 0.00	36.65 4.07 -2.48	60.70 4.36 -22.62	96.38 4.56 -55.32	58.76 4.37 -19.33	55.66 3.27 -25.91	72.59 3.92 -38.36	112.74 4.70 -72.66	140.04 4.59 -101.05	135.30 7.68 -66.92	94.25 8.06 -21.43	81.66 8.60 -3.67	49.23 5.11 -5.15	74.15 3.34 -45.36	89.79 3.45 -59.85	69.63 2.93 -41.96
LITTLE FALLS____HYD 24013	3.72 0.25 0.95	4.03 0.22 0.40	24.13 1.19 0.22	28.01 1.50 0.34	29.76 1.66 0.06	26.94 1.69 0.41	8.14 0.54 0.38	16.78 1.08 0.00	29.42 1.85 0.00	32.41 2.32 0.00	36.35 2.66 0.03	39.37 2.87 0.00	37.81 2.75 0.00	28.55 2.07 0.00	32.73 2.43 0.00	38.01 2.64 0.00	37.01 2.61 0.00	65.01 4.31 0.00	69.27 4.51 0.00	74.79 5.41 0.00	41.92 2.96 0.00	27.40 1.94 0.00	28.43 2.01 0.06	26.33 1.59 0.00
LI_NEWBRDGE____DRP 323616	63.07 0.46 -58.19	24.60 0.42 -19.98	40.10 2.24 -14.70	44.21 2.49 -14.88	33.17 2.71 -2.30	44.12 2.63 -15.83	25.88 0.85 -17.07	17.39 1.68 0.00	30.59 3.03 0.00	36.11 3.54 -2.48	60.19 3.85 -22.62	95.82 4.01 -55.32	58.28 3.89 -19.33	55.31 2.92 -25.91	72.15 3.47 -38.36	112.07 4.04 -72.66	139.24 3.79 -101.05	133.81 6.19 -66.92	92.76 6.57 -21.43	80.23 7.18 -3.67	48.42 4.30 -5.15	73.68 2.87 -45.36	89.32 2.98 -59.85	69.19 2.50 -41.96
LONG_LAKE_PHOENIX 24014	7.17 -0.04 -2.80	5.34 -0.04 -1.17	23.51 -0.28 -0.64	27.55 -0.31 -1.02	28.01 -0.33 -0.18	26.48 -0.40 -1.22	8.96 -0.12 -1.12	15.47 -0.23 0.00	27.16 -0.41 0.00	29.66 -0.44 0.00	33.31 -0.49 -0.08	36.00 -0.50 0.00	34.61 -0.45 0.00	26.13 -0.35 0.00	29.89 -0.41 0.00	34.93 -0.44 0.00	34.06 -0.34 0.00	60.21 -0.49 0.00	64.13 -0.63 0.00	68.67 -0.71 0.00	38.48 -0.48 0.00	25.11 -0.35 0.00	26.26 -0.41 -0.18	24.42 -0.31 0.00
LOVETT____3 23632	39.24 0.31 -34.52	18.95 0.27 -14.47	32.49 1.44 -7.90	40.95 1.58 -12.52	32.16 1.78 -2.23	42.39 1.73 -14.99	22.31 0.57 -13.76	16.85 1.14 0.00	29.68 2.12 0.00	32.61 2.51 0.00	37.52 2.77 -1.04	39.36 2.86 0.00	37.84 2.78 0.00	28.60 2.12 0.00	32.86 2.55 0.00	38.37 3.00 0.00	37.18 2.78 0.00	65.21 4.51 0.00	69.49 4.73 0.00	74.75 5.37 0.00	42.09 3.13 0.00	27.56 2.11 0.00	30.88 2.11 -2.28	26.43 1.70 0.00
LOVETT____4 23642	39.24 0.31 -34.52	18.95 0.27 -14.47	32.49 1.44 -7.90	40.95 1.58 -12.52	32.16 1.78 -2.23	42.39 1.73 -14.99	22.31 0.57 -13.76	16.85 1.14 0.00	29.68 2.12 0.00	32.61 2.51 0.00	37.52 2.77 -1.04	39.36 2.86 0.00	37.84 2.78 0.00	28.60 2.12 0.00	32.86 2.55 0.00	38.37 3.00 0.00	37.18 2.78 0.00	65.21 4.51 0.00	69.49 4.73 0.00	74.75 5.37 0.00	42.09 3.13 0.00	27.56 2.11 0.00	30.88 2.11 -2.28	26.43 1.70 0.00
LOVETT____5 23593	39.24 0.31 -34.52	18.95 0.27 -14.47	32.49 1.44 -7.90	40.95 1.58 -12.52	32.16 1.78 -2.23	42.39 1.73 -14.99	22.31 0.57 -13.76	16.85 1.14 0.00	29.68 2.12 0.00	32.61 2.51 0.00	37.52 2.77 -1.04	39.36 2.86 0.00	37.84 2.78 0.00	28.60 2.12 0.00	32.86 2.55 0.00	38.37 3.00 0.00	37.18 2.78 0.00	65.21 4.51 0.00	69.49 4.73 0.00	74.75 5.37 0.00	42.09 3.13 0.00	27.56 2.11 0.00	30.88 2.11 -2.28	26.43 1.70 0.00
LOWER RAQUET____HYD 24057	4.30 -0.11 0.00	4.04 -0.16 0.00	22.65 -0.51 0.00	26.37 -0.48 0.00	27.48 -0.68 0.00	24.59 -1.07 0.00	7.65 -0.32 0.00	15.00 -0.70 0.00	26.26 -1.30 0.00	28.14 -1.96 0.00	31.55 -2.17 0.00	34.14 -2.36 0.00	32.74 -2.32 0.00	24.72 -1.76 0.00	28.25 -2.06 0.00	32.91 -2.46 0.00	32.08 -2.33 0.00	56.86 -3.85 0.00	60.76 -4.00 0.00	64.78 -4.60 0.00	36.38 -2.58 0.00	23.67 -1.79 0.00	24.66 -1.83 0.00	23.52 -1.22 0.00
LOWER____HUDSON 24059	52.16 0.32 -47.42	24.38 0.30 -19.88	35.63 1.63 -10.85	45.95 1.89 -17.20	33.27 2.05 -3.06	48.19 1.93 -20.60	27.47 0.60 -18.91	16.86 1.16 0.00	29.61 2.05 0.00	32.51 2.40 -0.01	37.90 2.76 -1.43	39.53 3.03 0.00	37.97 2.91 0.00	28.69 2.21 0.00	32.83 2.53 0.00	38.33 2.96 0.00	37.28 2.88 0.00	65.57 4.86 0.00	69.82 5.06 0.00	74.93 5.55 0.00	42.04 3.08 0.00	27.50 2.05 0.00	31.77 2.16 -3.13	26.53 1.80 0.00
LWR____OSWEGATCHIE_HYD 23850	4.36 -0.06 0.00	4.11 -0.09 0.00	22.85 -0.30 0.00	26.56 -0.29 0.00	27.75 -0.41 0.00	25.00 -0.66 0.00	7.77 -0.19 0.00	15.30 -0.41 0.00	26.82 -0.74 0.00	29.00 -1.09 0.00	32.53 -1.18 0.00	35.25 -1.25 0.00	33.86 -1.20 0.00	25.56 -0.92 0.00	29.24 -1.06 0.00	34.11 -1.26 0.00	33.28 -1.12 0.00	58.90 -1.80 0.00	62.80 -1.96 0.00	67.06 -2.32 0.00	37.60 -1.36 0.00	24.48 -0.97 0.00	25.44 -1.05 0.00	24.01 -0.72 0.00
LYONS_FALL_HYD 23570	4.49 0.08 0.00	4.27 0.06 0.00	23.52 0.37 0.00	27.28 0.43 0.00	28.59 0.43 0.00	26.00 0.34 0.00	8.08 0.11 0.00	15.95 0.24 0.00	28.04 0.47 0.00	30.60 0.50 0.00	34.33 0.61 0.00	37.21 0.71 0.00	35.76 0.70 0.00	26.99 0.50 0.00	30.90 0.60 0.00	36.08 0.72 0.00	35.20 0.80 0.00	62.21 1.50 0.00	66.23 1.48 0.00	70.84 1.46 0.00	39.68 0.72 0.00	25.87 0.41 0.00	26.83 0.33 0.00	25.06 0.32 0.00
MADISON____COUNTY_LFGE 323628	6.11 0.13 -1.56	4.98 0.12 -0.65	24.12 0.60 -0.36	28.14 0.72 -0.57	29.04 0.78 -0.10	27.03 0.69 -0.68	8.81 0.22 -0.62	16.16 0.45 0.00	28.42 0.85 0.00	31.10 1.00 0.00	34.93 1.16 -0.05	37.81 1.31 0.00	36.35 1.29 0.00	27.42 0.94 0.00	31.43 1.12 0.00	36.73 1.36 0.00	35.81 1.41 0.00	63.25 2.54 0.00	67.32 2.56 0.00	72.04 2.66 0.00	40.35 1.39 0.00	26.31 0.86 0.00	27.40 0.81 -0.10	25.46 0.72 0.00



MAPLE RIDGE_WT_1 323574	2.24 -0.08 2.09	3.24 -0.09 0.88	22.30 -0.37 0.48	25.53 -0.57 0.76	27.49 -0.54 0.13	24.31 -0.45 0.91	7.05 -0.09 0.83	15.55 -0.16 0.00	27.30 -0.26 0.00	29.77 -0.33 0.00	33.26 -0.40 0.06	36.10 -0.39 0.00	34.65 -0.41 0.00	26.19 -0.30 0.00	29.93 -0.38 0.00	34.92 -0.45 0.00	33.94 -0.46 0.00	60.05 -0.65 0.00	64.23 -0.52 0.00	68.90 -0.48 0.00	38.69 -0.27 0.00	25.27 -0.18 0.00	26.17 -0.18 0.14	24.59 -0.15 0.00
MAPLE RIDGE_WT_2 323611	2.24 -0.08 2.09	3.24 -0.09 0.88	22.30 -0.37 0.48	25.53 -0.57 0.76	27.49 -0.54 0.13	24.31 -0.45 0.91	7.05 -0.09 0.83	15.55 -0.16 0.00	27.30 -0.26 0.00	29.77 -0.33 0.00	33.26 -0.40 0.06	36.10 -0.39 0.00	34.65 -0.41 0.00	26.19 -0.30 0.00	29.93 -0.38 0.00	34.92 -0.45 0.00	33.94 -0.46 0.00	60.05 -0.65 0.00	64.23 -0.52 0.00	68.90 -0.48 0.00	38.69 -0.27 0.00	25.27 -0.18 0.00	26.17 -0.18 0.14	24.59 -0.15 0.00
MARBLE RIVER_WT_PWR 323696	4.29 -0.13 0.00	4.10 -0.10 0.00	22.89 -0.27 0.00	26.65 -0.20 0.00	27.78 -0.38 0.00	25.23 -0.43 0.00	7.82 -0.15 0.00	15.41 -0.29 0.00	27.17 -0.39 0.00	29.42 -0.68 0.00	32.97 -0.75 0.00	35.72 -0.78 0.00	34.22 -0.84 0.00	25.79 -0.69 0.00	29.45 -0.86 0.00	34.32 -1.05 0.00	33.30 -1.11 0.00	58.91 -1.80 0.00	62.86 -1.90 0.00	67.21 -2.17 0.00	37.98 -0.98 0.00	24.77 -0.68 0.00	25.90 -0.59 0.00	24.36 -0.37 0.00
MARSH HILL_WT_PWR 323713	11.82 0.08 -7.32	7.34 0.07 -3.07	25.08 0.25 -1.67	29.69 0.19 -2.66	28.98 0.35 -0.47	29.28 0.44 -3.18	10.95 0.07 -2.92	15.89 0.18 0.00	28.14 0.57 0.00	30.91 0.81 0.00	34.97 1.04 -0.22	37.95 1.45 0.00	36.61 1.55 0.00	27.59 1.11 0.00	31.43 1.12 0.00	36.86 1.49 0.00	35.99 1.59 0.00	64.01 3.31 0.00	68.12 3.36 0.00	72.81 3.43 0.00	40.75 1.79 0.00	26.58 1.13 0.00	27.93 0.96 -0.48	25.39 0.66 0.00
MG INDUSTRY___DRP 24185	49.02 0.28 -44.32	23.04 0.26 -18.58	34.71 1.42 -10.14	44.56 1.64 -16.07	32.80 1.78 -2.86	46.63 1.71 -19.25	26.16 0.52 -17.67	16.67 0.96 0.00	29.12 1.56 0.00	31.97 1.86 -0.01	37.28 2.23 -1.33	38.91 2.41 0.00	37.39 2.33 0.00	28.23 1.75 0.00	32.30 1.99 0.00	37.63 2.26 0.00	36.57 2.17 0.00	64.24 3.54 0.00	68.48 3.72 0.00	73.50 4.12 0.00	41.30 2.34 0.00	27.10 1.65 0.00	31.27 1.86 -2.92	26.29 1.56 0.00
MID___OSWEGATCHIE_HYD 23849	4.36 -0.06 0.00	4.11 -0.09 0.00	22.85 -0.30 0.00	26.56 -0.29 0.00	27.75 -0.41 0.00	25.00 -0.66 0.00	7.77 -0.19 0.00	15.30 -0.41 0.00	26.82 -0.74 0.00	29.00 -1.09 0.00	32.53 -1.18 0.00	35.25 -1.25 0.00	33.86 -1.20 0.00	25.56 -0.92 0.00	29.24 -1.06 0.00	34.11 -1.26 0.00	33.28 -1.12 0.00	58.90 -1.80 0.00	62.80 -1.96 0.00	67.06 -2.32 0.00	37.60 -1.36 0.00	24.48 -0.97 0.00	25.44 -1.05 0.00	24.01 -0.72 0.00
MID___RAQUETTE_HYD 23851	4.30 -0.11 0.00	4.04 -0.16 0.00	22.65 -0.51 0.00	26.37 -0.48 0.00	27.48 -0.68 0.00	24.59 -1.07 0.00	7.65 -0.32 0.00	15.00 -0.70 0.00	26.26 -1.30 0.00	28.14 -1.96 0.00	31.55 -2.17 0.00	34.14 -2.36 0.00	32.74 -2.32 0.00	24.72 -1.76 0.00	28.25 -2.06 0.00	32.91 -2.46 0.00	32.08 -2.33 0.00	56.86 -3.85 0.00	60.76 -4.00 0.00	64.78 -4.60 0.00	36.38 -2.58 0.00	23.67 -1.79 0.00	24.66 -1.83 0.00	23.52 -1.22 0.00
MILLIKEN___1 23584	11.68 0.13 -7.13	7.31 0.12 -2.99	25.37 0.58 -1.63	30.15 0.71 -2.59	29.39 0.76 -0.46	29.45 0.68 -3.10	11.02 0.21 -2.84	16.15 0.44 0.00	28.44 0.87 0.00	31.14 1.04 0.00	35.09 1.16 -0.21	37.81 1.31 0.00	36.35 1.29 0.00	27.43 0.95 0.00	31.39 1.08 0.00	36.69 1.32 0.00	35.78 1.38 0.00	63.31 2.60 0.00	67.39 2.64 0.00	72.07 2.69 0.00	40.37 1.41 0.00	26.33 0.88 0.00	27.77 0.81 -0.47	25.44 0.71 0.00
MILLIKEN___2 23585	11.68 0.13 -7.13	7.31 0.12 -2.99	25.37 0.58 -1.63	30.15 0.71 -2.59	29.39 0.76 -0.46	29.45 0.68 -3.10	11.02 0.21 -2.84	16.15 0.44 0.00	28.44 0.87 0.00	31.14 1.04 0.00	35.09 1.16 -0.21	37.81 1.31 0.00	36.35 1.29 0.00	27.43 0.95 0.00	31.39 1.08 0.00	36.69 1.32 0.00	35.78 1.38 0.00	63.31 2.60 0.00	67.39 2.64 0.00	72.07 2.69 0.00	40.37 1.41 0.00	26.33 0.88 0.00	27.77 0.81 -0.47	25.44 0.71 0.00
MILLIKEN___DIESEL 23629	11.68 0.13 -7.13	7.31 0.12 -2.99	25.37 0.58 -1.63	30.15 0.71 -2.59	29.39 0.76 -0.46	29.45 0.68 -3.10	11.02 0.21 -2.84	16.15 0.44 0.00	28.44 0.87 0.00	31.14 1.04 0.00	35.09 1.16 -0.21	37.81 1.31 0.00	36.35 1.29 0.00	27.43 0.95 0.00	31.39 1.08 0.00	36.69 1.32 0.00	35.78 1.38 0.00	63.31 2.60 0.00	67.39 2.64 0.00	72.07 2.69 0.00	40.37 1.41 0.00	26.33 0.88 0.00	27.77 0.81 -0.47	25.44 0.71 0.00
MILLSEAT___LFGE 323607	9.26 -0.23 -5.08	6.16 -0.17 -2.13	23.03 -1.29 -1.16	27.46 -1.24 -1.84	27.56 -0.93 -0.33	27.11 -0.76 -2.21	9.73 -0.27 -2.02	15.10 -0.60 0.00	26.59 -0.98 0.00	28.96 -1.14 0.00	32.45 -1.43 -0.15	35.13 -1.37 0.00	33.95 -1.11 0.00	25.61 -0.88 0.00	29.14 -1.17 0.00	34.26 -1.11 0.00	33.59 -0.81 0.00	60.27 -0.43 0.00	64.14 -0.62 0.00	68.13 -1.25 0.00	38.05 -0.91 0.00	24.64 -0.82 0.00	25.65 -1.17 -0.33	23.54 -1.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.19 0.33 -35.44	19.36 0.30 -14.86	32.81 1.55 -8.10	41.41 1.70 -12.85	32.35 1.91 -2.29	42.91 1.86 -15.39	22.71 0.61 -14.13	16.93 1.22 0.00	29.82 2.25 0.00	32.77 2.66 0.00	37.74 2.95 -1.07	39.57 3.07 0.00	38.04 2.97 0.00	28.76 2.28 0.00	33.04 2.73 0.00	38.57 3.21 0.00	37.38 2.98 0.00	65.54 4.83 0.00	69.82 5.07 0.00	75.13 5.75 0.00	42.31 3.35 0.00	27.71 2.25 0.00	31.09 2.27 -2.34	26.57 1.83 0.00
MODEL_CITY_ENERGY 24167	9.38 -0.38 -5.34	6.14 -0.30 -2.24	22.36 -2.02 -1.22	26.74 -2.05 -1.94	26.76 -1.75 -0.34	26.47 -1.51 -2.32	9.60 -0.51 -2.13	14.60 -1.10 0.00	25.65 -1.91 0.00	27.89 -2.21 0.00	31.22 -2.66 -0.16	33.79 -2.70 0.00	32.68 -2.38 0.00	24.65 -1.84 0.00	28.03 -2.28 0.00	32.94 -2.43 0.00	32.28 -2.12 0.00	57.92 -2.78 0.00	61.67 -3.08 0.00	65.52 -3.86 0.00	36.61 -2.35 0.00	23.72 -1.73 0.00	24.76 -2.08 -0.35	22.71 -2.02 0.00
MODERN_LFGE___ 323580	9.38 -0.38 -5.34	6.14 -0.30 -2.24	22.36 -2.02 -1.22	26.74 -2.05 -1.94	26.76 -1.75 -0.34	26.47 -1.51 -2.32	9.60 -0.51 -2.13	14.60 -1.10 0.00	25.65 -1.91 0.00	27.89 -2.21 0.00	31.22 -2.66 -0.16	33.79 -2.70 0.00	32.68 -2.38 0.00	24.65 -1.84 0.00	28.03 -2.28 0.00	32.94 -2.43 0.00	32.28 -2.12 0.00	57.92 -2.78 0.00	61.67 -3.08 0.00	65.52 -3.86 0.00	36.61 -2.35 0.00	23.72 -1.73 0.00	24.76 -2.08 -0.35	22.71 -2.02 0.00
MOHAWK_PAPER___DRP 24187	51.26 0.32 -46.53	24.00 0.29 -19.51	35.37 1.58 -10.64	45.55 1.82 -16.88	33.15 1.99 -3.00	47.76 1.89 -20.21	27.10 0.57 -18.55	16.79 1.08 0.00	29.38 1.81 0.00	32.26 2.16 -0.01	37.68 2.56 -1.40	39.29 2.79 0.00	37.75 2.69 0.00	28.52 2.03 0.00	32.61 2.30 0.00	38.02 2.65 0.00	36.98 2.58 0.00	65.02 4.32 0.00	69.27 4.51 0.00	74.35 4.96 0.00	41.74 2.78 0.00	27.36 1.91 0.00	31.66 2.10 -3.07	26.48 1.75 0.00



MONGAUP___HYD 23641	37.49 0.36 -32.71	18.24 0.33 -13.72	32.36 1.72 -7.48	40.69 1.97 -11.86	32.43 2.16 -2.11	41.95 2.08 -14.21	21.61 0.60 -13.04	16.94 1.23 0.00	29.85 2.28 0.00	32.78 2.68 0.00	37.68 2.97 -0.98	39.55 3.05 0.00	37.95 2.89 0.00	28.69 2.21 0.00	32.93 2.62 0.00	38.49 3.12 0.00	37.47 3.07 0.00	65.98 5.27 0.00	70.20 5.45 0.00	75.31 5.93 0.00	42.32 3.36 0.00	27.65 2.20 0.00	30.80 2.15 -2.16	26.52 1.78 0.00
MONTAUK___DIESEL 23721	63.40 0.79 -58.19	24.89 0.71 -19.98	41.65 3.80 -14.70	46.03 4.30 -14.88	35.10 4.64 -2.30	45.95 4.45 -15.83	26.44 1.41 -17.07	18.50 2.79 0.00	32.57 5.00 0.00	38.35 5.77 -2.48	62.61 6.27 -22.62	98.47 6.65 -55.32	60.71 6.33 -19.33	57.14 4.75 -25.91	74.26 5.58 -38.36	114.73 6.69 -72.66	142.14 6.69 -101.05	139.28 11.66 -66.92	98.39 12.20 -21.43	85.92 12.87 -3.67	51.52 7.41 -5.15	75.56 4.75 -45.36	91.12 4.78 -59.85	70.78 4.09 -41.96
MOTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.38 0.37 -35.60	19.46 0.33 -14.92	33.04 1.75 -8.14	41.65 1.89 -12.91	32.58 2.13 -2.30	43.18 2.06 -15.46	22.84 0.68 -14.19	17.08 1.37 0.00	30.08 2.52 0.00	33.06 2.96 0.00	38.08 3.29 -1.07	39.93 3.43 0.00	38.38 3.32 0.00	29.03 2.55 0.00	33.35 3.04 0.00	38.93 3.56 0.00	37.71 3.31 0.00	66.01 5.31 0.00	70.34 5.59 0.00	75.77 6.39 0.00	42.68 3.72 0.00	27.97 2.52 0.00	31.36 2.53 -2.35	26.79 2.06 0.00
MUNSVILLE_WIND_PWR 323609	15.87 0.41 -11.04	9.21 0.38 -4.63	27.70 2.02 -2.53	33.29 2.43 -4.01	31.40 2.53 -0.71	32.83 2.37 -4.80	13.13 0.76 -4.40	17.27 1.56 0.00	30.53 2.97 0.00	33.46 3.37 0.00	37.80 3.75 -0.33	40.65 4.15 0.00	39.08 4.02 0.00	29.45 2.97 0.00	33.69 3.38 0.00	39.38 4.01 0.00	38.48 4.08 0.00	68.17 7.47 0.00	72.54 7.79 0.00	77.55 8.17 0.00	43.38 4.42 0.00	28.22 2.76 0.00	29.88 2.66 -0.73	27.03 2.30 0.00
N SALMON___HYD 24042	4.36 -0.06 0.00	4.15 -0.05 0.00	23.12 -0.03 0.00	26.95 0.10 0.00	28.06 -0.10 0.00	25.41 -0.26 0.00	7.90 -0.08 0.00	15.56 -0.14 0.00	27.36 -0.20 0.00	29.60 -0.50 0.00	33.20 -0.52 0.00	35.92 -0.58 0.00	34.40 -0.66 0.00	25.95 -0.53 0.00	29.64 -0.68 0.00	34.54 -0.83 0.00	33.59 -0.81 0.00	59.53 -1.17 0.00	63.60 -1.15 0.00	67.81 -1.57 0.00	38.20 -0.76 0.00	24.89 -0.57 0.00	25.96 -0.53 0.00	24.47 -0.26 0.00
N.E._GEN_SANDY PD 24062	46.92 0.34 -42.16	22.19 0.31 -17.68	34.52 1.72 -9.64	44.12 1.97 -15.29	33.23 2.16 -2.90	46.02 2.04 -18.31	25.42 0.64 -16.81	16.96 1.26 0.00	29.85 2.28 0.00	33.85 2.68 -1.07	39.58 3.00 -2.87	47.66 3.24 -7.92	48.90 3.11 -10.73	41.50 2.38 -12.64	46.75 2.75 -13.68	64.16 3.24 -25.55	68.80 3.06 -31.35	81.21 5.05 -15.45	89.41 5.31 -19.34	102.28 5.94 -26.96	61.59 3.38 -19.24	47.97 2.26 -20.25	37.42 2.33 -8.59	50.61 1.93 -23.94
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.19 0.32 -34.46	18.93 0.28 -14.45	32.52 1.48 -7.88	40.98 1.63 -12.50	32.20 1.81 -2.22	42.40 1.77 -14.97	22.30 0.59 -13.74	16.88 1.17 0.00	29.73 2.17 0.00	32.66 2.56 0.00	37.58 2.82 -1.04	39.42 2.92 0.00	37.89 2.83 0.00	28.65 2.16 0.00	32.91 2.60 0.00	38.44 3.07 0.00	37.25 2.85 0.00	65.36 4.66 0.00	69.62 4.86 0.00	74.90 5.52 0.00	42.17 3.21 0.00	27.61 2.16 0.00	30.93 2.17 -2.27	26.48 1.75 0.00
NARROWS_GT1_1 24228	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT1_2 24229	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT1_3 24230	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT1_4 24231	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT1_5 24232	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT1_6 24233	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT1_7 24234	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT1_8 24235	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00



NARROWS_GT2_1 24236	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT2_2 24237	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT2_3 24238	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT2_4 24239	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT2_5 24240	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT2_6 24241	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT2_7 24242	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NARROWS_GT2_8 24243	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.12 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.74 0.43 -39.90	21.32 0.39 -16.73	34.36 2.08 -9.13	43.69 2.37 -14.47	33.30 2.56 -2.57	45.48 2.49 -17.33	24.66 0.78 -15.91	17.24 1.54 0.00	30.32 2.76 0.00	33.36 3.25 0.00	38.68 3.76 -1.20	40.52 4.02 0.00	38.93 3.87 0.00	29.40 2.92 0.00	33.69 3.38 0.00	39.30 3.93 0.00	38.25 3.85 0.00	67.34 6.64 0.00	71.72 6.96 0.00	76.86 7.48 0.00	43.16 4.20 0.00	28.23 2.77 0.00	31.95 2.83 -2.63	27.08 2.35 0.00
NEG CAPITAL___MECHNVIL 23645	52.99 0.36 -48.21	24.75 0.33 -20.21	36.01 1.83 -11.03	46.46 2.12 -17.49	33.55 2.28 -3.11	48.77 2.17 -20.94	27.87 0.68 -19.22	17.02 1.32 0.00	29.96 2.40 0.00	32.91 2.81 -0.01	38.36 3.19 -1.45	40.01 3.51 0.00	38.43 3.37 0.00	29.04 2.56 0.00	33.24 2.93 0.00	38.85 3.48 0.00	37.84 3.44 0.00	66.65 5.95 0.00	70.92 6.17 0.00	76.02 6.64 0.00	42.60 3.64 0.00	27.81 2.35 0.00	32.07 2.40 -3.18	26.75 2.02 0.00
NEG CENTRAL_HIGH_ACRES 23767	8.40 -0.19 -4.17	5.78 -0.17 -1.75	23.00 -1.11 -0.95	27.21 -1.16 -1.52	27.38 -1.05 -0.27	26.52 -0.96 -1.81	9.33 -0.30 -1.67	15.09 -0.61 0.00	26.53 -1.04 0.00	28.95 -1.15 0.00	32.50 -1.34 -0.13	35.13 -1.37 0.00	33.84 -1.22 0.00	25.54 -0.93 0.00	29.16 -1.15 0.00	34.18 -1.19 0.00	33.41 -0.99 0.00	59.52 -1.18 0.00	63.37 -1.38 0.00	67.57 -1.81 0.00	37.80 -1.16 0.00	24.55 -0.90 0.00	25.64 -1.12 -0.28	23.66 -1.07 0.00
NEG CENTRAL___DRP 24199	9.04 0.01 -4.61	6.14 0.01 -1.93	24.15 -0.06 -1.05	28.47 -0.05 -1.67	28.48 0.02 -0.30	27.68 0.01 -2.00	9.80 -0.01 -1.84	15.73 0.02 0.00	27.68 0.12 0.00	30.30 0.20 0.00	34.07 0.21 -0.14	36.79 0.30 0.00	35.41 0.35 0.00	26.71 0.22 0.00	30.53 0.22 0.00	35.72 0.35 0.00	34.85 0.45 0.00	61.76 1.05 0.00	65.78 1.02 0.00	70.37 0.99 0.00	39.40 0.44 0.00	25.68 0.22 0.00	26.89 0.10 -0.30	24.77 0.04 0.00
NEG CENTRAL___INDECK 23768	10.61 0.06 -6.13	6.83 0.06 -2.57	24.65 0.09 -1.40	29.25 0.17 -2.22	28.99 0.43 -0.40	28.80 0.48 -2.66	10.55 0.13 -2.45	15.99 0.28 0.00	28.24 0.68 0.00	31.01 0.91 0.00	34.90 1.00 -0.18	37.69 1.19 0.00	36.35 1.29 0.00	27.43 0.94 0.00	31.24 0.94 0.00	36.64 1.27 0.00	35.89 1.48 0.00	64.06 3.36 0.00	68.16 3.40 0.00	72.69 3.31 0.00	40.62 1.66 0.00	26.38 0.92 0.00	27.56 0.67 -0.40	25.20 0.46 0.00
NEG CENTRAL___SENECA 23627	9.59 0.05 -5.13	6.39 0.04 -2.15	24.39 0.07 -1.17	28.83 0.11 -1.86	28.73 0.24 -0.33	28.11 0.22 -2.23	10.06 0.05 -2.05	15.85 0.14 0.00	27.94 0.38 0.00	30.62 0.51 0.00	34.42 0.55 -0.15	37.18 0.68 0.00	35.79 0.73 0.00	26.98 0.49 0.00	30.84 0.53 0.00	36.09 0.72 0.00	35.22 0.82 0.00	62.49 1.79 0.00	66.53 1.77 0.00	71.14 1.76 0.00	39.81 0.85 0.00	25.94 0.48 0.00	27.16 0.33 -0.34	24.95 0.21 0.00
NEG CENTRAL___STATE_STREET 24147	8.96 0.06 -4.49	6.14 0.05 -1.88	24.39 0.21 -1.03	28.75 0.27 -1.63	28.76 0.31 -0.29	27.86 0.25 -1.95	9.83 0.08 -1.79	15.89 0.18 0.00	27.94 0.38 0.00	30.57 0.47 0.00	34.39 0.54 -0.13	37.12 0.63 0.00	35.70 0.64 0.00	26.94 0.46 0.00	30.81 0.50 0.00	36.02 0.65 0.00	35.16 0.76 0.00	62.26 1.56 0.00	66.28 1.52 0.00	70.91 1.53 0.00	39.72 0.76 0.00	25.89 0.43 0.00	27.11 0.33 -0.30	25.03 0.29 0.00



NEG MILLWOOD___DRP 24198	41.54 0.39 -36.73	19.95 0.35 -15.40	33.39 1.84 -8.40	42.22 2.04 -13.32	32.78 2.25 -2.37	43.79 2.18 -15.95	23.32 0.71 -14.64	17.13 1.42 0.00	30.19 2.63 0.00	33.19 3.08 0.00	38.27 3.44 -1.10	40.13 3.63 0.00	38.56 3.50 0.00	29.14 2.66 0.00	33.47 3.16 0.00	39.09 3.72 0.00	37.94 3.54 0.00	66.64 5.94 0.00	71.02 6.26 0.00	76.33 6.95 0.00	42.94 3.98 0.00	28.09 2.64 0.00	31.54 2.63 -2.42	26.87 2.14 0.00
NEG NORTH_FLCN_SEA 23793	4.34 -0.07 0.00	4.15 -0.05 0.00	23.16 0.01 0.00	26.98 0.13 0.00	28.15 -0.01 0.00	25.60 -0.06 0.00	7.93 -0.04 0.00	15.65 -0.06 0.00	27.59 0.02 0.00	29.89 -0.21 0.00	33.51 -0.21 0.00	36.30 -0.20 0.00	34.77 -0.29 0.00	26.20 -0.28 0.00	29.92 -0.39 0.00	34.87 -0.50 0.00	33.84 -0.56 0.00	59.84 -0.87 0.00	63.82 -0.93 0.00	68.25 -1.14 0.00	38.51 -0.45 0.00	25.13 -0.32 0.00	26.26 -0.23 0.00	24.67 -0.06 0.00
NEG NORTH_KES_CHATEGAY 23792	4.28 -0.13 0.00	4.11 -0.09 0.00	22.87 -0.29 0.00	26.63 -0.22 0.00	27.73 -0.43 0.00	25.19 -0.47 0.00	7.82 -0.15 0.00	15.42 -0.28 0.00	27.14 -0.42 0.00	29.38 -0.72 0.00	32.95 -0.77 0.00	35.69 -0.81 0.00	34.17 -0.89 0.00	25.77 -0.72 0.00	29.43 -0.88 0.00	34.29 -1.08 0.00	33.29 -1.11 0.00	58.97 -1.74 0.00	62.93 -1.82 0.00	67.23 -2.15 0.00	37.96 -1.00 0.00	24.76 -0.70 0.00	25.87 -0.62 0.00	24.34 -0.40 0.00
NEG NORTH___ALICE_FALLS 23915	4.35 -0.06 0.00	4.16 -0.04 0.00	23.18 0.03 0.00	27.00 0.14 0.00	28.15 -0.01 0.00	25.60 -0.06 0.00	7.94 -0.03 0.00	15.66 -0.05 0.00	27.61 0.05 0.00	29.93 -0.17 0.00	33.56 -0.16 0.00	36.34 -0.16 0.00	34.81 -0.25 0.00	26.23 -0.25 0.00	29.96 -0.35 0.00	34.92 -0.45 0.00	33.91 -0.49 0.00	60.02 -0.68 0.00	64.07 -0.69 0.00	68.45 -0.93 0.00	38.62 -0.34 0.00	25.17 -0.28 0.00	26.29 -0.20 0.00	24.70 -0.04 0.00
NEG NORTH___LWR_SARANAC 23913	4.35 -0.06 0.00	4.16 -0.04 0.00	23.18 0.03 0.00	27.00 0.14 0.00	28.15 -0.01 0.00	25.60 -0.06 0.00	7.94 -0.03 0.00	15.66 -0.05 0.00	27.61 0.05 0.00	29.93 -0.17 0.00	33.56 -0.16 0.00	36.34 -0.16 0.00	34.81 -0.25 0.00	26.23 -0.25 0.00	29.96 -0.35 0.00	34.92 -0.45 0.00	33.91 -0.49 0.00	60.02 -0.68 0.00	64.07 -0.69 0.00	68.45 -0.93 0.00	38.62 -0.34 0.00	25.17 -0.28 0.00	26.29 -0.20 0.00	24.70 -0.04 0.00
NEG NORTH___PLATTSBURG 23628	4.35 -0.06 0.00	4.16 -0.04 0.00	23.18 0.03 0.00	27.00 0.14 0.00	28.15 -0.01 0.00	25.60 -0.06 0.00	7.94 -0.03 0.00	15.66 -0.05 0.00	27.61 0.05 0.00	29.93 -0.17 0.00	33.56 -0.16 0.00	36.34 -0.16 0.00	34.81 -0.25 0.00	26.23 -0.25 0.00	29.96 -0.35 0.00	34.92 -0.45 0.00	33.91 -0.49 0.00	60.02 -0.68 0.00	64.07 -0.69 0.00	68.45 -0.93 0.00	38.62 -0.34 0.00	25.17 -0.28 0.00	26.29 -0.20 0.00	24.70 -0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	9.39 -0.32 -5.30	6.17 -0.25 -2.22	22.62 -1.75 -1.21	27.01 -1.76 -1.92	27.05 -1.45 -0.34	26.73 -1.23 -2.30	9.66 -0.42 -2.11	14.79 -0.91 0.00	26.00 -1.57 0.00	28.28 -1.82 0.00	31.67 -2.20 -0.16	34.31 -2.19 0.00	33.16 -1.90 0.00	25.00 -1.48 0.00	28.44 -1.87 0.00	33.43 -1.94 0.00	32.74 -1.66 0.00	58.75 -1.96 0.00	62.54 -2.21 0.00	66.47 -2.92 0.00	37.14 -1.82 0.00	24.08 -1.38 0.00	25.11 -1.72 -0.35	23.04 -1.70 0.00
NEG WEST___LANCASTR 23811	10.63 0.03 -6.19	6.84 0.04 -2.60	24.56 -0.01 -1.41	29.27 0.17 -2.25	28.96 0.40 -0.40	28.74 0.38 -2.69	10.48 0.05 -2.47	15.81 0.10 0.00	27.91 0.34 0.00	30.58 0.48 0.00	34.32 0.41 -0.19	37.14 0.65 0.00	35.87 0.81 0.00	26.97 0.49 0.00	30.79 0.48 0.00	36.06 0.68 0.00	35.07 0.67 0.00	62.39 1.69 0.00	66.17 1.41 0.00	70.65 1.26 0.00	39.50 0.54 0.00	25.83 0.38 0.00	27.13 0.24 -0.41	24.81 0.08 0.00
NEG_PENN_ALLEGHNY 23528	16.22 0.15 -11.65	9.23 0.14 -4.89	26.51 0.69 -2.67	31.89 0.81 -4.23	29.82 0.91 -0.75	31.56 0.84 -5.06	12.85 0.24 -4.65	16.21 0.50 0.00	28.56 0.99 0.00	31.30 1.20 0.00	35.39 1.32 -0.35	37.97 1.47 0.00	36.53 1.46 0.00	27.55 1.07 0.00	31.54 1.23 0.00	36.84 1.47 0.00	35.84 1.44 0.00	63.26 2.56 0.00	67.30 2.55 0.00	72.07 2.69 0.00	40.40 1.44 0.00	26.42 0.97 0.00	28.19 0.93 -0.77	25.52 0.79 0.00
NEG___GEN_MONROE 24207	8.62 -0.16 -4.38	5.91 -0.13 -1.83	23.24 -0.92 -1.00	27.49 -0.95 -1.59	27.71 -0.73 -0.28	26.98 -0.58 -1.90	9.53 -0.19 -1.74	15.32 -0.39 0.00	26.90 -0.66 0.00	29.30 -0.80 0.00	32.87 -0.98 -0.13	35.58 -0.92 0.00	34.34 -0.72 0.00	25.93 -0.55 0.00	29.56 -0.76 0.00	34.65 -0.71 0.00	33.97 -0.43 0.00	60.76 0.06 0.00	64.79 0.03 0.00	69.06 -0.32 0.00	38.56 -0.40 0.00	24.99 -0.47 0.00	26.01 -0.77 -0.29	23.92 -0.81 0.00
NEPA___ENERGY 23901	11.67 0.02 -7.23	7.27 0.03 -3.03	24.81 0.00 -1.65	29.64 0.17 -2.62	28.97 0.34 -0.47	29.08 0.28 -3.14	10.86 0.01 -2.88	15.74 0.03 0.00	27.78 0.21 0.00	30.47 0.37 0.00	34.21 0.27 -0.22	36.96 0.46 0.00	35.64 0.59 0.00	26.79 0.31 0.00	30.61 0.30 0.00	35.78 0.41 0.00	34.68 0.28 0.00	61.36 0.66 0.00	65.04 0.28 0.00	69.56 0.17 0.00	38.94 -0.03 0.00	25.55 0.10 0.00	27.00 0.03 -0.48	24.66 -0.08 0.00
NEVERSINK___HYD 23608	37.11 0.35 -32.35	18.09 0.32 -13.56	32.22 1.67 -7.40	40.45 1.87 -11.73	32.29 2.04 -2.09	41.72 2.00 -14.05	21.51 0.65 -12.90	17.01 1.31 0.00	30.03 2.47 0.00	32.98 2.88 0.00	37.90 3.20 -0.97	39.84 3.34 0.00	38.27 3.21 0.00	28.92 2.43 0.00	33.20 2.89 0.00	38.78 3.41 0.00	37.67 3.27 0.00	66.27 5.56 0.00	70.59 5.83 0.00	75.81 6.43 0.00	42.62 3.65 0.00	27.87 2.41 0.00	30.99 2.37 -2.13	26.69 1.96 0.00
NEWTON___FALLS_HYD 23847	4.36 -0.06 0.00	4.11 -0.09 0.00	22.85 -0.30 0.00	26.56 -0.29 0.00	27.75 -0.41 0.00	25.00 -0.66 0.00	7.77 -0.19 0.00	15.30 -0.41 0.00	26.82 -0.74 0.00	29.00 -1.09 0.00	32.53 -1.18 0.00	35.25 -1.25 0.00	33.86 -1.20 0.00	25.56 -0.92 0.00	29.24 -1.06 0.00	34.11 -1.26 0.00	33.28 -1.12 0.00	58.90 -1.80 0.00	62.80 -1.96 0.00	67.06 -2.32 0.00	37.60 -1.36 0.00	24.48 -0.97 0.00	25.44 -1.05 0.00	24.01 -0.72 0.00
NIAGARA_115E_LBMP 323715	9.40 -0.40 -5.39	6.14 -0.33 -2.26	22.23 -2.16 -1.23	26.59 -2.22 -1.96	26.59 -1.92 -0.35	26.34 -1.67 -2.34	9.56 -0.55 -2.15	14.50 -1.21 0.00	25.46 -2.10 0.00	27.67 -2.43 0.00	30.97 -2.92 -0.16	33.52 -2.97 0.00	32.41 -2.65 0.00	24.45 -2.04 0.00	27.79 -2.52 0.00	32.67 -2.70 0.00	32.01 -2.39 0.00	57.43 -3.27 0.00	61.15 -3.60 0.00	64.99 -4.39 0.00	36.32 -2.64 0.00	23.54 -1.91 0.00	24.57 -2.27 -0.36	22.54 -2.19 0.00
NIAGARA_115W_LBMP 323714	9.40 -0.46 -5.44	6.11 -0.37 -2.28	22.02 -2.38 -1.24	26.35 -2.47 -1.97	26.30 -2.21 -0.35	26.11 -1.92 -2.36	9.51 -0.63 -2.17	14.39 -1.31 0.00	25.30 -2.26 0.00	27.49 -2.61 0.00	30.77 -3.11 -0.16	33.29 -3.21 0.00	32.13 -2.93 0.00	24.23 -2.25 0.00	27.55 -2.75 0.00	32.39 -2.98 0.00	31.76 -2.64 0.00	57.05 -3.65 0.00	60.76 -3.99 0.00	64.51 -4.87 0.00	36.04 -2.92 0.00	23.34 -2.11 0.00	24.37 -2.48 -0.36	22.36 -2.37 0.00



NIAGARA_230_LBMP 323716	9.38 -0.35 -5.31	6.15 -0.28 -2.23	22.50 -1.87 -1.21	26.87 -1.91 -1.93	26.90 -1.60 -0.34	26.58 -1.39 -2.31	9.62 -0.47 -2.12	14.69 -1.01 0.00	25.80 -1.77 0.00	28.05 -2.05 0.00	31.40 -2.48 -0.16	34.01 -2.50 0.00	32.86 -2.20 0.00	24.77 -1.71 0.00	28.17 -2.13 0.00	33.09 -2.28 0.00	32.37 -2.03 0.00	58.04 -2.67 0.00	61.80 -2.96 0.00	65.70 -3.69 0.00	36.74 -2.23 0.00	23.83 -1.63 0.00	24.90 -1.94 -0.35	22.85 -1.88 0.00
NIAGARA____ 23760	9.39 -0.39 -5.37	6.14 -0.31 -2.25	22.32 -2.06 -1.23	26.69 -2.11 -1.94	26.68 -1.82 -0.35	26.41 -1.58 -2.33	9.58 -0.52 -2.14	14.59 -1.12 0.00	25.62 -1.94 0.00	27.85 -2.25 0.00	31.18 -2.70 -0.16	33.75 -2.74 0.00	32.61 -2.45 0.00	24.59 -1.89 0.00	27.96 -2.34 0.00	32.86 -2.51 0.00	32.17 -2.23 0.00	57.70 -3.00 0.00	61.44 -3.32 0.00	65.29 -4.09 0.00	36.51 -2.45 0.00	23.67 -1.79 0.00	24.72 -2.12 -0.35	22.67 -2.06 0.00
NINE_MILE_1 23575	6.54 -0.11 -2.24	5.04 -0.10 -0.94	23.07 -0.59 -0.51	27.00 -0.67 -0.81	27.60 -0.70 -0.14	25.88 -0.76 -0.97	8.62 -0.24 -0.89	15.25 -0.45 0.00	26.74 -0.82 0.00	29.16 -0.94 0.00	32.73 -1.06 -0.07	35.37 -1.12 0.00	34.01 -1.05 0.00	25.68 -0.80 0.00	29.38 -0.93 0.00	34.32 -1.05 0.00	33.44 -0.96 0.00	59.09 -1.61 0.00	62.98 -1.78 0.00	67.45 -1.93 0.00	37.83 -1.13 0.00	24.70 -0.76 0.00	25.83 -0.81 -0.15	24.08 -0.65 0.00
NINE_MILE_2 23744	6.54 -0.11 -2.23	5.04 -0.10 -0.94	23.08 -0.59 -0.51	27.00 -0.67 -0.81	27.60 -0.70 -0.14	25.88 -0.75 -0.97	8.62 -0.24 -0.89	15.26 -0.45 0.00	26.74 -0.82 0.00	29.16 -0.94 0.00	32.73 -1.06 -0.07	35.38 -1.12 0.00	34.01 -1.05 0.00	25.68 -0.80 0.00	29.38 -0.92 0.00	34.32 -1.05 0.00	33.44 -0.96 0.00	59.09 -1.61 0.00	62.98 -1.78 0.00	67.45 -1.93 0.00	37.83 -1.13 0.00	24.70 -0.76 0.00	25.83 -0.81 -0.15	24.08 -0.65 0.00
NM_CAPITAL____DRP 24208	50.83 0.30 -46.11	23.81 0.27 -19.33	35.20 1.49 -10.55	45.31 1.73 -16.73	33.02 1.88 -2.98	47.49 1.80 -20.03	26.90 0.54 -18.39	16.70 1.00 0.00	29.17 1.61 0.00	32.03 1.92 -0.01	37.43 2.33 -1.39	39.02 2.52 0.00	37.48 2.42 0.00	28.32 1.83 0.00	32.37 2.07 0.00	37.71 2.34 0.00	36.67 2.26 0.00	64.42 3.71 0.00	68.64 3.89 0.00	73.69 4.31 0.00	41.39 2.43 0.00	27.18 1.72 0.00	31.50 1.97 -3.04	26.38 1.64 0.00
NM_CENTRAL____DRP 24181	7.49 -0.01 -3.08	5.49 -0.01 -1.29	23.76 -0.10 -0.70	27.88 -0.09 -1.12	28.28 -0.08 -0.20	26.85 -0.15 -1.34	9.15 -0.05 -1.23	15.63 -0.08 0.00	27.43 -0.13 0.00	29.96 -0.14 0.00	33.66 -0.15 -0.09	36.36 -0.14 0.00	34.97 -0.09 0.00	26.41 -0.08 0.00	30.21 -0.09 0.00	35.31 -0.06 0.00	34.42 0.02 0.00	60.85 0.15 0.00	64.79 0.04 0.00	69.38 -0.01 0.00	38.89 -0.07 0.00	25.37 -0.08 0.00	26.55 -0.15 -0.20	24.64 -0.09 0.00
NM_FRONTIER____DRP 24179	9.40 -0.46 -5.44	6.11 -0.37 -2.28	22.02 -2.38 -1.24	26.35 -2.47 -1.97	26.30 -2.21 -0.35	26.11 -1.92 -2.36	9.51 -0.63 -2.17	14.39 -1.31 0.00	25.30 -2.26 0.00	27.49 -2.61 0.00	30.77 -3.11 -0.16	33.29 -3.21 0.00	32.13 -2.93 0.00	24.23 -2.25 0.00	27.55 -2.75 0.00	32.39 -2.98 0.00	31.76 -2.64 0.00	57.05 -3.65 0.00	60.76 -3.99 0.00	64.51 -4.87 0.00	36.04 -2.92 0.00	23.34 -2.11 0.00	24.37 -2.48 -0.36	22.36 -2.37 0.00
NM_ST_REGIS____HYD 24053	4.31 -0.10 0.00	4.07 -0.14 0.00	22.74 -0.41 0.00	26.48 -0.37 0.00	27.60 -0.56 0.00	24.77 -0.89 0.00	7.70 -0.27 0.00	15.13 -0.58 0.00	26.52 -1.05 0.00	28.48 -1.62 0.00	31.94 -1.78 0.00	34.57 -1.93 0.00	33.12 -1.94 0.00	25.01 -1.48 0.00	28.58 -1.73 0.00	33.28 -2.09 0.00	32.41 -1.99 0.00	57.47 -3.23 0.00	61.41 -3.35 0.00	65.48 -3.90 0.00	36.81 -2.16 0.00	23.95 -1.51 0.00	24.97 -1.51 0.00	23.74 -1.00 0.00
NORTHPORT____1 23551	63.12 0.50 -58.19	24.65 0.47 -19.98	40.38 2.53 -14.70	44.56 2.83 -14.88	33.50 3.05 -2.30	44.45 2.96 -15.83	25.98 0.94 -17.07	17.56 1.85 0.00	30.85 3.28 0.00	36.44 3.87 -2.48	60.52 4.18 -22.62	96.22 4.40 -55.32	58.59 4.20 -19.33	55.52 3.13 -25.91	72.40 3.73 -38.36	112.42 4.39 -72.66	139.58 4.13 -101.05	134.21 6.58 -66.92	93.11 6.92 -21.43	80.52 7.47 -3.67	48.64 4.53 -5.15	73.86 3.05 -45.36	89.61 3.27 -59.85	69.47 2.78 -41.96
NORTHPORT____2 23552	63.12 0.50 -58.19	24.65 0.47 -19.98	40.38 2.53 -14.70	44.56 2.83 -14.88	33.50 3.05 -2.30	44.45 2.96 -15.83	25.98 0.94 -17.07	17.56 1.85 0.00	30.85 3.28 0.00	36.44 3.87 -2.48	60.52 4.18 -22.62	96.22 4.40 -55.32	58.59 4.20 -19.33	55.52 3.13 -25.91	72.40 3.73 -38.36	112.42 4.39 -72.66	139.58 4.13 -101.05	134.21 6.58 -66.92	93.11 6.92 -21.43	80.52 7.47 -3.67	48.64 4.53 -5.15	73.86 3.05 -45.36	89.61 3.27 -59.85	69.47 2.78 -41.96
NORTHPORT____3 23553	63.04 0.43 -58.19	24.59 0.41 -19.98	40.03 2.17 -14.70	44.15 2.42 -14.88	33.06 2.61 -2.30	44.04 2.54 -15.83	25.85 0.82 -17.07	17.33 1.62 0.00	30.46 2.90 0.00	36.00 3.42 -2.48	60.03 3.69 -22.62	95.66 3.84 -55.32	58.10 3.71 -19.33	55.18 2.79 -25.91	72.00 3.33 -38.36	111.89 3.86 -72.66	139.05 3.60 -101.05	133.29 5.67 -66.92	92.22 6.02 -21.43	79.62 6.57 -3.67	48.15 4.04 -5.15	73.51 2.70 -45.36	89.21 2.87 -59.85	69.06 2.37 -41.96
NORTHPORT____4 23650	63.04 0.43 -58.19	24.59 0.41 -19.98	40.03 2.17 -14.70	44.15 2.42 -14.88	33.06 2.61 -2.30	44.04 2.54 -15.83	25.85 0.82 -17.07	17.33 1.62 0.00	30.46 2.90 0.00	36.00 3.42 -2.48	60.03 3.69 -22.62	95.66 3.84 -55.32	58.10 3.71 -19.33	55.18 2.79 -25.91	72.00 3.33 -38.36	111.89 3.86 -72.66	139.05 3.60 -101.05	133.29 5.67 -66.92	92.22 6.02 -21.43	79.62 6.57 -3.67	48.15 4.04 -5.15	73.51 2.70 -45.36	89.21 2.87 -59.85	69.06 2.37 -41.96
NORTHPORT____IC 23718	63.12 0.50 -58.19	24.65 0.47 -19.98	40.38 2.53 -14.70	44.56 2.83 -14.88	33.50 3.05 -2.30	44.45 2.96 -15.83	25.98 0.94 -17.07	17.56 1.85 0.00	30.85 3.28 0.00	36.44 3.87 -2.48	60.52 4.18 -22.62	96.22 4.40 -55.32	58.59 4.20 -19.33	55.52 3.13 -25.91	72.40 3.73 -38.36	112.42 4.39 -72.66	139.58 4.13 -101.05	134.21 6.58 -66.92	93.11 6.92 -21.43	80.52 7.47 -3.67	48.64 4.53 -5.15	73.86 3.05 -45.36	89.61 3.27 -59.85	69.47 2.78 -41.96
NPX_GEN_1385_PROXY 323591	63.08 0.48 -58.19	24.66 0.48 -19.98	40.61 2.76 -14.70	44.99 3.26 -14.88	33.79 3.33 -2.30	44.86 3.37 -15.83	26.08 1.05 -17.07	17.77 2.07 0.00	31.27 3.71 0.00	37.08 4.51 -2.48	60.79 4.45 -22.62	97.02 5.20 -55.32	58.68 4.29 -19.33	55.40 3.01 -25.91	72.31 3.63 -38.36	112.66 4.62 -72.66	139.77 4.33 -101.05	133.92 6.30 -66.92	92.15 5.96 -21.43	79.73 6.68 -3.67	47.93 3.82 -5.15	73.53 2.72 -45.36	89.82 3.48 -59.85	71.61 3.15 -43.72
NPX_GEN_CSC 323557	63.18 0.57 -58.19	24.69 0.51 -19.98	40.60 2.75 -14.70	44.80 3.07 -14.88	33.77 3.31 -2.30	44.70 3.21 -15.83	26.05 1.01 -17.07	17.70 2.00 0.00	31.09 3.53 0.00	36.69 4.11 -2.48	60.77 4.43 -22.62	96.44 4.62 -55.32	58.83 4.44 -19.33	55.71 3.32 -25.91	72.63 3.96 -38.36	112.78 4.74 -72.66	140.09 4.64 -101.05	135.40 7.78 -66.92	94.37 8.18 -21.43	81.79 8.75 -3.67	49.29 5.18 -5.15	74.20 3.39 -45.36	89.84 3.49 -59.85	71.42 2.97 -43.72



NSINS_S_GLNS_FALLS 23858	52.63 0.34 -47.88	24.58 0.31 -20.07	35.86 1.75 -10.95	46.27 2.05 -17.36	33.42 2.18 -3.09	48.56 2.11 -20.79	27.71 0.65 -19.09	16.97 1.27 0.00	29.95 2.39 0.00	32.89 2.79 -0.01	38.32 3.17 -1.44	39.97 3.47 0.00	38.38 3.32 0.00	29.02 2.53 0.00	33.22 2.91 0.00	38.83 3.46 0.00	37.80 3.40 0.00	66.59 5.89 0.00	70.83 6.08 0.00	75.92 6.54 0.00	42.56 3.60 0.00	27.76 2.30 0.00	31.94 2.30 -3.16	26.63 1.90 0.00
NUCOR_STEEL____DRP 24197	8.76 0.05 -4.30	6.05 0.05 -1.80	24.31 0.17 -0.98	28.65 0.24 -1.56	28.71 0.27 -0.28	27.73 0.21 -1.87	9.74 0.06 -1.72	15.85 0.15 0.00	27.87 0.30 0.00	30.47 0.37 0.00	34.25 0.40 -0.13	36.98 0.48 0.00	35.55 0.49 0.00	26.83 0.35 0.00	30.69 0.38 0.00	35.89 0.52 0.00	35.01 0.61 0.00	61.96 1.25 0.00	65.94 1.19 0.00	70.55 1.17 0.00	39.53 0.57 0.00	25.78 0.32 0.00	27.01 0.24 -0.28	24.96 0.22 0.00
NYISO_LBMP_REFERENCE 24008	4.41 0.00 0.00	4.20 0.00 0.00	23.16 0.00 0.00	26.85 0.00 0.00	28.16 0.00 0.00	25.66 0.00 0.00	7.97 0.00 0.00	15.71 0.00 0.00	27.56 0.00 0.00	30.10 0.00 0.00	33.72 0.00 0.00	36.50 0.00 0.00	35.06 0.00 0.00	26.48 0.00 0.00	30.31 0.00 0.00	35.37 0.00 0.00	34.40 0.00 0.00	60.70 0.00 0.00	64.75 0.00 0.00	69.38 0.00 0.00	38.96 0.00 0.00	25.46 0.00 0.00	26.49 0.00 0.00	24.73 0.00 0.00
NYPA_BRENTWD____GT 24164	63.16 0.55 -58.19	24.69 0.50 -19.98	40.55 2.70 -14.70	44.73 3.00 -14.88	33.70 3.24 -2.30	44.63 3.13 -15.83	26.03 1.00 -17.07	17.68 1.97 0.00	31.06 3.50 0.00	36.64 4.07 -2.48	60.64 4.30 -22.62	96.34 4.51 -55.32	58.81 4.42 -19.33	55.73 3.34 -25.91	72.65 3.98 -38.36	112.75 4.72 -72.66	139.85 4.41 -101.05	134.87 7.25 -66.92	93.81 7.62 -21.43	81.22 8.17 -3.67	49.03 4.92 -5.15	74.15 3.34 -45.36	89.85 3.51 -59.85	69.66 2.97 -41.96
NYPA_GOWANUS____GT5 24156	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.11 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NYPA_GOWANUS____GT6 24157	40.42 0.41 -35.60	19.48 0.35 -14.92	33.11 1.82 -8.14	41.75 1.99 -12.91	32.69 2.23 -2.30	43.30 2.18 -15.46	22.89 0.73 -14.19	17.18 1.47 0.00	30.24 2.67 0.00	33.24 3.14 0.00	38.28 3.49 -1.07	40.18 3.68 0.00	38.58 3.52 0.00	29.19 2.70 0.00	33.53 3.22 0.00	39.15 3.78 0.00	37.82 3.42 0.00	66.11 5.41 0.00	70.60 5.84 0.00	76.05 6.67 0.00	42.91 3.96 0.00	28.12 2.66 0.00	31.50 2.67 -2.35	26.91 2.18 0.00
NYPA_HARLEM__RVR__GT1 24160	40.42 0.41 -35.60	19.47 0.34 -14.92	33.05 1.75 -8.14	41.68 1.92 -12.91	32.60 2.14 -2.30	43.23 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.54 0.00	33.09 2.99 0.00	38.12 3.33 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.48 5.72 0.00	75.86 6.47 0.00	42.75 3.79 0.00	28.01 2.55 0.00	31.39 2.55 -2.35	26.80 2.07 0.00
NYPA_HARLEM__RVR__GT2 24161	40.42 0.41 -35.60	19.47 0.34 -14.92	33.05 1.75 -8.14	41.68 1.92 -12.91	32.60 2.14 -2.30	43.23 2.10 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.54 0.00	33.09 2.99 0.00	38.12 3.33 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.48 5.72 0.00	75.86 6.47 0.00	42.75 3.79 0.00	28.01 2.55 0.00	31.39 2.55 -2.35	26.80 2.07 0.00
NYPA_KENT____GT 24152	40.42 0.41 -35.60	19.47 0.35 -14.92	33.10 1.80 -8.14	41.72 1.95 -12.91	32.67 2.22 -2.30	43.28 2.16 -15.46	22.89 0.72 -14.19	17.16 1.46 0.00	30.21 2.65 0.00	33.21 3.10 0.00	38.25 3.46 -1.07	40.14 3.64 0.00	38.56 3.50 0.00	29.17 2.68 0.00	33.50 3.20 0.00	39.11 3.74 0.00	37.80 3.39 0.00	66.09 5.38 0.00	70.54 5.79 0.00	75.99 6.61 0.00	42.86 3.90 0.00	28.09 2.64 0.00	31.47 2.63 -2.35	26.89 2.16 0.00
NYPA_POUCH1____GT 24155	40.41 0.40 -35.60	19.47 0.34 -14.92	33.07 1.78 -8.14	41.72 1.95 -12.91	32.65 2.19 -2.30	43.26 2.13 -15.46	22.88 0.72 -14.19	17.15 1.44 0.00	30.18 2.62 0.00	33.18 3.08 0.00	38.20 3.41 -1.07	40.09 3.59 0.00	38.50 3.44 0.00	29.11 2.63 0.00	33.45 3.14 0.00	39.07 3.70 0.00	37.72 3.32 0.00	65.91 5.20 0.00	70.42 5.67 0.00	75.88 6.50 0.00	42.83 3.87 0.00	28.07 2.61 0.00	31.45 2.62 -2.35	26.87 2.14 0.00
NYPA_VERNON____GT2 24162	40.41 0.41 -35.60	19.47 0.34 -14.92	33.08 1.78 -8.14	41.69 1.92 -12.91	32.66 2.20 -2.30	43.26 2.14 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.20 2.64 0.00	33.18 3.07 0.00	38.21 3.42 -1.07	40.11 3.61 0.00	38.53 3.47 0.00	29.14 2.66 0.00	33.49 3.18 0.00	39.08 3.71 0.00	37.79 3.39 0.00	66.05 5.35 0.00	70.51 5.75 0.00	75.92 6.54 0.00	42.82 3.86 0.00	28.06 2.61 0.00	31.44 2.60 -2.35	26.86 2.13 0.00
NYPA_VERNON____GT3 24163	40.41 0.41 -35.60	19.47 0.34 -14.92	33.08 1.78 -8.14	41.69 1.92 -12.91	32.66 2.20 -2.30	43.26 2.14 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.20 2.64 0.00	33.18 3.07 0.00	38.21 3.42 -1.07	40.11 3.61 0.00	38.53 3.47 0.00	29.14 2.66 0.00	33.49 3.18 0.00	39.08 3.71 0.00	37.79 3.39 0.00	66.05 5.35 0.00	70.51 5.75 0.00	75.92 6.54 0.00	42.82 3.86 0.00	28.06 2.61 0.00	31.44 2.60 -2.35	26.86 2.13 0.00
NYPA__ASTORIA_CC1 323568	40.42 0.41 -35.60	19.47 0.34 -14.92	33.07 1.77 -8.14	41.67 1.90 -12.91	32.64 2.19 -2.30	43.25 2.13 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.18 2.62 0.00	33.17 3.07 0.00	38.19 3.40 -1.07	40.10 3.61 0.00	38.51 3.45 0.00	29.14 2.66 0.00	33.48 3.17 0.00	39.06 3.69 0.00	37.77 3.37 0.00	66.02 5.31 0.00	70.46 5.71 0.00	75.88 6.49 0.00	42.79 3.83 0.00	28.06 2.60 0.00	31.43 2.59 -2.35	26.85 2.11 0.00
NYPA__ASTORIA_CC2 323569	40.42 0.41 -35.60	19.47 0.34 -14.92	33.07 1.77 -8.14	41.67 1.90 -12.91	32.64 2.19 -2.30	43.25 2.13 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.18 2.62 0.00	33.17 3.07 0.00	38.19 3.40 -1.07	40.10 3.61 0.00	38.51 3.45 0.00	29.14 2.66 0.00	33.48 3.17 0.00	39.06 3.69 0.00	37.77 3.37 0.00	66.02 5.31 0.00	70.46 5.71 0.00	75.88 6.49 0.00	42.79 3.83 0.00	28.06 2.60 0.00	31.43 2.59 -2.35	26.85 2.11 0.00
NYPA__HOLTSVILL 23794	63.15 0.54 -58.19	24.67 0.49 -19.98	40.48 2.63 -14.70	44.67 2.94 -14.88	33.63 3.17 -2.30	44.57 3.07 -15.83	26.01 0.97 -17.07	17.62 1.92 0.00	30.93 3.37 0.00	36.51 3.93 -2.48	60.57 4.23 -22.62	96.23 4.41 -55.32	58.65 4.26 -19.33	55.57 3.18 -25.91	72.46 3.79 -38.36	112.54 4.51 -72.66	139.78 4.34 -101.05	134.78 7.16 -66.92	93.73 7.54 -21.43	81.14 8.09 -3.67	48.96 4.85 -5.15	74.00 3.19 -45.36	89.67 3.33 -59.85	69.50 2.81 -41.96



NYPA_____HELLGATE_GT1 24158	40.42 0.41 -35.60	19.47 0.34 -14.92	33.05 1.75 -8.14	41.68 1.92 -12.91	32.60 2.14 -2.30	43.23 2.11 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.54 0.00	33.09 2.99 0.00	38.12 3.33 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.48 5.72 0.00	75.86 6.47 0.00	42.75 3.79 0.00	28.01 2.55 0.00	31.39 2.55 -2.35	26.80 2.07 0.00
NYPA_____HELLGATE_GT2 24159	40.42 0.41 -35.60	19.47 0.34 -14.92	33.05 1.75 -8.14	41.68 1.92 -12.91	32.60 2.14 -2.30	43.23 2.11 -15.46	22.87 0.71 -14.19	17.11 1.41 0.00	30.10 2.54 0.00	33.09 2.99 0.00	38.12 3.33 -1.07	40.06 3.56 0.00	38.44 3.38 0.00	29.07 2.59 0.00	33.41 3.10 0.00	38.99 3.62 0.00	37.70 3.30 0.00	65.86 5.15 0.00	70.48 5.72 0.00	75.86 6.47 0.00	42.75 3.79 0.00	28.01 2.55 0.00	31.39 2.55 -2.35	26.80 2.07 0.00
NYS_BARGE____HYD 23848	9.35 -0.32 -5.26	6.15 -0.25 -2.20	22.60 -1.75 -1.20	26.99 -1.77 -1.91	27.04 -1.45 -0.34	26.72 -1.23 -2.28	9.64 -0.42 -2.10	14.78 -0.92 0.00	25.99 -1.57 0.00	28.28 -1.82 0.00	31.67 -2.21 -0.16	34.29 -2.21 0.00	33.15 -1.92 0.00	25.00 -1.49 0.00	28.43 -1.88 0.00	33.43 -1.94 0.00	32.75 -1.65 0.00	58.77 -1.93 0.00	62.56 -2.20 0.00	66.46 -2.92 0.00	37.14 -1.82 0.00	24.07 -1.39 0.00	25.10 -1.74 -0.35	23.02 -1.71 0.00
O.H_GEN_BRUCE 24063	10.00 -0.24 -5.82	6.45 -0.19 -2.44	23.15 -1.34 -1.33	27.65 -1.32 -2.11	-994.97 -1.05 1022.08	27.28 -0.91 -2.53	9.96 -0.33 -2.32	14.99 -0.72 0.00	26.37 -1.19 0.00	28.75 -1.35 0.00	32.21 -1.68 -0.17	34.85 -1.65 0.00	33.66 -1.40 0.00	25.35 -1.14 0.00	28.87 -1.44 0.00	33.86 -1.51 0.00	33.03 -1.37 0.00	58.98 -1.73 0.00	62.71 -2.05 0.00	66.79 -2.59 0.00	37.36 -1.60 0.00	24.32 -1.14 0.00	25.49 -1.39 -0.38	25.13 -1.36 -1.76
OAK ORCHARD____HYD 24046	8.60 -0.14 -4.33	5.91 -0.11 -1.82	23.32 -0.82 -0.99	27.61 -0.81 -1.57	27.82 -0.62 -0.28	27.00 -0.55 -1.88	9.52 -0.18 -1.73	15.33 -0.37 0.00	26.94 -0.63 0.00	29.38 -0.73 0.00	32.96 -0.89 -0.13	35.65 -0.84 0.00	34.38 -0.68 0.00	25.95 -0.53 0.00	29.60 -0.71 0.00	34.71 -0.67 0.00	33.96 -0.45 0.00	60.61 -0.09 0.00	64.55 -0.20 0.00	68.77 -0.61 0.00	38.46 -0.50 0.00	24.96 -0.49 0.00	26.04 -0.74 -0.29	24.00 -0.73 0.00
OCC_CHEM____DRP 24175	9.41 -0.44 -5.44	6.13 -0.35 -2.28	22.11 -2.29 -1.24	26.47 -2.36 -1.97	26.41 -2.10 -0.35	26.21 -1.81 -2.36	9.54 -0.59 -2.17	14.46 -1.25 0.00	25.41 -2.15 0.00	27.60 -2.50 0.00	30.90 -2.98 -0.16	33.43 -3.07 0.00	32.28 -2.78 0.00	24.35 -2.14 0.00	27.68 -2.63 0.00	32.55 -2.82 0.00	31.90 -2.50 0.00	57.30 -3.40 0.00	61.03 -3.73 0.00	64.80 -4.58 0.00	36.21 -2.75 0.00	23.45 -2.00 0.00	24.47 -2.37 -0.36	22.46 -2.27 0.00
OLIN_CORP_DRP 24177	9.46 -0.39 -5.44	6.17 -0.31 -2.28	22.33 -2.07 -1.24	26.70 -2.12 -1.97	26.70 -1.82 -0.35	26.45 -1.57 -2.36	9.61 -0.52 -2.17	14.56 -1.15 0.00	25.57 -1.99 0.00	27.79 -2.31 0.00	31.11 -2.78 -0.16	33.68 -2.82 0.00	32.57 -2.49 0.00	24.56 -1.93 0.00	27.91 -2.39 0.00	32.82 -2.55 0.00	32.14 -2.25 0.00	57.68 -3.03 0.00	61.42 -3.34 0.00	65.27 -4.12 0.00	36.48 -2.48 0.00	23.64 -1.81 0.00	24.67 -2.17 -0.36	22.63 -2.10 0.00
OLIN_CORP_DSASP 323712	9.41 -0.44 -5.44	6.13 -0.35 -2.28	22.11 -2.29 -1.24	26.47 -2.36 -1.97	26.41 -2.10 -0.35	26.21 -1.81 -2.36	9.54 -0.59 -2.17	14.46 -1.25 0.00	25.41 -2.15 0.00	27.60 -2.50 0.00	30.90 -2.98 -0.16	33.43 -3.07 0.00	32.28 -2.78 0.00	24.35 -2.14 0.00	27.68 -2.63 0.00	32.55 -2.82 0.00	31.90 -2.50 0.00	57.30 -3.40 0.00	61.03 -3.73 0.00	64.80 -4.58 0.00	36.21 -2.75 0.00	23.45 -2.00 0.00	24.47 -2.37 -0.36	22.46 -2.27 0.00
ONEIDA_HERK_LFGE 323681	4.51 0.10 0.00	4.29 0.08 0.00	23.63 0.48 0.00	27.41 0.56 0.00	28.74 0.57 0.00	26.15 0.49 0.00	8.13 0.16 0.00	16.04 0.34 0.00	28.21 0.65 0.00	30.82 0.72 0.00	34.57 0.85 0.00	37.46 0.96 0.00	36.00 0.94 0.00	27.16 0.68 0.00	31.10 0.80 0.00	36.32 0.95 0.00	35.42 1.02 0.00	62.57 1.87 0.00	66.62 1.86 0.00	71.28 1.90 0.00	39.95 0.99 0.00	26.04 0.59 0.00	27.01 0.52 0.00	25.21 0.48 0.00
ONONDAGA_REF_OCCRA 23987	8.24 0.03 -3.80	5.82 0.03 -1.59	24.13 0.11 -0.87	28.37 0.15 -1.38	28.57 0.17 -0.24	27.40 0.09 -1.65	9.50 0.02 -1.51	15.78 0.07 0.00	27.71 0.15 0.00	30.29 0.19 0.00	34.05 0.22 -0.11	36.76 0.26 0.00	35.36 0.30 0.00	26.70 0.21 0.00	30.55 0.24 0.00	35.71 0.34 0.00	34.79 0.39 0.00	61.50 0.80 0.00	65.50 0.74 0.00	70.14 0.76 0.00	39.32 0.35 0.00	25.65 0.20 0.00	26.88 0.14 -0.25	24.89 0.16 0.00
ONONDAGA____COGEN 23986	7.98 0.01 -3.56	5.71 0.01 -1.49	23.96 -0.01 -0.82	28.15 0.01 -1.29	28.40 0.01 -0.23	27.15 -0.06 -1.55	9.37 -0.02 -1.42	15.69 -0.01 0.00	27.55 -0.01 0.00	30.10 0.00 0.00	33.82 0.00 -0.11	36.52 0.03 0.00	35.12 0.06 0.00	26.52 0.03 0.00	30.34 0.03 0.00	35.46 0.09 0.00	34.57 0.17 0.00	61.12 0.42 0.00	65.08 0.33 0.00	69.68 0.30 0.00	39.06 0.10 0.00	25.48 0.03 0.00	26.69 -0.04 -0.23	24.74 0.01 0.00
ONTARIO____LFGE 23819	9.59 0.05 -5.13	6.39 0.04 -2.15	24.39 0.07 -1.17	28.83 0.11 -1.86	28.73 0.24 -0.33	28.11 0.22 -2.23	10.06 0.05 -2.05	15.85 0.14 0.00	27.94 0.38 0.00	30.62 0.51 0.00	34.42 0.55 -0.15	37.18 0.68 0.00	35.79 0.73 0.00	26.98 0.49 0.00	30.84 0.53 0.00	36.09 0.72 0.00	35.22 0.82 0.00	62.49 1.79 0.00	66.53 1.77 0.00	71.14 1.76 0.00	39.81 0.85 0.00	25.94 0.48 0.00	27.16 0.33 -0.34	24.95 0.21 0.00
ORANGEVILLE_WT_PWR 323706	10.79 -0.15 -6.53	6.83 -0.11 -2.74	23.71 -0.93 -1.49	28.15 -1.07 -2.37	27.77 -0.81 -0.42	27.86 -0.64 -2.83	10.34 -0.24 -2.60	15.28 -0.43 0.00	26.98 -0.59 0.00	29.52 -0.58 0.00	33.20 -0.72 -0.20	35.94 -0.56 0.00	34.72 -0.34 0.00	26.20 -0.28 0.00	29.81 -0.50 0.00	35.06 -0.31 0.00	34.27 -0.13 0.00	61.09 0.39 0.00	65.04 0.29 0.00	69.44 0.06 0.00	38.85 -0.11 0.00	25.30 -0.15 0.00	26.54 -0.38 -0.43	24.21 -0.52 0.00
OSWEGATCHIE____HYD 24044	4.36 -0.06 0.00	4.11 -0.09 0.00	22.85 -0.30 0.00	26.56 -0.29 0.00	27.75 -0.41 0.00	25.00 -0.66 0.00	7.77 -0.19 0.00	15.30 -0.41 0.00	26.82 -0.74 0.00	29.00 -1.09 0.00	32.53 -1.18 0.00	35.25 -1.25 0.00	33.86 -1.20 0.00	25.56 -0.92 0.00	29.24 -1.06 0.00	34.11 -1.26 0.00	33.28 -1.12 0.00	58.90 -1.80 0.00	62.80 -1.96 0.00	67.06 -2.32 0.00	37.60 -1.36 0.00	24.48 -0.97 0.00	25.44 -1.05 0.00	24.01 -0.72 0.00
OSWEGO____5 23606	6.91 -0.08 -2.57	5.21 -0.07 -1.08	23.32 -0.43 -0.59	27.31 -0.47 -0.93	27.83 -0.49 -0.17	26.24 -0.54 -1.12	8.82 -0.17 -1.03	15.38 -0.32 0.00	26.97 -0.59 0.00	29.44 -0.66 0.00	33.05 -0.75 -0.08	35.70 -0.80 0.00	34.33 -0.73 0.00	25.93 -0.56 0.00	29.66 -0.65 0.00	34.66 -0.71 0.00	33.76 -0.64 0.00	59.68 -1.03 0.00	63.59 -1.17 0.00	68.09 -1.30 0.00	38.18 -0.78 0.00	24.93 -0.53 0.00	26.08 -0.58 -0.17	24.27 -0.47 0.00



OSWEGO___6 23613	6.91 -0.08 -2.57	5.21 -0.07 -1.08	23.32 -0.43 -0.59	27.31 -0.47 -0.93	27.83 -0.49 -0.17	26.24 -0.54 -1.12	8.82 -0.17 -1.03	15.38 -0.32 0.00	26.97 -0.59 0.00	29.44 -0.66 0.00	33.05 -0.75 -0.08	35.70 -0.80 0.00	34.33 -0.73 0.00	25.93 -0.56 0.00	29.66 -0.65 0.00	34.66 -0.71 0.00	33.76 -0.64 0.00	59.68 -1.03 0.00	63.59 -1.17 0.00	68.09 -1.30 0.00	38.18 -0.78 0.00	24.93 -0.53 0.00	26.08 -0.58 -0.17	24.27 -0.47 0.00
OUTOKUMPU-AB___DRP 24206	9.64 -0.29 -5.51	6.30 -0.22 -2.31	22.87 -1.54 -1.26	27.33 -1.52 -2.00	27.30 -1.21 -0.36	27.04 -1.01 -2.39	9.82 -0.34 -2.19	14.94 -0.76 0.00	26.30 -1.27 0.00	28.63 -1.47 0.00	32.07 -1.82 -0.17	34.71 -1.79 0.00	33.56 -1.50 0.00	25.30 -1.18 0.00	28.78 -1.53 0.00	33.85 -1.52 0.00	33.16 -1.24 0.00	59.51 -1.19 0.00	63.35 -1.41 0.00	67.30 -2.08 0.00	37.60 -1.36 0.00	24.38 -1.07 0.00	25.45 -1.40 -0.36	23.33 -1.41 0.00
OXBOW___ 24026	9.53 -0.36 -5.47	6.22 -0.28 -2.30	22.53 -1.88 -1.25	26.94 -1.90 -1.99	26.90 -1.62 -0.35	26.66 -1.38 -2.38	9.70 -0.46 -2.18	14.73 -0.98 0.00	25.90 -1.66 0.00	28.17 -1.93 0.00	31.55 -2.34 -0.16	34.14 -2.36 0.00	32.98 -2.08 0.00	24.87 -1.61 0.00	28.29 -2.02 0.00	33.27 -2.10 0.00	32.61 -1.79 0.00	58.56 -2.15 0.00	62.34 -2.42 0.00	66.24 -3.14 0.00	36.99 -1.97 0.00	23.97 -1.48 0.00	25.02 -1.83 -0.36	22.93 -1.80 0.00
OXY_CHEM_DSASP 323612	9.41 -0.44 -5.44	6.13 -0.35 -2.28	22.11 -2.29 -1.24	26.47 -2.36 -1.97	26.41 -2.10 -0.35	26.21 -1.81 -2.36	9.54 -0.59 -2.17	14.46 -1.25 0.00	25.41 -2.15 0.00	27.60 -2.50 0.00	30.90 -2.98 -0.16	33.43 -3.07 0.00	32.28 -2.78 0.00	24.35 -2.14 0.00	27.68 -2.63 0.00	32.55 -2.82 0.00	31.90 -2.50 0.00	57.30 -3.40 0.00	61.03 -3.73 0.00	64.80 -4.58 0.00	36.21 -2.75 0.00	23.45 -2.00 0.00	24.47 -2.37 -0.36	22.46 -2.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	9.41 -0.44 -5.44	6.13 -0.35 -2.28	22.11 -2.29 -1.24	26.47 -2.36 -1.97	26.41 -2.10 -0.35	26.21 -1.81 -2.36	9.54 -0.59 -2.17	14.46 -1.25 0.00	25.41 -2.15 0.00	27.60 -2.50 0.00	30.90 -2.98 -0.16	33.43 -3.07 0.00	32.28 -2.78 0.00	24.35 -2.14 0.00	27.68 -2.63 0.00	32.55 -2.82 0.00	31.90 -2.50 0.00	57.30 -3.40 0.00	61.03 -3.73 0.00	64.80 -4.58 0.00	36.21 -2.75 0.00	23.45 -2.00 0.00	24.47 -2.37 -0.36	22.46 -2.27 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.42 0.41 -35.60	19.46 0.33 -14.92	33.02 1.73 -8.14	41.65 1.89 -12.91	32.58 2.12 -2.30	43.21 2.09 -15.46	22.87 0.70 -14.19	17.10 1.40 0.00	30.09 2.53 0.00	33.07 2.97 0.00	38.10 3.31 -1.07	40.04 3.54 0.00	38.40 3.34 0.00	29.05 2.57 0.00	33.38 3.07 0.00	38.96 3.59 0.00	37.67 3.27 0.00	65.90 5.20 0.00	70.45 5.69 0.00	75.78 6.40 0.00	42.73 3.77 0.00	27.99 2.53 0.00	31.36 2.52 -2.35	26.78 2.05 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.42 0.41 -35.60	19.46 0.33 -14.92	32.99 1.70 -8.14	41.61 1.85 -12.91	32.55 2.09 -2.30	43.17 2.05 -15.46	22.86 0.70 -14.19	17.09 1.39 0.00	30.08 2.52 0.00	33.01 2.91 0.00	38.06 3.27 -1.07	40.02 3.52 0.00	38.40 3.33 0.00	29.04 2.56 0.00	33.37 3.07 0.00	38.94 3.57 0.00	37.67 3.27 0.00	65.91 5.20 0.00	70.47 5.71 0.00	75.84 6.46 0.00	42.74 3.79 0.00	28.00 2.54 0.00	31.36 2.53 -2.35	26.77 2.04 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	10.37 -0.03 -5.98	6.71 0.00 -2.51	24.23 -0.30 -1.37	28.88 -0.14 -2.17	28.66 0.11 -0.39	28.41 0.15 -2.60	10.34 -0.01 -2.39	15.67 -0.04 0.00	27.63 0.08 0.00	30.24 0.14 0.00	33.92 0.02 -0.18	36.73 0.23 0.00	35.48 0.42 0.00	26.71 0.22 0.00	30.46 0.15 0.00	35.71 0.34 0.00	34.80 0.40 0.00	62.07 1.37 0.00	65.93 1.17 0.00	70.28 0.89 0.00	39.29 0.33 0.00	25.64 0.18 0.00	26.85 -0.03 -0.39	24.56 -0.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.54 0.39 -36.73	19.95 0.35 -15.40	33.39 1.84 -8.40	42.22 2.04 -13.32	32.78 2.25 -2.37	43.79 2.18 -15.95	23.32 0.71 -14.64	17.13 1.42 0.00	30.19 2.63 0.00	33.19 3.08 0.00	38.27 3.44 -1.10	40.13 3.63 0.00	38.56 3.50 0.00	29.14 2.66 0.00	33.47 3.16 0.00	39.09 3.72 0.00	37.94 3.54 0.00	66.64 5.94 0.00	71.02 6.26 0.00	76.33 6.95 0.00	42.94 3.98 0.00	28.09 2.64 0.00	31.54 2.63 -2.42	26.87 2.14 0.00
PEEKSKILL___ 23653	40.03 0.32 -35.29	19.28 0.28 -14.80	32.71 1.49 -8.07	41.28 1.63 -12.80	32.26 1.83 -2.28	42.77 1.78 -15.33	22.63 0.59 -14.07	16.89 1.18 0.00	29.75 2.18 0.00	32.68 2.57 0.00	37.63 2.85 -1.06	39.46 2.96 0.00	37.93 2.87 0.00	28.69 2.20 0.00	32.95 2.64 0.00	38.47 3.10 0.00	37.28 2.88 0.00	65.36 4.66 0.00	69.65 4.89 0.00	74.93 5.55 0.00	42.20 3.24 0.00	27.64 2.18 0.00	31.00 2.19 -2.33	26.49 1.76 0.00
PGE MADISON___WINDPWR 24146	15.87 0.41 -11.04	9.21 0.38 -4.63	27.70 2.02 -2.53	33.29 2.43 -4.01	31.40 2.53 -0.71	32.83 2.37 -4.80	13.13 0.76 -4.40	17.27 1.56 0.00	30.53 2.97 0.00	33.46 3.37 0.00	37.80 3.75 -0.33	40.65 4.15 0.00	39.08 4.02 0.00	29.45 2.97 0.00	33.69 3.38 0.00	39.38 4.01 0.00	38.48 4.08 0.00	68.17 7.47 0.00	72.54 7.79 0.00	77.55 8.17 0.00	43.38 4.42 0.00	28.22 2.76 0.00	29.88 2.66 -0.73	27.03 2.30 0.00
PIERCEFIELD___HYD 23852	4.30 -0.11 0.00	4.04 -0.16 0.00	22.65 -0.51 0.00	26.37 -0.48 0.00	27.48 -0.68 0.00	24.59 -1.07 0.00	7.65 -0.32 0.00	15.00 -0.70 0.00	26.26 -1.30 0.00	28.14 -1.96 0.00	31.55 -2.17 0.00	34.14 -2.36 0.00	32.74 -2.32 0.00	24.72 -1.76 0.00	28.25 -2.06 0.00	32.91 -2.46 0.00	32.08 -2.33 0.00	56.86 -3.85 0.00	60.76 -4.00 0.00	64.78 -4.60 0.00	36.38 -2.58 0.00	23.67 -1.79 0.00	24.66 -1.83 0.00	23.52 -1.22 0.00
PINELAWN_CC_1 323563	63.12 0.51 -58.19	24.65 0.47 -19.98	40.35 2.49 -14.70	44.50 2.77 -14.88	33.46 3.00 -2.30	44.40 2.91 -15.83	25.97 0.93 -17.07	17.56 1.85 0.00	30.86 3.29 0.00	36.42 3.84 -2.48	60.48 4.14 -22.62	96.14 4.32 -55.32	58.57 4.18 -19.33	55.52 3.13 -25.91	72.41 3.74 -38.36	112.46 4.42 -72.66	139.66 4.21 -101.05	134.54 6.92 -66.92	93.51 7.32 -21.43	80.99 7.94 -3.67	48.85 4.74 -5.15	73.96 3.15 -45.36	89.63 3.29 -59.85	69.45 2.76 -41.96
PJM_GEN_HTP_PROXY 323702	40.38 0.37 -35.59	19.46 0.33 -14.92	33.04 1.75 -8.14	41.64 1.88 -12.91	32.60 2.14 -2.30	43.21 2.08 -15.46	22.85 0.69 -14.19	17.10 1.40 0.00	30.12 2.56 0.00	33.10 2.99 0.00	38.12 3.33 -1.07	39.97 3.47 0.00	38.41 3.35 0.00	29.06 2.58 0.00	33.41 3.10 0.00	38.98 3.61 0.00	37.71 3.31 0.00	66.00 5.30 0.00	70.29 5.54 0.00	75.75 6.37 0.00	42.67 3.72 0.00	27.96 2.51 0.00	31.36 2.52 -2.35	26.98 2.06 -0.19
PJM_GEN_KEystone 24065	25.15 0.15 -20.59	12.97 0.14 -8.63	28.49 0.63 -4.71	35.10 0.78 -7.47	30.44 0.96 -1.33	35.52 0.91 -8.94	16.44 0.26 -8.21	16.23 0.53 0.00	28.63 1.06 0.00	31.42 1.32 0.00	35.72 1.38 -0.62	38.02 1.52 0.00	36.59 1.53 0.00	27.58 1.10 0.00	31.60 1.29 0.00	36.92 1.56 0.00	35.78 1.38 0.00	63.04 2.34 0.00	66.97 2.22 0.00	71.85 2.47 0.00	40.34 1.38 0.00	26.44 0.99 0.00	28.81 0.96 -1.36	25.63 0.71 -0.19



PJM_GEN_NEPTUNE_PROXY 323594	63.07 0.46 -58.19	24.60 0.42 -19.98	40.10 2.24 -14.70	44.21 2.49 -14.88	33.17 2.71 -2.30	44.12 2.63 -15.83	25.88 0.85 -17.07	17.39 1.68 0.00	30.59 3.03 0.00	36.11 3.54 -2.48	60.19 3.85 -22.62	95.82 4.01 -55.32	58.28 3.89 -19.33	55.31 2.92 -25.91	72.15 3.47 -38.36	112.07 4.04 -72.66	139.24 3.79 -101.05	133.81 6.19 -66.92	92.76 6.57 -21.43	80.23 7.18 -3.67	48.42 4.30 -5.15	73.68 2.87 -45.36	89.32 2.98 -59.85	69.38 2.50 -42.15
PJM_GEN_VFT_PROXY 323633	40.37 0.36 -35.59	19.44 0.32 -14.92	32.96 1.66 -8.14	41.54 1.78 -12.91	32.49 2.04 -2.30	43.10 1.98 -15.46	22.82 0.66 -14.19	17.07 1.36 0.00	30.05 2.48 0.00	33.01 2.91 0.00	38.01 3.22 -1.07	39.85 3.35 0.00	38.30 3.24 0.00	28.98 2.49 0.00	33.30 2.99 0.00	38.87 3.50 0.00	37.57 3.17 0.00	65.68 4.98 0.00	69.99 5.24 0.00	75.42 6.04 0.00	42.52 3.56 0.00	27.88 2.42 0.00	31.27 2.44 -2.35	26.90 1.97 -0.19
PLEASANTVLY___LBMP 24000	41.91 0.33 -37.17	20.08 0.29 -15.58	33.21 1.55 -8.50	42.05 1.71 -13.48	32.46 1.90 -2.40	43.67 1.86 -16.15	23.39 0.60 -14.82	16.90 1.19 0.00	29.76 2.19 0.00	32.69 2.59 0.00	37.73 2.89 -1.12	39.52 3.03 0.00	37.99 2.93 0.00	28.71 2.23 0.00	32.97 2.66 0.00	38.49 3.12 0.00	37.32 2.92 0.00	65.48 4.77 0.00	69.78 5.03 0.00	75.03 5.65 0.00	42.23 3.27 0.00	27.66 2.20 0.00	31.17 2.23 -2.45	26.54 1.81 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.99 0.35 -36.23	19.70 0.31 -15.19	33.08 1.64 -8.28	41.79 1.79 -13.14	32.51 2.01 -2.34	43.35 1.95 -15.74	23.05 0.63 -14.44	16.97 1.27 0.00	29.90 2.34 0.00	32.85 2.75 0.00	37.87 3.06 -1.09	39.71 3.21 0.00	38.17 3.11 0.00	28.85 2.37 0.00	33.14 2.83 0.00	38.68 3.32 0.00	37.51 3.11 0.00	65.78 5.07 0.00	70.12 5.36 0.00	75.43 6.05 0.00	42.45 3.49 0.00	27.81 2.35 0.00	31.24 2.36 -2.39	26.65 1.92 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.85 0.37 -38.06	20.49 0.33 -15.96	33.62 1.76 -8.70	42.61 1.96 -13.80	32.78 2.16 -2.46	44.30 2.11 -16.53	23.82 0.68 -15.17	17.06 1.35 0.00	30.06 2.50 0.00	33.04 2.93 0.00	38.15 3.28 -1.14	39.95 3.46 0.00	38.41 3.35 0.00	29.02 2.54 0.00	33.32 3.01 0.00	38.91 3.54 0.00	37.78 3.38 0.00	66.33 5.62 0.00	70.67 5.91 0.00	75.93 6.55 0.00	42.72 3.76 0.00	27.96 2.50 0.00	31.51 2.51 -2.51	26.79 2.05 0.00
POLETTI____ 23519	40.37 0.37 -35.59	19.45 0.33 -14.92	32.99 1.70 -8.14	41.55 1.79 -12.91	32.56 2.10 -2.30	43.15 2.03 -15.46	22.84 0.68 -14.19	17.09 1.38 0.00	30.09 2.53 0.00	33.07 2.96 0.00	38.07 3.28 -1.07	39.90 3.41 0.00	38.37 3.31 0.00	29.04 2.55 0.00	33.38 3.07 0.00	38.93 3.56 0.00	37.64 3.24 0.00	65.76 5.05 0.00	70.05 5.29 0.00	75.55 6.17 0.00	42.58 3.62 0.00	27.94 2.48 0.00	31.33 2.50 -2.35	26.75 2.01 0.00
PORT_JEFF_3 23555	63.16 0.55 -58.19	24.68 0.50 -19.98	40.53 2.68 -14.70	44.72 2.99 -14.88	33.68 3.22 -2.30	44.61 3.12 -15.83	26.02 0.99 -17.07	17.66 1.95 0.00	31.01 3.45 0.00	36.60 4.02 -2.48	60.67 4.33 -22.62	96.34 4.53 -55.32	58.76 4.37 -19.33	55.65 3.26 -25.91	72.57 3.89 -38.36	112.67 4.63 -72.66	139.92 4.47 -101.05	135.03 7.40 -66.92	94.00 7.81 -21.43	81.42 8.37 -3.67	49.11 5.00 -5.15	74.09 3.28 -45.36	89.75 3.41 -59.85	69.58 2.89 -41.96
PORT_JEFF_4 23616	63.16 0.55 -58.19	24.68 0.50 -19.98	40.53 2.68 -14.70	44.72 2.99 -14.88	33.68 3.22 -2.30	44.61 3.12 -15.83	26.02 0.99 -17.07	17.66 1.95 0.00	31.01 3.45 0.00	36.60 4.02 -2.48	60.67 4.33 -22.62	96.34 4.53 -55.32	58.76 4.37 -19.33	55.65 3.26 -25.91	72.57 3.89 -38.36	112.67 4.63 -72.66	139.92 4.47 -101.05	135.03 7.40 -66.92	94.00 7.81 -21.43	81.42 8.37 -3.67	49.11 5.00 -5.15	74.09 3.28 -45.36	89.75 3.41 -59.85	69.58 2.89 -41.96
PORT_JEFF_IC 23713	63.17 0.56 -58.19	24.69 0.51 -19.98	40.58 2.73 -14.70	44.77 3.05 -14.88	33.74 3.28 -2.30	44.68 3.19 -15.83	26.04 1.01 -17.07	17.70 1.99 0.00	31.07 3.51 0.00	36.69 4.11 -2.48	60.77 4.43 -22.62	96.46 4.64 -55.32	58.87 4.48 -19.33	55.74 3.35 -25.91	72.66 3.99 -38.36	112.79 4.76 -72.66	140.06 4.61 -101.05	135.31 7.68 -66.92	94.27 8.08 -21.43	81.71 8.66 -3.67	49.27 5.16 -5.15	74.18 3.37 -45.36	89.84 3.49 -59.85	69.65 2.96 -41.96
PPL PILGRIM_ST_GT1 24216	63.16 0.55 -58.19	24.69 0.50 -19.98	40.55 2.70 -14.70	44.73 3.00 -14.88	33.70 3.24 -2.30	44.63 3.13 -15.83	26.03 1.00 -17.07	17.68 1.97 0.00	31.06 3.50 0.00	36.64 4.07 -2.48	60.64 4.30 -22.62	96.34 4.51 -55.32	58.81 4.42 -19.33	55.73 3.34 -25.91	72.65 3.98 -38.36	112.75 4.72 -72.66	139.85 4.41 -101.05	134.87 7.25 -66.92	93.81 7.62 -21.43	81.22 8.17 -3.67	49.03 4.92 -5.15	74.15 3.34 -45.36	89.85 3.51 -59.85	69.66 2.97 -41.96
PPL PILGRIM_ST_GT2 24217	63.16 0.55 -58.19	24.69 0.50 -19.98	40.55 2.70 -14.70	44.73 3.00 -14.88	33.70 3.24 -2.30	44.63 3.13 -15.83	26.03 1.00 -17.07	17.68 1.97 0.00	31.06 3.50 0.00	36.64 4.07 -2.48	60.64 4.30 -22.62	96.34 4.51 -55.32	58.81 4.42 -19.33	55.73 3.34 -25.91	72.65 3.98 -38.36	112.75 4.72 -72.66	139.85 4.41 -101.05	134.87 7.25 -66.92	93.81 7.62 -21.43	81.22 8.17 -3.67	49.03 4.92 -5.15	74.15 3.34 -45.36	89.85 3.51 -59.85	69.66 2.97 -41.96
PPL_SHRM_GT3 24213	63.17 0.56 -58.19	24.69 0.51 -19.98	40.57 2.72 -14.70	44.76 3.04 -14.88	33.73 3.28 -2.30	44.67 3.18 -15.83	26.04 1.00 -17.07	17.68 1.98 0.00	31.05 3.48 0.00	36.64 4.07 -2.48	60.71 4.37 -22.62	96.37 4.55 -55.32	58.77 4.38 -19.33	55.65 3.26 -25.91	72.57 3.90 -38.36	112.70 4.67 -72.66	140.03 4.58 -101.05	135.31 7.69 -66.92	94.28 8.09 -21.43	81.70 8.65 -3.67	49.26 5.14 -5.15	74.16 3.35 -45.36	89.80 3.46 -59.85	69.62 2.93 -41.96
PPL_SHRM_GT4 24214	63.17 0.56 -58.19	24.69 0.51 -19.98	40.57 2.72 -14.70	44.76 3.04 -14.88	33.73 3.28 -2.30	44.67 3.18 -15.83	26.04 1.00 -17.07	17.68 1.98 0.00	31.05 3.48 0.00	36.64 4.07 -2.48	60.71 4.37 -22.62	96.37 4.55 -55.32	58.77 4.38 -19.33	55.65 3.26 -25.91	72.57 3.90 -38.36	112.70 4.67 -72.66	140.03 4.58 -101.05	135.31 7.69 -66.92	94.28 8.09 -21.43	81.70 8.65 -3.67	49.26 5.14 -5.15	74.16 3.35 -45.36	89.80 3.46 -59.85	69.62 2.93 -41.96
PROJECT___ORANGE 1 24174	7.56 0.00 -3.15	5.52 0.00 -1.32	23.80 -0.08 -0.72	27.93 -0.07 -1.14	28.31 -0.06 -0.20	26.91 -0.13 -1.37	9.18 -0.05 -1.26	15.64 -0.06 0.00	27.46 -0.11 0.00	29.99 -0.11 0.00	33.69 -0.12 -0.09	36.39 -0.10 0.00	35.00 -0.05 0.00	26.43 -0.05 0.00	30.24 -0.06 0.00	35.35 -0.02 0.00	34.46 0.05 0.00	60.92 0.22 0.00	64.86 0.10 0.00	69.45 0.06 0.00	38.93 -0.04 0.00	25.40 -0.06 0.00	26.58 -0.12 -0.21	24.67 -0.07 0.00
PROJECT___ORANGE 2 24166	7.56 0.00 -3.15	5.52 0.00 -1.32	23.80 -0.08 -0.72	27.93 -0.07 -1.14	28.31 -0.06 -0.20	26.91 -0.13 -1.37	9.18 -0.05 -1.26	15.64 -0.06 0.00	27.46 -0.11 0.00	29.99 -0.11 0.00	33.69 -0.12 -0.09	36.39 -0.10 0.00	35.00 -0.05 0.00	26.43 -0.05 0.00	30.24 -0.06 0.00	35.35 -0.02 0.00	34.46 0.05 0.00	60.92 0.22 0.00	64.86 0.10 0.00	69.45 0.06 0.00	38.93 -0.04 0.00	25.40 -0.06 0.00	26.58 -0.12 -0.21	24.67 -0.07 0.00



PYRITES___HYD 24023	4.33 -0.08 0.00	4.07 -0.13 0.00	22.79 -0.36 0.00	26.52 -0.33 0.00	27.64 -0.52 0.00	24.79 -0.87 0.00	7.73 -0.24 0.00	15.20 -0.51 0.00	26.63 -0.93 0.00	28.58 -1.52 0.00	32.05 -1.67 0.00	34.68 -1.82 0.00	33.26 -1.81 0.00	25.11 -1.38 0.00	28.70 -1.61 0.00	33.42 -1.94 0.00	32.60 -1.80 0.00	57.85 -2.85 0.00	61.83 -2.93 0.00	65.88 -3.50 0.00	36.98 -1.98 0.00	24.03 -1.42 0.00	25.03 -1.46 0.00	23.82 -0.92 0.00
RAMAPO___LBMP 323565	39.08 0.30 -34.36	18.88 0.27 -14.41	32.41 1.40 -7.86	40.86 1.55 -12.46	32.10 1.73 -2.22	42.28 1.69 -14.93	22.23 0.56 -13.70	16.82 1.12 0.00	29.63 2.07 0.00	32.56 2.45 0.00	37.45 2.70 -1.03	39.29 2.79 0.00	37.76 2.70 0.00	28.54 2.06 0.00	32.79 2.48 0.00	38.29 2.92 0.00	37.10 2.70 0.00	65.09 4.39 0.00	69.36 4.60 0.00	74.61 5.23 0.00	42.01 3.05 0.00	27.51 2.05 0.00	30.81 2.06 -2.26	26.38 1.65 0.00
RANKINE___ 23646	10.07 -0.17 -5.83	6.52 -0.13 -2.44	23.46 -1.03 -1.33	27.99 -0.97 -2.12	27.86 -0.68 -0.38	27.65 -0.54 -2.53	10.08 -0.21 -2.33	15.25 -0.46 0.00	26.85 -0.71 0.00	29.30 -0.80 0.00	32.87 -1.03 -0.17	35.59 -0.91 0.00	34.39 -0.67 0.00	25.92 -0.56 0.00	29.51 -0.80 0.00	34.67 -0.70 0.00	33.89 -0.51 0.00	60.66 -0.04 0.00	64.53 -0.22 0.00	68.67 -0.71 0.00	38.39 -0.57 0.00	24.95 -0.50 0.00	26.09 -0.78 -0.38	23.88 -0.85 0.00
RAVENSWOOD_GT2_1 24244	40.39 0.38 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.65 1.89 -12.91	32.60 2.15 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.10 1.40 0.00	30.11 2.55 0.00	33.10 2.99 0.00	38.11 3.33 -1.07	39.97 3.48 0.00	38.42 3.36 0.00	29.06 2.58 0.00	33.40 3.09 0.00	38.97 3.60 0.00	37.72 3.32 0.00	66.01 5.30 0.00	70.36 5.60 0.00	75.78 6.40 0.00	42.71 3.75 0.00	27.99 2.53 0.00	31.38 2.54 -2.35	26.80 2.07 0.00
RAVENSWOOD_GT2_2 24245	40.39 0.38 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.65 1.89 -12.91	32.60 2.15 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.10 1.40 0.00	30.11 2.55 0.00	33.10 2.99 0.00	38.11 3.33 -1.07	39.97 3.48 0.00	38.42 3.36 0.00	29.06 2.58 0.00	33.40 3.09 0.00	38.97 3.60 0.00	37.72 3.32 0.00	66.01 5.30 0.00	70.36 5.60 0.00	75.78 6.40 0.00	42.71 3.75 0.00	27.99 2.53 0.00	31.38 2.54 -2.35	26.80 2.07 0.00
RAVENSWOOD_GT2_3 24246	40.39 0.38 -35.60	19.46 0.34 -14.92	33.06 1.77 -8.14	41.67 1.91 -12.91	32.62 2.16 -2.30	43.22 2.10 -15.46	22.85 0.69 -14.19	17.11 1.40 0.00	30.14 2.57 0.00	33.12 3.02 0.00	38.14 3.35 -1.07	40.00 3.50 0.00	38.45 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.75 3.35 0.00	66.06 5.36 0.00	70.40 5.64 0.00	75.85 6.46 0.00	42.73 3.77 0.00	28.00 2.55 0.00	31.40 2.56 -2.35	26.82 2.09 0.00
RAVENSWOOD_GT2_4 24247	40.39 0.38 -35.60	19.46 0.34 -14.92	33.06 1.77 -8.14	41.67 1.91 -12.91	32.62 2.16 -2.30	43.22 2.10 -15.46	22.85 0.69 -14.19	17.11 1.40 0.00	30.14 2.57 0.00	33.12 3.02 0.00	38.14 3.35 -1.07	40.00 3.50 0.00	38.45 3.38 0.00	29.08 2.60 0.00	33.42 3.11 0.00	39.00 3.64 0.00	37.75 3.35 0.00	66.06 5.36 0.00	70.40 5.64 0.00	75.85 6.46 0.00	42.73 3.77 0.00	28.00 2.55 0.00	31.40 2.56 -2.35	26.82 2.09 0.00
RAVENSWOOD_GT3_1 24248	40.38 0.37 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.67 1.91 -12.91	32.63 2.17 -2.30	43.22 2.10 -15.46	22.86 0.70 -14.19	17.12 1.42 0.00	30.16 2.60 0.00	33.15 3.04 0.00	38.17 3.38 -1.07	40.02 3.52 0.00	38.47 3.41 0.00	29.11 2.63 0.00	33.45 3.14 0.00	39.04 3.67 0.00	37.73 3.33 0.00	66.01 5.30 0.00	70.34 5.58 0.00	75.78 6.39 0.00	42.69 3.73 0.00	27.98 2.53 0.00	31.38 2.54 -2.35	26.80 2.06 0.00
RAVENSWOOD_GT3_2 24249	40.38 0.37 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.67 1.91 -12.91	32.63 2.17 -2.30	43.22 2.10 -15.46	22.86 0.70 -14.19	17.12 1.42 0.00	30.16 2.60 0.00	33.15 3.04 0.00	38.17 3.38 -1.07	40.02 3.52 0.00	38.47 3.41 0.00	29.11 2.63 0.00	33.45 3.14 0.00	39.04 3.67 0.00	37.73 3.33 0.00	66.01 5.30 0.00	70.34 5.58 0.00	75.78 6.39 0.00	42.69 3.73 0.00	27.98 2.53 0.00	31.38 2.54 -2.35	26.80 2.06 0.00
RAVENSWOOD_GT3_3 24250	40.39 0.38 -35.60	19.46 0.34 -14.92	33.07 1.77 -8.14	41.70 1.94 -12.91	32.66 2.20 -2.30	43.25 2.13 -15.46	22.87 0.71 -14.19	17.14 1.43 0.00	30.19 2.63 0.00	33.18 3.07 0.00	38.21 3.42 -1.07	40.07 3.57 0.00	38.52 3.46 0.00	29.14 2.66 0.00	33.49 3.18 0.00	39.07 3.71 0.00	37.78 3.38 0.00	66.10 5.39 0.00	70.42 5.67 0.00	75.89 6.51 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.41 2.58 -2.35	26.83 2.10 0.00
RAVENSWOOD_GT3_4 24251	40.39 0.38 -35.60	19.46 0.34 -14.92	33.07 1.77 -8.14	41.70 1.94 -12.91	32.66 2.20 -2.30	43.25 2.13 -15.46	22.87 0.71 -14.19	17.14 1.43 0.00	30.19 2.63 0.00	33.18 3.07 0.00	38.21 3.42 -1.07	40.07 3.57 0.00	38.52 3.46 0.00	29.14 2.66 0.00	33.49 3.18 0.00	39.07 3.71 0.00	37.78 3.38 0.00	66.10 5.39 0.00	70.42 5.67 0.00	75.89 6.51 0.00	42.76 3.80 0.00	28.02 2.56 0.00	31.41 2.58 -2.35	26.83 2.10 0.00
RAVENSWOOD_GT_1 23729	40.41 0.41 -35.60	19.47 0.34 -14.92	33.08 1.78 -8.14	41.69 1.92 -12.91	32.66 2.20 -2.30	43.26 2.14 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.20 2.64 0.00	33.18 3.07 0.00	38.21 3.42 -1.07	40.11 3.61 0.00	38.53 3.47 0.00	29.14 2.66 0.00	33.49 3.18 0.00	39.08 3.71 0.00	37.79 3.39 0.00	66.05 5.35 0.00	70.51 5.75 0.00	75.92 6.54 0.00	42.82 3.86 0.00	28.06 2.61 0.00	31.44 2.60 -2.35	26.86 2.13 0.00
RAVENSWOOD_GT_10 24258	40.39 0.38 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.65 1.89 -12.91	32.60 2.15 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.10 1.40 0.00	30.11 2.55 0.00	33.10 2.99 0.00	38.11 3.33 -1.07	39.97 3.47 0.00	38.42 3.36 0.00	29.06 2.58 0.00	33.40 3.09 0.00	38.97 3.60 0.00	37.73 3.32 0.00	66.01 5.30 0.00	70.36 5.60 0.00	75.78 6.40 0.00	42.71 3.75 0.00	27.99 2.53 0.00	31.38 2.55 -2.35	26.80 2.07 0.00
RAVENSWOOD_GT_11 24259	40.39 0.38 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.65 1.89 -12.91	32.60 2.15 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.10 1.40 0.00	30.11 2.55 0.00	33.10 2.99 0.00	38.11 3.33 -1.07	39.97 3.47 0.00	38.42 3.36 0.00	29.06 2.58 0.00	33.40 3.09 0.00	38.97 3.60 0.00	37.73 3.32 0.00	66.01 5.30 0.00	70.36 5.60 0.00	75.78 6.40 0.00	42.71 3.75 0.00	27.99 2.53 0.00	31.38 2.55 -2.35	26.80 2.07 0.00
RAVENSWOOD_GT_4 24252	40.38 0.37 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.67 1.91 -12.91	32.63 2.17 -2.30	43.22 2.10 -15.46	22.86 0.70 -14.19	17.12 1.42 0.00	30.16 2.60 0.00	33.15 3.04 0.00	38.17 3.39 -1.07	40.02 3.52 0.00	38.47 3.41 0.00	29.11 2.63 0.00	33.45 3.14 0.00	39.04 3.67 0.00	37.73 3.33 0.00	66.01 5.31 0.00	70.34 5.58 0.00	75.78 6.39 0.00	42.69 3.73 0.00	27.99 2.53 0.00	31.38 2.54 -2.35	26.80 2.07 0.00



RAVENSWOOD_GT_5 24254	40.38 0.37 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.67 1.91 -12.91	32.63 2.17 -2.30	43.22 2.10 -15.46	22.86 0.70 -14.19	17.12 1.42 0.00	30.16 2.60 0.00	33.15 3.04 0.00	38.17 3.39 -1.07	40.02 3.52 0.00	38.47 3.41 0.00	29.11 2.63 0.00	33.45 3.14 0.00	39.04 3.67 0.00	37.73 3.33 0.00	66.01 5.31 0.00	70.34 5.58 0.00	75.78 6.39 0.00	42.69 3.73 0.00	27.99 2.53 0.00	31.38 2.54 -2.35	26.80 2.07 0.00
RAVENSWOOD_GT_6 24253	40.38 0.37 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.67 1.91 -12.91	32.63 2.17 -2.30	43.22 2.10 -15.46	22.86 0.70 -14.19	17.12 1.42 0.00	30.16 2.60 0.00	33.15 3.04 0.00	38.17 3.39 -1.07	40.02 3.52 0.00	38.47 3.41 0.00	29.11 2.63 0.00	33.45 3.14 0.00	39.04 3.67 0.00	37.73 3.33 0.00	66.01 5.31 0.00	70.34 5.58 0.00	75.78 6.39 0.00	42.69 3.73 0.00	27.99 2.53 0.00	31.38 2.54 -2.35	26.80 2.07 0.00
RAVENSWOOD_GT_7 24255	40.38 0.37 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.67 1.91 -12.91	32.63 2.17 -2.30	43.22 2.10 -15.46	22.86 0.70 -14.19	17.12 1.42 0.00	30.16 2.60 0.00	33.15 3.04 0.00	38.17 3.39 -1.07	40.02 3.52 0.00	38.47 3.41 0.00	29.11 2.63 0.00	33.45 3.14 0.00	39.04 3.67 0.00	37.73 3.33 0.00	66.01 5.31 0.00	70.34 5.58 0.00	75.78 6.39 0.00	42.69 3.73 0.00	27.99 2.53 0.00	31.38 2.54 -2.35	26.80 2.07 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.39 0.38 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.65 1.89 -12.91	32.60 2.15 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.10 1.40 0.00	30.11 2.55 0.00	33.10 2.99 0.00	38.11 3.33 -1.07	39.97 3.47 0.00	38.42 3.36 0.00	29.06 2.58 0.00	33.40 3.09 0.00	38.97 3.60 0.00	37.73 3.32 0.00	66.01 5.30 0.00	70.36 5.60 0.00	75.78 6.40 0.00	42.71 3.75 0.00	27.99 2.53 0.00	31.38 2.55 -2.35	26.80 2.07 0.00
RAVENSWOOD_GT_9 24257	40.39 0.38 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.65 1.89 -12.91	32.60 2.15 -2.30	43.20 2.08 -15.46	22.85 0.69 -14.19	17.10 1.40 0.00	30.11 2.55 0.00	33.10 2.99 0.00	38.11 3.33 -1.07	39.97 3.47 0.00	38.42 3.36 0.00	29.06 2.58 0.00	33.40 3.09 0.00	38.97 3.60 0.00	37.73 3.32 0.00	66.01 5.30 0.00	70.36 5.60 0.00	75.78 6.40 0.00	42.71 3.75 0.00	27.99 2.53 0.00	31.38 2.55 -2.35	26.80 2.07 0.00
RAVENSWOOD___1 23533	40.41 0.41 -35.60	19.47 0.34 -14.92	33.08 1.78 -8.14	41.69 1.92 -12.91	32.66 2.20 -2.30	43.26 2.14 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.20 2.64 0.00	33.18 3.07 0.00	38.21 3.42 -1.07	40.11 3.61 0.00	38.53 3.47 0.00	29.14 2.66 0.00	33.49 3.18 0.00	39.08 3.71 0.00	37.79 3.39 0.00	66.05 5.35 0.00	70.51 5.75 0.00	75.92 6.54 0.00	42.82 3.86 0.00	28.06 2.61 0.00	31.44 2.60 -2.35	26.86 2.13 0.00
RAVENSWOOD___2 23534	40.41 0.41 -35.60	19.47 0.34 -14.92	33.08 1.78 -8.14	41.69 1.92 -12.91	32.66 2.20 -2.30	43.26 2.14 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.20 2.64 0.00	33.18 3.07 0.00	38.21 3.42 -1.07	40.11 3.61 0.00	38.53 3.47 0.00	29.14 2.66 0.00	33.49 3.18 0.00	39.08 3.71 0.00	37.79 3.39 0.00	66.05 5.35 0.00	70.51 5.75 0.00	75.92 6.54 0.00	42.82 3.86 0.00	28.06 2.61 0.00	31.44 2.60 -2.35	26.86 2.13 0.00
RAVENSWOOD___3 23535	40.39 0.38 -35.60	19.46 0.33 -14.92	33.05 1.75 -8.14	41.67 1.90 -12.91	32.62 2.16 -2.30	43.21 2.09 -15.46	22.85 0.69 -14.19	17.11 1.41 0.00	30.14 2.58 0.00	33.12 3.02 0.00	38.14 3.35 -1.07	40.00 3.50 0.00	38.45 3.38 0.00	29.08 2.60 0.00	33.43 3.12 0.00	39.01 3.64 0.00	37.72 3.33 0.00	66.01 5.30 0.00	70.35 5.59 0.00	75.78 6.40 0.00	42.71 3.75 0.00	27.99 2.53 0.00	31.38 2.55 -2.35	26.80 2.07 0.00
RAVENSWOOD___4 23820	40.41 0.41 -35.60	19.47 0.34 -14.92	33.08 1.78 -8.14	41.69 1.92 -12.91	32.66 2.20 -2.30	43.26 2.14 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.20 2.64 0.00	33.18 3.07 0.00	38.21 3.42 -1.07	40.11 3.61 0.00	38.53 3.47 0.00	29.14 2.66 0.00	33.49 3.18 0.00	39.08 3.71 0.00	37.79 3.39 0.00	66.05 5.35 0.00	70.51 5.75 0.00	75.92 6.54 0.00	42.82 3.86 0.00	28.06 2.61 0.00	31.44 2.60 -2.35	26.86 2.13 0.00
RCPL_TRUST___DRP 24196	40.38 0.37 -35.59	19.46 0.33 -14.92	33.06 1.76 -8.14	41.67 1.91 -12.91	32.63 2.17 -2.30	43.22 2.10 -15.46	22.85 0.70 -14.19	17.12 1.41 0.00	30.15 2.59 0.00	33.13 3.02 0.00	38.15 3.36 -1.07	40.00 3.50 0.00	38.45 3.38 0.00	29.09 2.61 0.00	33.44 3.13 0.00	39.01 3.64 0.00	37.75 3.35 0.00	66.06 5.35 0.00	70.36 5.60 0.00	75.82 6.43 0.00	42.71 3.75 0.00	27.99 2.53 0.00	31.38 2.55 -2.35	26.81 2.08 0.00
RENSSELAER___COGEN 23796	50.13 0.29 -45.42	23.51 0.27 -19.04	35.00 1.46 -10.39	45.00 1.67 -16.48	32.91 1.82 -2.93	47.15 1.76 -19.73	26.61 0.53 -18.11	16.68 0.97 0.00	29.10 1.54 0.00	31.96 1.85 -0.01	37.33 2.25 -1.37	38.93 2.43 0.00	37.40 2.34 0.00	28.24 1.76 0.00	32.30 1.99 0.00	37.62 2.25 0.00	36.56 2.16 0.00	64.22 3.52 0.00	68.45 3.70 0.00	73.50 4.11 0.00	41.28 2.32 0.00	27.11 1.66 0.00	31.40 1.92 -2.99	26.33 1.60 0.00
REVERE_CPPR_DRP 24186	5.71 0.16 -1.14	4.82 0.14 -0.48	24.17 0.75 -0.26	28.14 0.87 -0.41	29.16 0.93 -0.07	26.98 0.82 -0.49	8.69 0.26 -0.46	16.25 0.54 0.00	28.59 1.03 0.00	31.28 1.18 0.00	35.13 1.37 -0.03	38.05 1.55 0.00	36.57 1.50 0.00	27.60 1.11 0.00	31.63 1.31 0.00	36.94 1.57 0.00	36.04 1.64 0.00	63.67 2.97 0.00	67.73 2.98 0.00	72.43 3.05 0.00	40.56 1.60 0.00	26.44 0.98 0.00	27.49 0.93 -0.07	25.56 0.82 0.00
RIVERBAY____ 323610	40.42 0.41 -35.60	19.46 0.33 -14.92	32.99 1.70 -8.14	41.61 1.85 -12.91	32.55 2.09 -2.30	43.17 2.05 -15.46	22.86 0.70 -14.19	17.09 1.39 0.00	30.08 2.52 0.00	33.01 2.91 0.00	38.06 3.27 -1.07	40.02 3.52 0.00	38.40 3.33 0.00	29.04 2.56 0.00	33.37 3.07 0.00	38.94 3.57 0.00	37.67 3.27 0.00	65.91 5.20 0.00	70.47 5.71 0.00	75.84 6.46 0.00	42.74 3.79 0.00	28.00 2.54 0.00	31.36 2.53 -2.35	26.77 2.04 0.00
ROCHESTER_9_IC 23652	8.60 -0.13 -4.31	5.91 -0.10 -1.81	23.38 -0.76 -0.99	27.68 -0.73 -1.56	27.90 -0.54 -0.28	27.06 -0.47 -1.87	9.53 -0.15 -1.72	15.37 -0.33 0.00	27.02 -0.54 0.00	29.47 -0.63 0.00	33.07 -0.78 -0.13	35.78 -0.72 0.00	34.50 -0.55 0.00	26.04 -0.44 0.00	29.69 -0.62 0.00	34.83 -0.54 0.00	34.09 -0.31 0.00	60.85 0.15 0.00	64.80 0.05 0.00	69.04 -0.34 0.00	38.60 -0.36 0.00	25.05 -0.40 0.00	26.12 -0.65 -0.28	24.07 -0.66 0.00
ROSETON___1 23587	40.58 0.31 -35.85	19.51 0.28 -15.03	32.82 1.46 -8.20	41.49 1.63 -13.00	32.28 1.81 -2.31	43.01 1.77 -15.57	22.84 0.57 -14.29	16.85 1.14 0.00	29.66 2.10 0.00	32.58 2.48 0.00	37.56 2.76 -1.08	39.38 2.88 0.00	37.85 2.79 0.00	28.61 2.13 0.00	32.85 2.54 0.00	38.35 2.98 0.00	37.19 2.79 0.00	65.23 4.53 0.00	69.53 4.78 0.00	74.76 5.37 0.00	42.09 3.13 0.00	27.56 2.10 0.00	30.98 2.12 -2.36	26.45 1.72 0.00



ROSETON___2 23588	40.58 0.31 -35.85	19.51 0.28 -15.03	32.82 1.46 -8.20	41.49 1.63 -13.00	32.28 1.81 -2.31	43.01 1.77 -15.57	22.84 0.57 -14.29	16.85 1.14 0.00	29.66 2.10 0.00	32.58 2.48 0.00	37.56 2.76 -1.08	39.38 2.88 0.00	37.85 2.79 0.00	28.61 2.13 0.00	32.85 2.54 0.00	38.35 2.98 0.00	37.19 2.79 0.00	65.23 4.53 0.00	69.53 4.78 0.00	74.76 5.37 0.00	42.09 3.13 0.00	27.56 2.10 0.00	30.98 2.12 -2.36	26.45 1.72 0.00
RUSSELL___1 23602	8.63 -0.10 -4.31	5.94 -0.07 -1.81	23.53 -0.61 -0.99	27.85 -0.57 -1.56	28.07 -0.36 -0.28	27.22 -0.31 -1.87	9.58 -0.10 -1.72	15.48 -0.22 0.00	27.21 -0.35 0.00	29.70 -0.40 0.00	33.32 -0.53 -0.13	36.06 -0.44 0.00	34.78 -0.28 0.00	26.25 -0.23 0.00	29.94 -0.37 0.00	35.13 -0.24 0.00	34.39 -0.01 0.00	61.44 0.73 0.00	65.39 0.64 0.00	69.67 0.28 0.00	38.94 -0.02 0.00	25.26 -0.19 0.00	26.33 -0.45 -0.28	24.25 -0.48 0.00
RUSSELL___2 23532	8.63 -0.10 -4.31	5.94 -0.07 -1.81	23.53 -0.61 -0.99	27.85 -0.57 -1.56	28.07 -0.36 -0.28	27.22 -0.31 -1.87	9.58 -0.10 -1.72	15.48 -0.22 0.00	27.21 -0.35 0.00	29.70 -0.40 0.00	33.32 -0.53 -0.13	36.06 -0.44 0.00	34.78 -0.28 0.00	26.25 -0.23 0.00	29.94 -0.37 0.00	35.13 -0.24 0.00	34.39 -0.01 0.00	61.44 0.73 0.00	65.39 0.64 0.00	69.67 0.28 0.00	38.94 -0.02 0.00	25.26 -0.19 0.00	26.33 -0.45 -0.28	24.25 -0.48 0.00
RUSSELL___3 23549	8.63 -0.10 -4.31	5.94 -0.07 -1.81	23.53 -0.61 -0.99	27.85 -0.57 -1.56	28.07 -0.36 -0.28	27.22 -0.31 -1.87	9.58 -0.10 -1.72	15.48 -0.22 0.00	27.21 -0.35 0.00	29.70 -0.40 0.00	33.32 -0.53 -0.13	36.06 -0.44 0.00	34.78 -0.28 0.00	26.25 -0.23 0.00	29.94 -0.37 0.00	35.13 -0.24 0.00	34.39 -0.01 0.00	61.44 0.73 0.00	65.39 0.64 0.00	69.67 0.28 0.00	38.94 -0.02 0.00	25.26 -0.19 0.00	26.33 -0.45 -0.28	24.25 -0.48 0.00
RUSSELL___4 23556	8.63 -0.10 -4.31	5.94 -0.07 -1.81	23.53 -0.61 -0.99	27.85 -0.57 -1.56	28.07 -0.36 -0.28	27.22 -0.31 -1.87	9.58 -0.10 -1.72	15.48 -0.22 0.00	27.21 -0.35 0.00	29.70 -0.40 0.00	33.32 -0.53 -0.13	36.06 -0.44 0.00	34.78 -0.28 0.00	26.25 -0.23 0.00	29.94 -0.37 0.00	35.13 -0.24 0.00	34.39 -0.01 0.00	61.44 0.73 0.00	65.39 0.64 0.00	69.67 0.28 0.00	38.94 -0.02 0.00	25.26 -0.19 0.00	26.33 -0.45 -0.28	24.25 -0.48 0.00
RUSSELL___STATION 23914	8.63 -0.10 -4.31	5.94 -0.07 -1.81	23.53 -0.61 -0.99	27.85 -0.57 -1.56	28.07 -0.36 -0.28	27.22 -0.31 -1.87	9.58 -0.10 -1.72	15.48 -0.22 0.00	27.21 -0.35 0.00	29.70 -0.40 0.00	33.32 -0.53 -0.13	36.06 -0.44 0.00	34.78 -0.28 0.00	26.25 -0.23 0.00	29.94 -0.37 0.00	35.13 -0.24 0.00	34.39 -0.01 0.00	61.44 0.73 0.00	65.39 0.64 0.00	69.67 0.28 0.00	38.94 -0.02 0.00	25.26 -0.19 0.00	26.33 -0.45 -0.28	24.25 -0.48 0.00
S SALMON___HYD 24043	6.77 -0.04 -2.39	5.16 -0.04 -1.00	23.43 -0.27 -0.55	27.42 -0.29 -0.87	28.00 -0.32 -0.15	26.31 -0.39 -1.04	8.80 -0.12 -0.96	15.50 -0.21 0.00	27.21 -0.35 0.00	29.70 -0.40 0.00	33.37 -0.42 -0.07	36.09 -0.41 0.00	34.70 -0.36 0.00	26.19 -0.29 0.00	29.97 -0.34 0.00	35.02 -0.35 0.00	34.17 -0.23 0.00	60.45 -0.25 0.00	64.37 -0.38 0.00	68.91 -0.47 0.00	38.60 -0.36 0.00	25.15 -0.30 0.00	26.25 -0.40 -0.16	24.41 -0.32 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	9.74 -0.26 -5.59	6.34 -0.20 -2.34	22.99 -1.45 -1.28	27.44 -1.44 -2.03	27.39 -1.13 -0.36	27.13 -0.95 -2.43	9.86 -0.33 -2.23	14.98 -0.73 0.00	26.34 -1.22 0.00	28.69 -1.41 0.00	32.15 -1.74 -0.17	34.81 -1.69 0.00	33.64 -1.43 0.00	25.37 -1.12 0.00	28.86 -1.45 0.00	33.90 -1.47 0.00	33.16 -1.24 0.00	59.44 -1.27 0.00	63.28 -1.47 0.00	67.29 -2.10 0.00	37.62 -1.34 0.00	24.42 -1.04 0.00	25.51 -1.34 -0.37	23.38 -1.35 0.00
SELKIRK___I 23801	49.02 0.28 -44.32	23.04 0.26 -18.58	34.71 1.42 -10.14	44.56 1.64 -16.07	32.80 1.78 -2.86	46.63 1.71 -19.25	26.16 0.52 -17.67	16.67 0.96 0.00	29.12 1.56 0.00	31.97 1.86 -0.01	37.28 2.23 -1.33	38.91 2.41 0.00	37.39 2.33 0.00	28.23 1.75 0.00	32.30 1.99 0.00	37.63 2.26 0.00	36.57 2.17 0.00	64.24 3.54 0.00	68.48 3.72 0.00	73.50 4.12 0.00	41.30 2.34 0.00	27.10 1.65 0.00	31.27 1.86 -2.92	26.29 1.56 0.00
SELKIRK___II 23799	49.04 0.28 -44.35	23.05 0.26 -18.59	34.71 1.41 -10.14	44.57 1.63 -16.09	32.80 1.78 -2.86	46.63 1.71 -19.26	26.17 0.51 -17.68	16.66 0.96 0.00	29.12 1.55 0.00	31.95 1.85 -0.01	37.28 2.23 -1.33	38.91 2.41 0.00	37.38 2.31 0.00	28.23 1.74 0.00	32.29 1.99 0.00	37.62 2.25 0.00	36.56 2.16 0.00	64.24 3.53 0.00	68.45 3.70 0.00	73.50 4.11 0.00	41.29 2.33 0.00	27.09 1.64 0.00	31.27 1.86 -2.92	26.28 1.55 0.00
SENECA OSWGO___HYD 24041	7.17 -0.04 -2.80	5.34 -0.04 -1.17	23.51 -0.28 -0.64	27.55 -0.31 -1.02	28.01 -0.33 -0.18	26.48 -0.40 -1.22	8.96 -0.12 -1.12	15.47 -0.23 0.00	27.16 -0.41 0.00	29.66 -0.44 0.00	33.31 -0.49 -0.08	36.00 -0.50 0.00	34.61 -0.45 0.00	26.13 -0.35 0.00	29.89 -0.41 0.00	34.93 -0.44 0.00	34.06 -0.34 0.00	60.21 -0.49 0.00	64.13 -0.63 0.00	68.67 -0.71 0.00	38.48 -0.48 0.00	25.11 -0.35 0.00	26.26 -0.41 -0.18	24.42 -0.31 0.00
SENECA___ENERGY 23797	8.92 -0.05 -4.56	6.06 -0.05 -1.91	23.82 -0.38 -1.04	28.08 -0.42 -1.65	28.08 -0.38 -0.29	27.30 -0.34 -1.98	9.67 -0.11 -1.82	15.51 -0.20 0.00	27.28 -0.28 0.00	29.85 -0.25 0.00	33.56 -0.29 -0.14	36.26 -0.25 0.00	34.88 -0.18 0.00	26.32 -0.16 0.00	30.10 -0.21 0.00	35.21 -0.16 0.00	34.35 -0.05 0.00	60.87 0.17 0.00	64.87 0.11 0.00	69.42 0.03 0.00	38.86 -0.09 0.00	25.33 -0.12 0.00	26.53 -0.26 -0.30	24.45 -0.28 0.00
SHOEMAKER___GT 23640	37.40 0.28 -32.71	18.17 0.25 -13.72	31.93 1.29 -7.48	40.18 1.47 -11.86	31.89 1.62 -2.11	41.46 1.59 -14.21	21.52 0.51 -13.04	16.73 1.02 0.00	29.45 1.89 0.00	32.34 2.23 0.00	37.17 2.47 -0.98	39.07 2.56 0.00	37.53 2.47 0.00	28.36 1.88 0.00	32.55 2.25 0.00	38.02 2.66 0.00	36.90 2.50 0.00	64.85 4.15 0.00	69.11 4.36 0.00	74.25 4.86 0.00	41.76 2.80 0.00	27.33 1.87 0.00	30.52 1.87 -2.16	26.25 1.52 0.00
SHOREHAM_IC_1 23715	63.17 0.56 -58.19	24.69 0.51 -19.98	40.57 2.72 -14.70	44.76 3.04 -14.88	33.73 3.28 -2.30	44.67 3.18 -15.83	26.04 1.00 -17.07	17.68 1.98 0.00	31.05 3.48 0.00	36.64 4.07 -2.48	60.71 4.37 -22.62	96.37 4.55 -55.32	58.77 4.38 -19.33	55.65 3.26 -25.91	72.57 3.90 -38.36	112.70 4.67 -72.66	140.03 4.58 -101.05	135.31 7.69 -66.92	94.28 8.09 -21.43	81.70 8.65 -3.67	49.26 5.14 -5.15	74.16 3.35 -45.36	89.80 3.46 -59.85	69.62 2.93 -41.96
SHOREHAM_IC_2 23716	63.17 0.56 -58.19	24.69 0.51 -19.98	40.57 2.72 -14.70	44.76 3.04 -14.88	33.73 3.28 -2.30	44.67 3.18 -15.83	26.04 1.00 -17.07	17.68 1.98 0.00	31.05 3.48 0.00	36.64 4.07 -2.48	60.71 4.37 -22.62	96.37 4.55 -55.32	58.77 4.38 -19.33	55.65 3.26 -25.91	72.57 3.90 -38.36	112.70 4.67 -72.66	140.03 4.58 -101.05	135.31 7.69 -66.92	94.28 8.09 -21.43	81.70 8.65 -3.67	49.26 5.14 -5.15	74.16 3.35 -45.36	89.80 3.46 -59.85	69.62 2.93 -41.96



SISSONVILLE____ 23735	4.30 -0.11 0.00	4.04 -0.16 0.00	22.65 -0.51 0.00	26.37 -0.48 0.00	27.48 -0.68 0.00	24.59 -1.07 0.00	7.65 -0.32 0.00	15.00 -0.70 0.00	26.26 -1.30 0.00	28.14 -1.96 0.00	31.55 -2.17 0.00	34.14 -2.36 0.00	32.74 -2.32 0.00	24.72 -1.76 0.00	28.25 -2.06 0.00	32.91 -2.46 0.00	32.08 -2.33 0.00	56.86 -3.85 0.00	60.76 -4.00 0.00	64.78 -4.60 0.00	36.38 -2.58 0.00	23.67 -1.79 0.00	24.66 -1.83 0.00	23.52 -1.22 0.00
SITHE_IND_GS1 24169	6.57 -0.10 -2.26	5.06 -0.09 -0.95	23.10 -0.57 -0.52	27.03 -0.64 -0.82	27.62 -0.68 -0.15	25.89 -0.76 -0.98	8.63 -0.24 -0.90	15.25 -0.45 0.00	26.72 -0.84 0.00	29.14 -0.97 0.00	32.70 -1.08 -0.07	35.34 -1.15 0.00	33.98 -1.08 0.00	25.67 -0.82 0.00	29.36 -0.95 0.00	34.31 -1.06 0.00	33.42 -0.98 0.00	59.08 -1.63 0.00	62.94 -1.82 0.00	67.42 -1.96 0.00	37.80 -1.17 0.00	24.68 -0.78 0.00	25.82 -0.82 -0.15	24.09 -0.64 0.00
SITHE_IND_GS2 24170	6.57 -0.10 -2.26	5.06 -0.09 -0.95	23.10 -0.57 -0.52	27.03 -0.64 -0.82	27.62 -0.68 -0.15	25.89 -0.76 -0.98	8.63 -0.24 -0.90	15.25 -0.45 0.00	26.72 -0.84 0.00	29.14 -0.97 0.00	32.70 -1.08 -0.07	35.34 -1.15 0.00	33.98 -1.08 0.00	25.67 -0.82 0.00	29.36 -0.95 0.00	34.31 -1.06 0.00	33.42 -0.98 0.00	59.08 -1.63 0.00	62.94 -1.82 0.00	67.42 -1.96 0.00	37.80 -1.17 0.00	24.68 -0.78 0.00	25.82 -0.82 -0.15	24.09 -0.64 0.00
SITHE_IND_GS3 24171	6.57 -0.10 -2.26	5.06 -0.09 -0.95	23.10 -0.57 -0.52	27.03 -0.64 -0.82	27.62 -0.68 -0.15	25.89 -0.76 -0.98	8.63 -0.24 -0.90	15.25 -0.45 0.00	26.72 -0.84 0.00	29.14 -0.97 0.00	32.70 -1.08 -0.07	35.34 -1.15 0.00	33.98 -1.08 0.00	25.67 -0.82 0.00	29.36 -0.95 0.00	34.31 -1.06 0.00	33.42 -0.98 0.00	59.08 -1.63 0.00	62.94 -1.82 0.00	67.42 -1.96 0.00	37.80 -1.17 0.00	24.68 -0.78 0.00	25.82 -0.82 -0.15	24.09 -0.64 0.00
SITHE_IND_GS4 24172	6.57 -0.10 -2.26	5.06 -0.09 -0.95	23.10 -0.57 -0.52	27.03 -0.64 -0.82	27.62 -0.68 -0.15	25.89 -0.76 -0.98	8.63 -0.24 -0.90	15.25 -0.45 0.00	26.72 -0.84 0.00	29.14 -0.97 0.00	32.70 -1.08 -0.07	35.34 -1.15 0.00	33.98 -1.08 0.00	25.67 -0.82 0.00	29.36 -0.95 0.00	34.31 -1.06 0.00	33.42 -0.98 0.00	59.08 -1.63 0.00	62.94 -1.82 0.00	67.42 -1.96 0.00	37.80 -1.17 0.00	24.68 -0.78 0.00	25.82 -0.82 -0.15	24.09 -0.64 0.00
SITHE____BATAVIA 24024	9.20 -0.19 -4.97	6.15 -0.14 -2.09	23.20 -1.10 -1.14	27.62 -1.04 -1.81	27.75 -0.73 -0.32	27.24 -0.58 -2.16	9.75 -0.21 -1.98	15.23 -0.47 0.00	26.82 -0.74 0.00	29.23 -0.87 0.00	32.77 -1.10 -0.15	35.47 -1.03 0.00	34.27 -0.79 0.00	25.85 -0.63 0.00	29.43 -0.88 0.00	34.59 -0.78 0.00	33.92 -0.48 0.00	60.83 0.12 0.00	64.72 -0.03 0.00	68.80 -0.58 0.00	38.42 -0.55 0.00	24.87 -0.59 0.00	25.89 -0.92 -0.33	23.76 -0.97 0.00
SITHE____INDEPEND 23800	6.57 -0.10 -2.26	5.06 -0.09 -0.95	23.10 -0.57 -0.52	27.03 -0.64 -0.82	27.62 -0.68 -0.15	25.89 -0.76 -0.98	8.63 -0.24 -0.90	15.25 -0.45 0.00	26.72 -0.84 0.00	29.14 -0.97 0.00	32.70 -1.08 -0.07	35.34 -1.15 0.00	33.98 -1.08 0.00	25.67 -0.82 0.00	29.36 -0.95 0.00	34.31 -1.06 0.00	33.42 -0.98 0.00	59.08 -1.63 0.00	62.94 -1.82 0.00	67.42 -1.96 0.00	37.80 -1.17 0.00	24.68 -0.78 0.00	25.82 -0.82 -0.15	24.09 -0.64 0.00
SITHE____MASSENA 23902	4.30 -0.12 0.00	4.06 -0.14 0.00	22.61 -0.54 0.00	26.30 -0.55 0.00	27.46 -0.70 0.00	24.78 -0.88 0.00	7.74 -0.23 0.00	15.25 -0.45 0.00	26.70 -0.86 0.00	28.76 -1.34 0.00	32.21 -1.51 0.00	34.85 -1.65 0.00	33.42 -1.65 0.00	25.23 -1.25 0.00	28.84 -1.46 0.00	33.59 -1.78 0.00	32.69 -1.71 0.00	57.93 -2.77 0.00	61.96 -2.80 0.00	66.12 -3.27 0.00	37.15 -1.81 0.00	24.20 -1.25 0.00	25.24 -1.25 0.00	23.93 -0.80 0.00
SITHE____OGDNSBRG 24021	4.33 -0.09 0.00	4.07 -0.13 0.00	22.75 -0.41 0.00	26.48 -0.38 0.00	27.60 -0.56 0.00	24.82 -0.85 0.00	7.75 -0.22 0.00	15.25 -0.45 0.00	26.72 -0.85 0.00	28.71 -1.39 0.00	32.18 -1.54 0.00	34.82 -1.67 0.00	33.38 -1.68 0.00	25.21 -1.28 0.00	28.81 -1.50 0.00	33.55 -1.82 0.00	32.70 -1.70 0.00	58.04 -2.66 0.00	62.06 -2.70 0.00	66.13 -3.26 0.00	37.13 -1.83 0.00	24.14 -1.32 0.00	25.15 -1.34 0.00	23.91 -0.83 0.00
SITHE____STERLING 23777	6.11 0.13 -1.56	4.98 0.12 -0.65	24.12 0.60 -0.36	28.14 0.72 -0.57	29.04 0.78 -0.10	27.03 0.69 -0.68	8.81 0.22 -0.62	16.16 0.45 0.00	28.42 0.85 0.00	31.10 1.00 0.00	34.93 1.16 -0.05	37.81 1.31 0.00	36.35 1.29 0.00	27.42 0.94 0.00	31.43 1.12 0.00	36.73 1.36 0.00	35.81 1.41 0.00	63.25 2.54 0.00	67.32 2.56 0.00	72.04 2.66 0.00	40.35 1.39 0.00	26.31 0.86 0.00	27.40 0.81 -0.10	25.46 0.72 0.00
SOUTH CAIRO____GT 23612	44.74 0.43 -39.90	21.32 0.39 -16.73	34.36 2.08 -9.13	43.69 2.37 -14.47	33.30 2.56 -2.57	45.48 2.49 -17.33	24.66 0.78 -15.91	17.24 1.54 0.00	30.32 2.76 0.00	33.36 3.25 0.00	38.68 3.76 -1.20	40.52 4.02 0.00	38.93 3.87 0.00	29.40 2.92 0.00	33.69 3.38 0.00	39.30 3.93 0.00	38.25 3.85 0.00	67.34 6.64 0.00	71.72 6.96 0.00	76.86 7.48 0.00	43.16 4.20 0.00	28.23 2.77 0.00	31.95 2.83 -2.63	27.08 2.35 0.00
SOUTH HAMPTN____IC 23720	63.32 0.71 -58.19	24.82 0.64 -19.98	41.26 3.41 -14.70	45.57 3.84 -14.88	34.61 4.15 -2.30	45.49 4.00 -15.83	26.30 1.26 -17.07	18.21 2.51 0.00	32.03 4.47 0.00	37.75 5.17 -2.48	61.95 5.61 -22.62	97.74 5.92 -55.32	60.03 5.64 -19.33	56.61 4.22 -25.91	73.65 4.98 -38.36	114.00 5.96 -72.66	141.38 5.93 -101.05	137.88 10.26 -66.92	96.95 10.76 -21.43	84.44 11.39 -3.67	50.71 6.60 -5.15	75.05 4.24 -45.36	90.64 4.30 -59.85	70.36 3.67 -41.96
SOUTHOLD____IC 23719	63.40 0.79 -58.19	24.89 0.71 -19.98	41.66 3.81 -14.70	46.03 4.30 -14.88	35.10 4.65 -2.30	45.95 4.46 -15.83	26.44 1.41 -17.07	18.50 2.79 0.00	32.55 4.99 0.00	38.35 5.77 -2.48	62.60 6.26 -22.62	98.44 6.62 -55.32	60.70 6.32 -19.33	57.13 4.74 -25.91	74.25 5.58 -38.36	114.74 6.70 -72.66	142.15 6.70 -101.05	139.29 11.67 -66.92	98.39 12.20 -21.43	85.92 12.87 -3.67	51.53 7.42 -5.15	75.57 4.76 -45.36	91.13 4.79 -59.85	70.79 4.10 -41.96
ST LAWRENCE____ 23600	4.25 -0.17 0.00	4.04 -0.16 0.00	22.40 -0.76 0.00	26.01 -0.84 0.00	27.19 -0.97 0.00	24.71 -0.95 0.00	7.69 -0.28 0.00	15.13 -0.58 0.00	26.52 -1.05 0.00	28.75 -1.35 0.00	32.19 -1.53 0.00	34.83 -1.67 0.00	33.41 -1.65 0.00	25.23 -1.25 0.00	28.84 -1.47 0.00	33.58 -1.78 0.00	32.67 -1.73 0.00	57.88 -2.83 0.00	61.89 -2.86 0.00	66.10 -3.28 0.00	37.16 -1.81 0.00	24.22 -1.24 0.00	25.26 -1.22 0.00	23.77 -0.96 0.00
STATION 5_MISC_HYD 23604	8.60 -0.13 -4.31	5.91 -0.10 -1.81	23.38 -0.76 -0.99	27.68 -0.73 -1.56	27.90 -0.54 -0.28	27.06 -0.47 -1.87	9.53 -0.15 -1.72	15.37 -0.33 0.00	27.02 -0.54 0.00	29.47 -0.63 0.00	33.07 -0.78 -0.13	35.78 -0.72 0.00	34.50 -0.55 0.00	26.04 -0.44 0.00	29.69 -0.62 0.00	34.83 -0.54 0.00	34.09 -0.31 0.00	60.85 0.15 0.00	64.80 0.05 0.00	69.04 -0.34 0.00	38.60 -0.36 0.00	25.05 -0.40 0.00	26.12 -0.65 -0.28	24.07 -0.66 0.00



STA_168_34_KV_BK1_2_REV_LBMP_B 345032	8.67 -0.05 -4.31	5.97 -0.04 -1.81	23.75 -0.39 -0.99	28.06 -0.35 -1.56	28.22 -0.22 -0.28	27.35 -0.19 -1.87	9.62 -0.07 -1.72	15.59 -0.12 0.00	27.42 -0.14 0.00	29.98 -0.12 0.00	33.66 -0.19 -0.13	36.38 -0.12 0.00	35.04 -0.02 0.00	26.44 -0.05 0.00	30.19 -0.12 0.00	35.36 -0.01 0.00	34.58 0.17 0.00	61.52 0.82 0.00	65.49 0.73 0.00	69.89 0.51 0.00	39.10 0.14 0.00	25.41 -0.05 0.00	26.52 -0.25 -0.28	24.44 -0.29 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	8.53 -0.15 -4.27	5.87 -0.12 -1.79	23.24 -0.89 -0.98	27.51 -0.89 -1.55	27.71 -0.73 -0.27	26.86 -0.65 -1.85	9.46 -0.21 -1.70	15.28 -0.43 0.00	26.84 -0.72 0.00	29.28 -0.82 0.00	32.86 -0.99 -0.13	35.55 -0.95 0.00	34.26 -0.79 0.00	25.86 -0.62 0.00	29.51 -0.80 0.00	34.60 -0.77 0.00	33.85 -0.55 0.00	60.40 -0.30 0.00	64.31 -0.45 0.00	68.55 -0.83 0.00	38.33 -0.63 0.00	24.88 -0.57 0.00	25.96 -0.81 -0.28	23.93 -0.81 0.00
STEEL___WIND 323596	10.08 -0.17 -5.83	6.52 -0.12 -2.44	23.47 -1.02 -1.33	28.00 -0.96 -2.12	27.86 -0.67 -0.38	27.66 -0.54 -2.53	10.08 -0.21 -2.33	15.25 -0.45 0.00	26.86 -0.70 0.00	29.31 -0.79 0.00	32.88 -1.02 -0.17	35.60 -0.90 0.00	34.41 -0.65 0.00	25.93 -0.55 0.00	29.53 -0.78 0.00	34.70 -0.67 0.00	33.93 -0.48 0.00	60.73 0.02 0.00	64.60 -0.16 0.00	68.74 -0.64 0.00	38.43 -0.53 0.00	24.98 -0.48 0.00	26.12 -0.76 -0.38	23.89 -0.84 0.00
STEBEN_REC_LFGE 323667	12.30 0.12 -7.77	7.56 0.10 -3.26	25.36 0.43 -1.78	30.09 0.42 -2.82	29.24 0.58 -0.50	29.67 0.63 -3.38	11.19 0.12 -3.10	16.01 0.30 0.00	28.35 0.79 0.00	31.18 1.08 0.00	35.28 1.32 -0.23	38.27 1.78 0.00	36.91 1.85 0.00	27.80 1.32 0.00	31.67 1.36 0.00	37.14 1.77 0.00	36.28 1.88 0.00	64.57 3.87 0.00	68.63 3.87 0.00	73.28 3.90 0.00	41.00 2.04 0.00	26.74 1.28 0.00	28.13 1.13 -0.51	25.55 0.82 0.00
STONY___BROOK 24151	63.16 0.55 -58.19	24.68 0.50 -19.98	40.53 2.68 -14.70	44.72 2.99 -14.88	33.68 3.23 -2.30	44.61 3.12 -15.83	26.03 0.99 -17.07	17.67 1.96 0.00	31.04 3.47 0.00	36.64 4.07 -2.48	60.74 4.40 -22.62	96.43 4.61 -55.32	58.83 4.44 -19.33	55.72 3.33 -25.91	72.64 3.97 -38.36	112.76 4.73 -72.66	140.04 4.59 -101.05	135.27 7.65 -66.92	94.24 8.06 -21.43	81.67 8.62 -3.67	49.25 5.13 -5.15	74.16 3.36 -45.36	89.82 3.48 -59.85	69.61 2.92 -41.96
STURGEON_POOL_HYD 23609	41.66 0.32 -36.93	19.97 0.28 -15.48	33.07 1.46 -8.45	41.85 1.61 -13.39	32.33 1.79 -2.38	43.48 1.78 -16.04	23.27 0.57 -14.72	16.86 1.15 0.00	29.73 2.17 0.00	32.67 2.56 0.00	37.66 2.84 -1.11	39.45 2.95 0.00	37.92 2.86 0.00	28.66 2.18 0.00	32.93 2.62 0.00	38.46 3.08 0.00	37.30 2.90 0.00	65.46 4.76 0.00	69.76 5.01 0.00	74.98 5.59 0.00	42.21 3.25 0.00	27.64 2.18 0.00	31.07 2.15 -2.43	26.47 1.74 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.11 0.29 -33.40	18.47 0.26 -14.00	32.16 1.37 -7.64	40.50 1.53 -12.11	32.01 1.70 -2.16	41.83 1.66 -14.51	21.83 0.54 -13.32	16.79 1.09 0.00	29.58 2.02 0.00	32.49 2.39 0.00	37.36 2.64 -1.00	39.24 2.74 0.00	37.70 2.64 0.00	28.50 2.02 0.00	32.73 2.42 0.00	38.23 2.86 0.00	37.07 2.67 0.00	65.10 4.39 0.00	69.35 4.60 0.00	74.54 5.16 0.00	41.96 2.99 0.00	27.46 2.01 0.00	30.70 2.01 -2.20	26.35 1.62 0.00
SYNERGY___BIOGAS 323694	9.20 -0.19 -4.97	6.15 -0.14 -2.09	23.20 -1.10 -1.14	27.62 -1.04 -1.81	27.75 -0.73 -0.32	27.24 -0.58 -2.16	9.75 -0.21 -1.98	15.23 -0.47 0.00	26.82 -0.74 0.00	29.23 -0.87 0.00	32.77 -1.10 -0.15	35.47 -1.03 0.00	34.27 -0.79 0.00	25.85 -0.63 0.00	29.43 -0.88 0.00	34.59 -0.78 0.00	33.92 -0.48 0.00	60.83 0.12 0.00	64.72 -0.03 0.00	68.80 -0.58 0.00	38.42 -0.55 0.00	24.87 -0.59 0.00	25.89 -0.92 -0.33	23.76 -0.97 0.00
SYRACUSE___ENERGY_ST1 323597	7.98 0.01 -3.56	5.71 0.01 -1.49	23.96 -0.01 -0.82	28.15 0.01 -1.29	28.40 0.01 -0.23	27.15 -0.06 -1.55	9.37 -0.02 -1.42	15.69 -0.01 0.00	27.55 -0.01 0.00	30.10 0.00 0.00	33.82 0.00 -0.11	36.52 0.03 0.00	35.12 0.06 0.00	26.52 0.03 0.00	30.34 0.03 0.00	35.46 0.09 0.00	34.57 0.17 0.00	61.12 0.42 0.00	65.08 0.33 0.00	69.68 0.30 0.00	39.06 0.10 0.00	25.48 0.03 0.00	26.69 -0.04 -0.23	24.74 0.01 0.00
SYRACUSE___ENERGY_ST2 323598	7.98 0.01 -3.56	5.71 0.01 -1.49	23.96 -0.01 -0.82	28.15 0.01 -1.29	28.40 0.01 -0.23	27.15 -0.06 -1.55	9.37 -0.02 -1.42	15.69 -0.01 0.00	27.55 -0.01 0.00	30.10 0.00 0.00	33.82 0.00 -0.11	36.52 0.03 0.00	35.12 0.06 0.00	26.52 0.03 0.00	30.34 0.03 0.00	35.46 0.09 0.00	34.57 0.17 0.00	61.12 0.42 0.00	65.08 0.33 0.00	69.68 0.30 0.00	39.06 0.10 0.00	25.48 0.03 0.00	26.69 -0.04 -0.23	24.74 0.01 0.00
SYRACUSE___POWER 24017	8.13 0.03 -3.68	5.77 0.03 -1.54	24.08 0.08 -0.84	28.29 0.11 -1.34	28.52 0.12 -0.24	27.31 0.05 -1.60	9.45 0.01 -1.47	15.75 0.05 0.00	27.67 0.11 0.00	30.24 0.14 0.00	33.98 0.15 -0.11	36.70 0.19 0.00	35.29 0.23 0.00	26.65 0.16 0.00	30.50 0.18 0.00	35.63 0.26 0.00	34.72 0.32 0.00	61.38 0.68 0.00	65.37 0.61 0.00	70.00 0.62 0.00	39.24 0.28 0.00	25.60 0.15 0.00	26.82 0.09 -0.24	24.85 0.12 0.00
TRIGEN___CC 323695	63.04 0.43 -58.19	24.58 0.40 -19.98	39.97 2.12 -14.70	44.06 2.33 -14.88	33.02 2.56 -2.30	43.98 2.48 -15.83	25.84 0.80 -17.07	17.31 1.60 0.00	30.46 2.89 0.00	35.96 3.39 -2.48	60.06 3.72 -22.62	95.65 3.83 -55.32	58.14 3.75 -19.33	55.22 2.83 -25.91	72.03 3.35 -38.36	111.90 3.87 -72.66	139.06 3.61 -101.05	133.54 5.92 -66.92	92.49 6.30 -21.43	79.98 6.93 -3.67	48.27 4.15 -5.15	73.57 2.76 -45.36	89.18 2.83 -59.85	69.05 2.36 -41.96
UNION___PROCESSING_DRP 323587	8.60 -0.14 -4.33	5.91 -0.11 -1.82	23.32 -0.82 -0.99	27.61 -0.81 -1.57	27.82 -0.62 -0.28	27.00 -0.55 -1.88	9.52 -0.18 -1.73	15.33 -0.37 0.00	26.94 -0.63 0.00	29.38 -0.73 0.00	32.96 -0.89 -0.13	35.65 -0.84 0.00	34.38 -0.68 0.00	25.95 -0.53 0.00	29.60 -0.71 0.00	34.71 -0.67 0.00	33.96 -0.45 0.00	60.61 -0.09 0.00	64.55 -0.20 0.00	68.77 -0.61 0.00	38.46 -0.50 0.00	24.96 -0.49 0.00	26.04 -0.74 -0.29	24.00 -0.73 0.00
UPPER HUDSON___HYD 24058	52.75 0.30 -48.03	24.61 0.27 -20.14	35.66 1.52 -10.99	46.06 1.78 -17.42	33.14 1.88 -3.10	48.38 1.85 -20.86	27.69 0.57 -19.15	16.81 1.11 0.00	29.67 2.11 0.00	32.58 2.47 -0.01	37.98 2.81 -1.44	39.60 3.10 0.00	38.00 2.94 0.00	28.74 2.26 0.00	32.91 2.60 0.00	38.45 3.08 0.00	37.44 3.03 0.00	65.96 5.26 0.00	70.16 5.40 0.00	75.20 5.82 0.00	42.15 3.19 0.00	27.48 2.03 0.00	31.68 2.03 -3.17	26.39 1.66 0.00
UPPER RAQUET___HYD 24056	4.30 -0.11 0.00	4.04 -0.16 0.00	22.65 -0.51 0.00	26.37 -0.48 0.00	27.48 -0.68 0.00	24.59 -1.07 0.00	7.65 -0.32 0.00	15.00 -0.70 0.00	26.26 -1.30 0.00	28.14 -1.96 0.00	31.55 -2.17 0.00	34.14 -2.36 0.00	32.74 -2.32 0.00	24.72 -1.76 0.00	28.25 -2.06 0.00	32.91 -2.46 0.00	32.08 -2.33 0.00	56.86 -3.85 0.00	60.76 -4.00 0.00	64.78 -4.60 0.00	36.38 -2.58 0.00	23.67 -1.79 0.00	24.66 -1.83 0.00	23.52 -1.22 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.08 0.34 -15.32	10.94 0.31 -6.42	28.31 1.65 -3.51	34.33 1.92 -5.56	31.19 2.05 -0.99	34.26 1.94 -6.66	14.70 0.62 -6.11	16.97 1.26 0.00	29.95 2.39 0.00	32.85 2.75 0.00	37.26 3.08 -0.46	39.78 3.28 0.00	38.13 3.07 0.00	28.74 2.26 0.00	32.90 2.59 0.00	38.43 3.06 0.00	37.41 3.00 0.00	65.86 5.15 0.00	70.08 5.32 0.00	75.06 5.68 0.00	42.13 3.17 0.00	27.50 2.05 0.00	29.48 1.99 -1.01	26.46 1.73 0.00
VISCHER___FERRY HYD 24020	52.16 0.32 -47.42	24.38 0.30 -19.88	35.63 1.63 -10.85	45.95 1.89 -17.20	33.27 2.05 -3.06	48.19 1.93 -20.60	27.47 0.60 -18.91	16.86 1.16 0.00	29.61 2.05 0.00	32.51 2.40 -0.01	37.90 2.76 -1.43	39.53 3.03 0.00	37.97 2.91 0.00	28.69 2.21 0.00	32.83 2.53 0.00	38.33 2.96 0.00	37.28 2.88 0.00	65.57 4.86 0.00	69.82 5.06 0.00	74.93 5.55 0.00	42.04 3.08 0.00	27.50 2.05 0.00	31.77 2.16 -3.13	26.53 1.80 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.21 0.33 -34.47	18.95 0.29 -14.45	32.55 1.51 -7.88	41.02 1.67 -12.50	32.24 1.86 -2.22	42.44 1.81 -14.97	22.31 0.60 -13.74	16.90 1.19 0.00	29.77 2.21 0.00	32.71 2.60 0.00	37.64 2.88 -1.04	39.49 2.99 0.00	37.95 2.89 0.00	28.69 2.21 0.00	32.95 2.65 0.00	38.49 3.12 0.00	37.30 2.90 0.00	65.46 4.76 0.00	69.75 5.00 0.00	75.04 5.66 0.00	42.24 3.28 0.00	27.66 2.21 0.00	30.97 2.21 -2.27	26.51 1.78 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.38 0.37 -35.59	19.46 0.33 -14.92	33.06 1.76 -8.14	41.67 1.91 -12.91	32.63 2.17 -2.30	43.22 2.10 -15.46	22.85 0.70 -14.19	17.12 1.41 0.00	30.15 2.59 0.00	33.13 3.02 0.00	38.15 3.36 -1.07	40.00 3.50 0.00	38.45 3.38 0.00	29.09 2.61 0.00	33.44 3.13 0.00	39.01 3.64 0.00	37.75 3.35 0.00	66.04 5.34 0.00	70.36 5.60 0.00	75.81 6.43 0.00	42.70 3.74 0.00	27.98 2.53 0.00	31.38 2.55 -2.35	26.80 2.07 0.00
WADING RIVER_IC_1 23522	63.18 0.57 -58.19	24.70 0.52 -19.98	40.60 2.75 -14.70	44.80 3.07 -14.88	33.77 3.32 -2.30	44.70 3.21 -15.83	26.05 1.01 -17.07	17.71 2.00 0.00	31.10 3.54 0.00	36.70 4.12 -2.48	60.77 4.43 -22.62	96.46 4.63 -55.32	58.84 4.46 -19.33	55.71 3.32 -25.91	72.64 3.97 -38.36	112.79 4.76 -72.66	140.10 4.65 -101.05	135.43 7.81 -66.92	94.39 8.20 -21.43	81.82 8.77 -3.67	49.32 5.21 -5.15	74.20 3.40 -45.36	89.84 3.50 -59.85	69.66 2.97 -41.96
WADING RIVER_IC_2 23547	63.18 0.57 -58.19	24.70 0.52 -19.98	40.60 2.75 -14.70	44.80 3.07 -14.88	33.77 3.32 -2.30	44.70 3.21 -15.83	26.05 1.01 -17.07	17.71 2.00 0.00	31.10 3.54 0.00	36.70 4.12 -2.48	60.77 4.43 -22.62	96.46 4.63 -55.32	58.84 4.46 -19.33	55.71 3.32 -25.91	72.64 3.97 -38.36	112.79 4.76 -72.66	140.10 4.65 -101.05	135.43 7.81 -66.92	94.39 8.20 -21.43	81.82 8.77 -3.67	49.32 5.21 -5.15	74.20 3.40 -45.36	89.84 3.50 -59.85	69.66 2.97 -41.96
WADING RIVER_IC_3 23601	63.18 0.57 -58.19	24.70 0.52 -19.98	40.60 2.75 -14.70	44.80 3.07 -14.88	33.77 3.32 -2.30	44.70 3.21 -15.83	26.05 1.01 -17.07	17.71 2.00 0.00	31.10 3.54 0.00	36.70 4.12 -2.48	60.77 4.43 -22.62	96.46 4.63 -55.32	58.84 4.46 -19.33	55.71 3.32 -25.91	72.64 3.97 -38.36	112.79 4.76 -72.66	140.10 4.65 -101.05	135.43 7.81 -66.92	94.39 8.20 -21.43	81.82 8.77 -3.67	49.32 5.21 -5.15	74.20 3.40 -45.36	89.84 3.50 -59.85	69.66 2.97 -41.96
WALDEN___HYDRO 24148	39.96 0.31 -35.24	19.25 0.27 -14.77	32.65 1.44 -8.06	41.24 1.60 -12.78	32.21 1.78 -2.27	42.72 1.75 -15.31	22.59 0.57 -14.05	16.86 1.16 0.00	29.73 2.16 0.00	32.67 2.57 0.00	37.64 2.86 -1.06	39.45 2.95 0.00	37.90 2.83 0.00	28.64 2.16 0.00	32.90 2.59 0.00	38.44 3.07 0.00	37.31 2.91 0.00	65.53 4.83 0.00	69.81 5.05 0.00	75.03 5.65 0.00	42.22 3.26 0.00	27.63 2.18 0.00	30.97 2.16 -2.32	26.46 1.73 0.00
WARRENSBURG____ 23737	52.75 0.30 -48.03	24.61 0.27 -20.14	35.66 1.52 -10.99	46.06 1.78 -17.42	33.14 1.88 -3.10	48.38 1.85 -20.86	27.69 0.57 -19.15	16.81 1.11 0.00	29.67 2.11 0.00	32.58 2.47 -0.01	37.98 2.81 -1.44	39.60 3.10 0.00	38.00 2.94 0.00	28.74 2.26 0.00	32.91 2.60 0.00	38.45 3.08 0.00	37.44 3.03 0.00	65.96 5.26 0.00	70.16 5.40 0.00	75.20 5.82 0.00	42.15 3.19 0.00	27.48 2.03 0.00	31.68 2.03 -3.17	26.39 1.66 0.00
WATERSIDE___6 8 9 23538	40.41 0.41 -35.60	19.47 0.34 -14.92	33.08 1.78 -8.14	41.69 1.92 -12.91	32.66 2.20 -2.30	43.26 2.14 -15.46	22.88 0.72 -14.19	17.15 1.45 0.00	30.20 2.64 0.00	33.18 3.07 0.00	38.21 3.42 -1.07	40.11 3.61 0.00	38.53 3.47 0.00	29.14 2.66 0.00	33.49 3.18 0.00	39.08 3.71 0.00	37.79 3.39 0.00	66.05 5.35 0.00	70.51 5.75 0.00	75.92 6.54 0.00	42.82 3.86 0.00	28.06 2.61 0.00	31.44 2.60 -2.35	26.86 2.13 0.00
WDELAWARE___HYD 323627	37.25 0.35 -32.49	18.14 0.32 -13.62	32.23 1.65 -7.43	40.48 1.84 -11.78	32.27 2.02 -2.10	41.76 1.98 -14.11	21.56 0.64 -12.95	17.00 1.30 0.00	30.01 2.45 0.00	32.95 2.85 0.00	37.87 3.18 -0.98	39.81 3.31 0.00	38.25 3.18 0.00	28.91 2.42 0.00	33.18 2.87 0.00	38.76 3.39 0.00	37.64 3.24 0.00	66.21 5.50 0.00	70.54 5.78 0.00	75.76 6.38 0.00	42.60 3.64 0.00	27.85 2.40 0.00	30.98 2.35 -2.14	26.67 1.93 0.00
WEST BABYLON___IC 23714	63.17 0.56 -58.19	24.69 0.51 -19.98	40.56 2.71 -14.70	44.75 3.02 -14.88	33.72 3.27 -2.30	44.65 3.15 -15.83	26.05 1.01 -17.07	17.71 2.00 0.00	31.12 3.56 0.00	36.71 4.13 -2.48	60.79 4.45 -22.62	96.49 4.67 -55.32	58.92 4.53 -19.33	55.79 3.40 -25.91	72.74 4.07 -38.36	112.84 4.81 -72.66	140.05 4.60 -101.05	135.28 7.66 -66.92	94.28 8.09 -21.43	81.80 8.75 -3.67	49.30 5.18 -5.15	74.25 3.44 -45.36	89.91 3.57 -59.85	69.70 3.01 -41.96
WEST CANADA___HYD 24049	3.50 0.03 0.95	3.84 0.03 0.40	23.10 0.16 0.22	26.67 0.16 0.34	28.30 0.20 0.06	25.43 0.18 0.41	7.65 0.06 0.38	15.83 0.12 0.00	27.78 0.22 0.00	30.37 0.27 0.00	33.99 0.30 0.03	36.85 0.35 0.00	35.41 0.35 0.00	26.75 0.27 0.00	30.61 0.30 0.00	35.72 0.36 0.00	34.74 0.34 0.00	61.28 0.58 0.00	65.35 0.60 0.00	70.08 0.70 0.00	39.35 0.39 0.00	25.71 0.26 0.00	26.69 0.27 0.06	24.96 0.22 0.00
WESTERN_NY_WIND 24143	9.22 -0.19 -5.00	6.16 -0.14 -2.10	23.18 -1.12 -1.14	27.60 -1.06 -1.81	27.73 -0.75 -0.32	27.23 -0.60 -2.17	9.75 -0.21 -1.99	15.22 -0.49 0.00	26.79 -0.77 0.00	29.20 -0.89 0.00	32.73 -1.14 -0.15	35.43 -1.07 0.00	34.23 -0.83 0.00	25.82 -0.66 0.00	29.40 -0.91 0.00	34.55 -0.82 0.00	33.88 -0.53 0.00	60.76 0.06 0.00	64.66 -0.10 0.00	68.72 -0.66 0.00	38.37 -0.59 0.00	24.84 -0.61 0.00	25.86 -0.95 -0.33	23.74 -1.00 0.00
WESTOVER___LESR 323668	16.15 0.14 -11.59	9.19 0.13 -4.86	26.45 0.65 -2.65	31.83 0.78 -4.20	29.77 0.86 -0.75	31.49 0.79 -5.04	12.81 0.22 -4.62	16.17 0.47 0.00	28.48 0.92 0.00	31.22 1.12 0.00	35.28 1.21 -0.35	37.87 1.37 0.00	36.42 1.36 0.00	27.47 0.98 0.00	31.45 1.14 0.00	36.73 1.37 0.00	35.71 1.31 0.00	62.99 2.29 0.00	67.01 2.26 0.00	71.79 2.41 0.00	40.25 1.29 0.00	26.34 0.88 0.00	28.11 0.86 -0.76	25.46 0.73 0.00



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