

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/10/2017

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	22.20	20.92	17.98	16.35	16.85	16.66	21.19	26.64	33.19	35.68	37.08	37.87	38.18	40.01	41.86	47.17	52.97	51.89	41.83	37.88	37.27	37.21	35.90	28.83
24138	1.89	1.50	1.23	1.20	1.24	1.35	2.03	2.54	2.84	3.22	3.50	3.83	4.15	4.55	4.76	5.15	5.25	5.34	4.92	4.53	4.43	3.77	3.12	2.40
	-5.68	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.40	-9.15	-8.74	-7.61	-5.45	-3.11	-2.24	-2.60	-4.46	-9.40	-6.72	-0.74	-0.02	-0.50	-6.14	-10.47	-7.93
74TH STREET_GT_1	22.22	20.95	18.00	16.37	16.86	16.68	21.23	26.96	33.81	36.30	37.63	38.27	38.42	40.19	41.89	47.17	52.93	51.89	41.87	37.92	37.37	37.68	36.63	29.22
24260	1.90	1.52	1.25	1.22	1.25	1.36	2.05	2.56	2.84	3.25	3.53	3.86	4.17	4.59	4.79	5.15	5.21	5.34	4.96	4.57	4.49	3.82	3.15	2.44
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-9.33	-8.13	-5.82	-3.32	-2.39	-2.60	-4.46	-9.40	-6.72	-0.74	-0.02	-0.53	-6.55	-11.18	-8.28
74TH STREET_GT_2	22.22	20.95	18.00	16.37	16.86	16.68	21.23	26.96	33.81	36.30	37.63	38.27	38.42	40.19	41.89	47.17	52.93	51.89	41.87	37.92	37.37	37.68	36.63	29.22
24261	1.90	1.52	1.25	1.22	1.25	1.36	2.05	2.56	2.84	3.25	3.53	3.86	4.17	4.59	4.79	5.15	5.21	5.34	4.96	4.57	4.49	3.82	3.15	2.44
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-9.33	-8.13	-5.82	-3.32	-2.39	-2.60	-4.46	-9.40	-6.72	-0.74	-0.02	-0.53	-6.55	-11.18	-8.28
ADK HUDSON___FALLS	22.87	22.45	19.47	17.35	17.95	17.38	20.60	20.82	22.45	25.21	27.68	30.50	33.06	35.61	37.44	40.95	42.35	43.64	39.04	35.63	34.64	29.24	23.88	23.52
24011	0.79	0.59	0.53	0.52	0.51	0.58	0.88	1.12	1.25	1.49	1.71	1.92	2.13	2.39	2.66	2.89	2.99	3.07	2.79	2.30	2.30	1.94	1.56	1.29
	-7.45	-9.99	-8.85	-6.82	-7.37	-6.02	-3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-0.49	-1.04	-0.74	-0.08	0.00	0.00	0.00	-0.02	-3.73
ADK RESOURCE___RCVRY	22.92	22.46	19.48	17.39	17.98	17.43	20.72	21.02	22.64	25.42	27.89	30.73	33.28	35.84	37.74	41.31	42.82	44.11	39.31	35.86	34.87	29.44	24.07	23.60
23798	0.91	0.69	0.62	0.61	0.60	0.68	1.03	1.32	1.44	1.71	1.92	2.15	2.35	2.62	2.90	3.16	3.26	3.38	3.04	2.53	2.52	2.13	1.74	1.41
	-7.39	-9.91	-8.78	-6.76	-7.31	-5.97	-3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	-0.59	-1.24	-0.89	-0.10	0.00	0.00	0.00	-0.02	-3.70
ADK S GLENS___FALLS	22.87	22.45	19.47	17.35	17.95	17.38	20.60	20.82	22.45	25.21	27.68	30.50	33.06	35.61	37.44	40.95	42.35	43.64	39.04	35.63	34.64	29.24	23.88	23.52
24028	0.79	0.59	0.53	0.52	0.51	0.58	0.88	1.12	1.25	1.49	1.71	1.92	2.13	2.39	2.66	2.89	2.99	3.07	2.79	2.30	2.30	1.94	1.56	1.29
	-7.45	-9.99	-8.85	-6.82	-7.37	-6.02	-3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	-0.49	-1.04	-0.74	-0.08	0.00	0.00	0.00	-0.02	-3.73
ADK_NYS___DAM	22.87	22.40	19.41	17.35	17.94	17.42	20.76	21.12	22.66	25.42	27.81	30.65	33.16	35.71	37.49	40.98	42.44	43.72	39.08	35.76	34.74	29.35	24.04	23.49
23527	0.98	0.78	0.69	0.69	0.68	0.77	1.13	1.42	1.46	1.71	1.84	2.06	2.23	2.49	2.69	2.89	3.03	3.11	2.82	2.43	2.39	2.05	1.72	1.35
	-7.27	-9.75	-8.63	-6.65	-7.19	-5.87	-3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-0.52	-1.09	-0.78	-0.09	0.00	0.00	0.00	-0.02	-3.64
AIR_PRODUCTS___DRP	22.33	21.93	18.98	16.94	17.54	16.98	20.17	20.44	21.94	24.62	26.98	29.70	32.17	34.61	36.05	39.18	40.01	41.47	37.73	34.67	33.70	28.45	23.24	22.84
24190	0.54	0.45	0.38	0.37	0.38	0.41	0.59	0.75	0.74	0.90	1.01	1.11	1.24	1.39	1.55	1.61	1.68	1.63	1.55	1.33	1.36	1.15	0.94	0.76
	-7.16	-9.61	-8.51	-6.56	-7.09	-5.79	-3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.59
ALBANY___1	22.33	21.93	18.98	16.94	17.54	16.98	20.17	20.44	21.94	24.62	26.98	29.70	32.17	34.61	36.05	39.18	40.01	41.47	37.73	34.67	33.70	28.45	23.24	22.84
23571	0.54	0.45	0.38	0.37	0.38	0.41	0.59	0.75	0.74	0.90	1.01	1.11	1.24	1.39	1.55	1.61	1.68	1.63	1.55	1.33	1.36	1.15	0.94	0.76
	-7.16	-9.61	-8.51	-6.56	-7.09	-5.79	-3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.59
ALBANY___2	22.33	21.93	18.98	16.94	17.54	16.98	20.17	20.44	21.94	24.62	26.98	29.70	32.17	34.61	36.05	39.18	40.01	41.47	37.73	34.67	33.70	28.45	23.24	22.84
23572	0.54	0.45	0.38	0.37	0.38	0.41	0.59	0.75	0.74	0.90	1.01	1.11	1.24	1.39	1.55	1.61	1.68	1.63	1.55	1.33	1.36	1.15	0.94	0.76
	-7.16	-9.61	-8.51	-6.56	-7.09	-5.79	-3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.59
ALBANY___3	22.33	21.93	18.98	16.94	17.54	16.98	20.17	20.44	21.94	24.62	26.98	29.70	32.17	34.61	36.05	39.18	40.01	41.47	37.73	34.67	33.70	28.45	23.24	22.84
23573	0.54	0.45	0.38	0.37	0.38	0.41	0.59	0.75	0.74	0.90	1.01	1.11	1.24	1.39	1.55	1.61	1.68	1.63	1.55	1.33	1.36	1.15	0.94	0.76
	-7.16	-9.61	-8.51	-6.56	-7.09	-5.79	-3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.59
ALBANY___4	22.33	21.93	18.98	16.94	17.54	16.98	20.17	20.44	21.94	24.62	26.98	29.70	32.17	34.61	36.05	39.18	40.01	41.47	37.73	34.67	33.70	28.45	23.24	22.84
23574	0.54	0.45	0.38	0.37	0.38	0.41	0.59	0.75	0.74	0.90	1.01	1.11	1.24	1.39	1.55	1.61	1.68	1.63	1.55	1.33	1.36	1.15	0.94	0.76
	-7.16	-9.61	-8.51	-6.56	-7.09	-5.79	-3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.59



ALBANY___LFGE 323615	22.62 0.70 -7.29	22.23 0.58 -9.79	19.26 0.50 -8.67	17.18 0.49 -6.68	17.78 0.49 -7.22	17.21 0.54 -5.90	20.41 0.77 -3.27	20.66 0.96 0.00	22.19 1.00 0.00	24.90 1.19 0.00	27.29 1.32 0.00	30.07 1.49 0.00	32.60 1.67 0.00	35.04 1.83 0.00	36.62 2.03 -0.10	39.91 2.18 -0.16	40.89 2.22 -0.35	42.27 2.19 -0.25	38.26 2.06 -0.03	35.10 1.77 0.00	34.09 1.75 0.00	28.78 1.47 0.00	23.51 1.20 -0.01	23.15 1.00 -3.65
ALCOA_RYNLDS___DRP 24188	13.55 -1.08 0.00	10.94 -0.93 0.00	9.38 -0.71 0.00	9.35 -0.66 0.00	9.35 -0.71 0.00	9.94 -0.84 0.00	15.57 -0.80 0.00	18.75 -0.95 0.00	20.16 -1.04 0.00	22.51 -1.21 0.00	24.65 -1.32 0.00	24.88 -1.46 2.25	24.92 -1.58 4.44	25.14 -1.66 6.42	25.11 -1.69 7.70	28.77 -1.88 6.92	36.45 -1.88 0.00	37.88 -1.95 0.00	34.40 -1.77 0.00	31.67 -1.67 0.00	30.76 -1.58 0.00	25.97 -1.34 0.00	21.19 -1.11 0.00	17.61 -0.89 0.00
ALCOA___DSASP 323711	13.55 -1.08 0.00	10.94 -0.93 0.00	9.38 -0.71 0.00	9.35 -0.66 0.00	9.35 -0.71 0.00	9.94 -0.84 0.00	15.57 -0.80 0.00	18.75 -0.95 0.00	20.16 -1.04 0.00	22.51 -1.21 0.00	24.65 -1.32 0.00	24.88 -1.46 2.25	24.92 -1.58 4.44	25.14 -1.66 6.42	25.11 -1.69 7.70	28.77 -1.88 6.92	36.45 -1.88 0.00	37.88 -1.95 0.00	34.40 -1.77 0.00	31.67 -1.67 0.00	30.76 -1.58 0.00	25.97 -1.34 0.00	21.19 -1.11 0.00	17.61 -0.89 0.00
ALLEGHENY___COGEN 23514	15.99 0.41 -0.95	13.52 0.38 -1.28	11.52 0.30 -1.13	11.15 0.27 -0.87	11.32 0.31 -0.94	11.94 0.40 -0.77	17.16 0.36 -0.43	20.53 0.73 -0.10	23.42 1.23 -0.99	27.14 1.21 -2.22	30.40 1.27 -3.16	32.98 0.52 -3.88	36.42 0.56 -4.94	36.84 -2.23 -5.85	38.18 -2.76 -6.45	41.31 -2.78 -6.53	41.78 -2.99 -6.45	41.66 -2.79 -4.62	37.93 -2.82 -4.58	33.34 -2.33 -2.35	31.63 -2.59 -1.88	28.35 1.04 -0.01	23.26 0.85 -0.11	19.49 0.52 -0.48
ALTONA_WT_PWR 323606	13.81 -0.82 0.00	11.17 -0.70 0.00	9.54 -0.54 0.00	9.50 -0.51 0.00	9.50 -0.56 0.00	10.15 -0.63 0.00	15.78 -0.59 0.00	19.03 -0.67 0.00	20.45 -0.74 0.00	22.84 -0.88 0.00	25.01 -0.96 0.00	25.25 -1.09 2.25	25.32 -1.18 4.44	25.54 -1.26 6.42	25.52 -1.28 7.70	29.25 -1.39 6.92	37.02 -1.30 0.00	38.52 -1.31 0.00	34.98 -1.19 0.00	32.23 -1.10 0.00	31.31 -1.04 0.00	26.40 -0.90 0.00	21.46 -0.85 0.00	17.81 -0.68 0.00
AMERICAN_REF_FUEL 24010	15.25 -0.25 -0.87	12.97 -0.06 -1.16	11.06 -0.06 -1.03	10.72 -0.08 -0.79	10.87 -0.05 -0.86	11.47 -0.01 -0.70	16.11 -0.66 -0.39	19.45 -0.55 -0.30	24.03 -0.15 -2.98	29.92 -0.45 -6.66	34.68 -0.78 -9.49	39.56 -0.69 -11.66	45.05 -0.71 -14.83	49.83 -1.83 -17.58	52.05 -1.69 -19.38	55.49 -2.07 -19.61	55.62 -2.07 -19.37	51.91 -1.79 -13.87	48.17 -1.77 -13.77	39.28 -1.10 -7.05	36.37 -1.62 -5.64	26.04 -1.28 -0.02	21.73 -0.92 -0.34	18.05 -0.89 -0.44
ARTHUR_KILL_GT_1 23520	22.27 1.95 -5.69	20.99 1.57 -7.56	18.02 1.27 -6.66	16.37 1.22 -5.13	16.88 1.27 -5.55	16.64 1.33 -4.54	21.08 1.90 -2.81	26.73 2.44 -4.59	33.53 2.78 -9.56	38.46 3.22 -11.52	38.50 3.50 -9.02	38.89 3.83 -6.47	38.77 4.15 -3.69	40.11 4.59 -2.31	41.71 4.62 -2.59	46.86 4.85 -4.45	52.66 4.95 -9.39	51.56 5.02 -6.71	41.68 4.74 -0.77	38.67 4.47 -0.87	38.51 4.43 -1.74	38.51 3.77 -7.44	38.46 3.01 -13.15	30.80 2.39 -9.92
ARTHUR_KILL_2 23512	22.27 1.95 -5.69	20.99 1.57 -7.56	18.02 1.27 -6.66	16.37 1.22 -5.13	16.88 1.27 -5.55	16.64 1.33 -4.54	21.08 1.90 -2.81	26.73 2.44 -4.59	33.53 2.78 -9.56	38.46 3.22 -11.52	38.50 3.50 -9.02	38.89 3.83 -6.47	38.77 4.15 -3.69	40.11 4.59 -2.31	41.71 4.62 -2.59	46.86 4.85 -4.45	52.66 4.95 -9.39	51.56 5.02 -6.71	41.68 4.74 -0.77	38.67 4.47 -0.87	38.51 4.43 -1.74	38.51 3.77 -7.44	38.46 3.01 -13.15	30.80 2.39 -9.92
ARTHUR_KILL_3 23513	22.18 1.87 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.67 1.36 -4.54	21.20 2.03 -2.80	26.81 2.52 -4.60	33.51 2.75 -9.56	38.37 3.13 -11.53	38.40 3.40 -9.03	38.75 3.69 -6.47	38.65 4.02 -3.70	39.92 4.38 -2.32	41.72 4.62 -2.60	47.02 5.00 -4.46	52.78 5.06 -9.40	51.65 5.10 -6.72	41.72 4.77 -0.77	38.64 4.43 -0.88	38.42 4.34 -1.74	38.43 3.68 -7.44	38.50 3.06 -13.14	30.79 2.39 -9.91
ASHOKAN____ 23654	21.84 1.14 -6.07	20.85 0.84 -8.14	17.99 0.70 -7.21	16.32 0.75 -5.56	16.85 0.78 -6.01	16.51 0.83 -4.91	20.22 1.13 -2.72	21.10 1.40 0.00	23.00 1.80 0.00	25.75 2.04 0.00	28.33 2.36 0.00	31.27 2.69 0.00	33.96 3.03 0.00	36.47 3.26 0.00	39.63 3.83 -1.30	43.82 4.02 -2.23	47.25 4.22 -4.71	47.54 4.34 -3.37	40.42 3.87 -0.37	36.83 3.50 0.00	35.58 3.23 0.00	30.17 2.87 0.00	24.62 2.23 -0.08	23.11 1.57 -3.04
ASTORIA_EAST_ENERGY_CC1 323581	22.26 1.95 -5.69	20.99 1.57 -7.56	18.04 1.29 -6.66	16.39 1.24 -5.13	16.93 1.32 -5.55	16.70 1.38 -4.54	21.21 2.05 -2.79	26.84 2.60 -4.55	33.55 2.88 -9.47	36.05 3.30 -9.04	37.42 3.58 -7.87	38.08 3.86 -5.63	38.31 4.17 -3.21	40.11 4.59 -2.31	41.78 4.69 -2.59	46.75 4.73 -4.45	52.51 4.79 -9.39	51.36 4.82 -6.71	41.54 4.63 -0.74	37.74 4.40 -0.01	37.31 4.46 -0.50	37.44 3.79 -6.35	36.19 3.06 -10.83	29.07 2.46 -8.11
ASTORIA_EAST_ENERGY_CC2 323582	22.26 1.95 -5.69	20.99 1.57 -7.56	18.04 1.29 -6.66	16.39 1.24 -5.13	16.93 1.32 -5.55	16.70 1.38 -4.54	21.21 2.05 -2.79	26.84 2.60 -4.55	33.55 2.88 -9.47	36.05 3.30 -9.04	37.42 3.58 -7.87	38.08 3.86 -5.63	38.31 4.17 -3.21	40.11 4.59 -2.31	41.78 4.69 -2.59	46.75 4.73 -4.45	52.51 4.79 -9.39	51.36 4.82 -6.71	41.54 4.63 -0.74	37.74 4.40 -0.01	37.31 4.46 -0.50	37.44 3.79 -6.35	36.19 3.06 -10.83	29.07 2.46 -8.11
ASTORIA_GT2_1 24094	22.26 1.95 -5.69	20.99 1.57 -7.56	18.04 1.29 -6.66	16.39 1.24 -5.13	16.93 1.32 -5.55	16.71 1.39 -4.54	21.21 2.05 -2.79	26.84 2.60 -4.55	33.57 2.90 -9.47	36.07 3.32 -9.04	37.42 3.58 -7.87	38.11 3.89 -5.63	38.35 4.21 -3.21	40.14 4.62 -2.31	41.78 4.69 -2.59	46.78 4.77 -4.45	52.55 4.83 -9.39	51.40 4.86 -6.71	41.54 4.63 -0.74	37.77 4.43 -0.01	37.34 4.49 -0.50	37.44 3.79 -6.35	36.22 3.08 -10.83	29.08 2.48 -8.11
ASTORIA_GT2_2 24095	22.26 1.95 -5.69	20.99 1.57 -7.56	18.04 1.29 -6.66	16.39 1.24 -5.13	16.93 1.32 -5.55	16.71 1.39 -4.54	21.21 2.05 -2.79	26.84 2.60 -4.55	33.57 2.90 -9.47	36.07 3.32 -9.04	37.42 3.58 -7.87	38.11 3.89 -5.63	38.35 4.21 -3.21	40.14 4.62 -2.31	41.78 4.69 -2.59	46.78 4.77 -4.45	52.55 4.83 -9.39	51.40 4.86 -6.71	41.54 4.63 -0.74	37.77 4.43 -0.01	37.34 4.49 -0.50	37.44 3.79 -6.35	36.22 3.08 -10.83	29.08 2.48 -8.11
ASTORIA_GT2_3 24096	22.26 1.95 -5.69	20.99 1.57 -7.56	18.04 1.29 -6.66	16.39 1.24 -5.13	16.93 1.32 -5.55	16.71 1.39 -4.54	21.21 2.05 -2.79	26.84 2.60 -4.55	33.57 2.90 -9.47	36.07 3.32 -9.04	37.42 3.58 -7.87	38.11 3.89 -5.63	38.35 4.21 -3.21	40.14 4.62 -2.31	41.78 4.69 -2.59	46.78 4.77 -4.45	52.55 4.83 -9.39	51.40 4.86 -6.71	41.54 4.63 -0.74	37.77 4.43 -0.01	37.34 4.49 -0.50	37.44 3.79 -6.35	36.22 3.08 -10.83	29.08 2.48 -8.11



ASTORIA_GT2_4 24097	22.26	20.99	18.04	16.39	16.93	16.71	21.21	26.84	33.57	36.07	37.42	38.11	38.35	40.14	41.78	46.78	52.55	51.40	41.54	37.77	37.34	37.44	36.22	29.08
	1.95	1.57	1.29	1.24	1.32	1.39	2.05	2.60	2.90	3.32	3.58	3.89	4.21	4.62	4.69	4.77	4.83	4.86	4.63	4.43	4.49	3.79	3.08	2.48
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.55	-9.47	-9.04	-7.87	-5.63	-3.21	-2.31	-2.59	-4.45	-9.39	-6.71	-0.74	-0.01	-0.50	-6.35	-10.83	-8.11
ASTORIA_GT3_1 24098	22.26	20.99	18.04	16.39	16.93	16.71	21.21	26.84	33.57	36.07	37.42	38.11	38.35	40.14	41.78	46.78	52.55	51.40	41.54	37.77	37.34	37.44	36.22	29.08
	1.95	1.57	1.29	1.24	1.32	1.39	2.05	2.60	2.90	3.32	3.58	3.89	4.21	4.62	4.69	4.77	4.83	4.86	4.63	4.43	4.49	3.79	3.08	2.48
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.55	-9.47	-9.04	-7.87	-5.63	-3.21	-2.31	-2.59	-4.45	-9.39	-6.71	-0.74	-0.01	-0.50	-6.35	-10.83	-8.11
ASTORIA_GT3_2 24099	22.26	20.99	18.04	16.39	16.93	16.71	21.21	26.84	33.57	36.07	37.42	38.11	38.35	40.14	41.78	46.78	52.55	51.40	41.54	37.77	37.34	37.44	36.22	29.08
	1.95	1.57	1.29	1.24	1.32	1.39	2.05	2.60	2.90	3.32	3.58	3.89	4.21	4.62	4.69	4.77	4.83	4.86	4.63	4.43	4.49	3.79	3.08	2.48
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.55	-9.47	-9.04	-7.87	-5.63	-3.21	-2.31	-2.59	-4.45	-9.39	-6.71	-0.74	-0.01	-0.50	-6.35	-10.83	-8.11
ASTORIA_GT3_3 24100	22.26	20.99	18.04	16.39	16.93	16.71	21.21	26.84	33.57	36.07	37.42	38.11	38.35	40.14	41.78	46.78	52.55	51.40	41.54	37.77	37.34	37.44	36.22	29.08
	1.95	1.57	1.29	1.24	1.32	1.39	2.05	2.60	2.90	3.32	3.58	3.89	4.21	4.62	4.69	4.77	4.83	4.86	4.63	4.43	4.49	3.79	3.08	2.48
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.55	-9.47	-9.04	-7.87	-5.63	-3.21	-2.31	-2.59	-4.45	-9.39	-6.71	-0.74	-0.01	-0.50	-6.35	-10.83	-8.11
ASTORIA_GT3_4 24101	22.26	20.99	18.04	16.39	16.93	16.71	21.21	26.84	33.57	36.07	37.42	38.11	38.35	40.14	41.78	46.78	52.55	51.40	41.54	37.77	37.34	37.44	36.22	29.08
	1.95	1.57	1.29	1.24	1.32	1.39	2.05	2.60	2.90	3.32	3.58	3.89	4.21	4.62	4.69	4.77	4.83	4.86	4.63	4.43	4.49	3.79	3.08	2.48
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.55	-9.47	-9.04	-7.87	-5.63	-3.21	-2.31	-2.59	-4.45	-9.39	-6.71	-0.74	-0.01	-0.50	-6.35	-10.83	-8.11
ASTORIA_GT4_1 24102	22.26	20.99	18.04	16.39	16.93	16.71	21.21	26.84	33.57	36.07	37.42	38.11	38.35	40.14	41.78	46.78	52.55	51.40	41.54	37.77	37.34	37.44	36.22	29.08
	1.95	1.57	1.29	1.24	1.32	1.39	2.05	2.60	2.90	3.32	3.58	3.89	4.21	4.62	4.69	4.77	4.83	4.86	4.63	4.43	4.49	3.79	3.08	2.48
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.55	-9.47	-9.04	-7.87	-5.63	-3.21	-2.31	-2.59	-4.45	-9.39	-6.71	-0.74	-0.01	-0.50	-6.35	-10.83	-8.11
ASTORIA_GT4_2 24103	22.26	20.99	18.04	16.39	16.93	16.71	21.21	26.84	33.57	36.07	37.42	38.11	38.35	40.14	41.78	46.78	52.55	51.40	41.54	37.77	37.34	37.44	36.22	29.08
	1.95	1.57	1.29	1.24	1.32	1.39	2.05	2.60	2.90	3.32	3.58	3.89	4.21	4.62	4.69	4.77	4.83	4.86	4.63	4.43	4.49	3.79	3.08	2.48
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.55	-9.47	-9.04	-7.87	-5.63	-3.21	-2.31	-2.59	-4.45	-9.39	-6.71	-0.74	-0.01	-0.50	-6.35	-10.83	-8.11
ASTORIA_GT4_3 24104	22.26	20.99	18.04	16.39	16.93	16.71	21.21	26.84	33.57	36.07	37.42	38.11	38.35	40.14	41.78	46.78	52.55	51.40	41.54	37.77	37.34	37.44	36.22	29.08
	1.95	1.57	1.29	1.24	1.32	1.39	2.05	2.60	2.90	3.32	3.58	3.89	4.21	4.62	4.69	4.77	4.83	4.86	4.63	4.43	4.49	3.79	3.08	2.48
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.55	-9.47	-9.04	-7.87	-5.63	-3.21	-2.31	-2.59	-4.45	-9.39	-6.71	-0.74	-0.01	-0.50	-6.35	-10.83	-8.11
ASTORIA_GT4_4 24105	22.26	20.99	18.04	16.39	16.93	16.71	21.21	26.84	33.57	36.07	37.42	38.11	38.35	40.14	41.78	46.78	52.55	51.40	41.54	37.77	37.34	37.44	36.22	29.08
	1.95	1.57	1.29	1.24	1.32	1.39	2.05	2.60	2.90	3.32	3.58	3.89	4.21	4.62	4.69	4.77	4.83	4.86	4.63	4.43	4.49	3.79	3.08	2.48
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.55	-9.47	-9.04	-7.87	-5.63	-3.21	-2.31	-2.59	-4.45	-9.39	-6.71	-0.74	-0.01	-0.50	-6.35	-10.83	-8.11
ASTORIA_GT_1 23523	22.26	20.99	18.04	16.39	16.93	16.71	21.21	26.84	33.57	36.07	37.42	38.11	38.35	40.14	41.78	46.78	52.55	51.40	41.54	37.77	37.34	37.44	36.22	29.08
	1.95	1.57	1.29	1.24	1.32	1.39	2.05	2.60	2.90	3.32	3.58	3.89	4.21	4.62	4.69	4.77	4.83	4.86	4.63	4.43	4.49	3.79	3.08	2.48
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.55	-9.47	-9.04	-7.87	-5.63	-3.21	-2.31	-2.59	-4.45	-9.39	-6.71	-0.74	-0.01	-0.50	-6.35	-10.83	-8.11
ASTORIA_GT_10 24110	22.23	20.96	18.01	16.37	16.89	16.69	21.21	26.98	33.83	36.39	37.65	38.27	38.42	40.19	41.82	46.94	52.70	51.61	41.73	37.85	37.37	37.65	36.55	29.22
	1.92	1.53	1.26	1.22	1.28	1.37	2.03	2.58	2.86	3.27	3.56	3.86	4.17	4.59	4.73	4.92	4.98	5.06	4.81	4.50	4.49	3.79	3.08	2.44
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-9.40	-8.13	-5.82	-3.32	-2.39	-2.60	-4.46	-9.40	-6.72	-0.74	-0.02	-0.53	-6.55	-11.17	-8.28
ASTORIA_GT_11 24225	22.23	20.96	18.01	16.37	16.89	16.69	21.21	26.98	33.83	36.39	37.65	38.27	38.42	40.19	41.82	46.94	52.70	51.61	41.73	37.85	37.37	37.65	36.55	29.22
	1.92	1.53	1.26	1.22	1.28	1.37	2.03	2.58	2.86	3.27	3.56	3.86	4.17	4.59	4.73	4.92	4.98	5.06	4.81	4.50	4.49	3.79	3.08	2.44
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-9.40	-8.13	-5.82	-3.32	-2.39	-2.60	-4.46	-9.40	-6.72	-0.74	-0.02	-0.53	-6.55	-11.17	-8.28
ASTORIA_GT_12 24226	22.23	20.96	18.01	16.37	16.89	16.69	21.21	26.98	33.83	36.39	37.65	38.27	38.42	40.19	41.82	46.94	52.70	51.61	41.73	37.85	37.37	37.65	36.55	29.22
	1.92	1.53	1.26	1.22	1.28	1.37	2.03	2.58	2.86	3.27	3.56	3.86	4.17	4.59	4.73	4.92	4.98	5.06	4.81	4.50	4.49	3.79	3.08	2.44
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-9.40	-8.13	-5.82	-3.32	-2.39	-2.60	-4.46	-9.40	-6.72	-0.74	-0.02	-0.53	-6.55	-11.17	-8.28
ASTORIA_GT_13 24227	22.23	20.96	18.01	16.37	16.89	16.69	21.21	26.98	33.83	36.39	37.65	38.27	38.42	40.19	41.82	46.94	52.70	51.61	41.73	37.85	37.37	37.65	36.55	29.22
	1.92	1.53	1.26	1.22	1.28	1.37	2.03	2.58	2.86	3.27	3.56	3.86	4.17	4.59	4.73	4.92	4.98	5.06	4.81	4.50	4.49	3.79	3.08	2.44
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-9.40	-8.13	-5.82	-3.32	-2.39	-2.60	-4.46	-9.40	-6.72	-0.74	-0.02	-0.53	-6.55	-11.17	-8.28
ASTORIA_GT_5 24106	22.26	20.99	18.04	16.39	16.93	16.71	21.21	26.84	33.57	36.07	37.42	38.11	38.35	40.14	41.78	46.78	52.55	51.40	41.54	37.77	37.34	37.44	36.22	29.08
	1.95	1.57	1.29	1.24	1.32	1.39	2.05	2.60	2.90	3.32	3.58	3.89	4.21	4.62	4.69	4.77	4.83	4.86	4.63	4.43	4.49	3.79	3.08	2.48
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.79	-4.55	-9.47	-9.04	-7.87	-5.63	-3.21	-2.31	-2.59	-4.45	-9.39	-6.71	-0.74	-0.01	-0.50	-6.35	-10.83	-8.11



ASTORIA_GT_7 24107	22.26 1.95 -5.69	20.99 1.57 -7.56	18.04 1.29 -6.66	16.39 1.24 -5.13	16.93 1.32 -5.55	16.71 1.39 -4.54	21.21 2.05 -2.79	26.84 2.60 -4.55	33.57 2.90 -9.47	36.07 3.32 -9.04	37.42 3.58 -7.87	38.11 3.89 -5.63	38.35 4.21 -3.21	40.14 4.62 -2.31	41.78 4.69 -2.59	46.78 4.77 -4.45	52.55 4.83 -9.39	51.40 4.86 -6.71	41.54 4.63 -0.74	37.77 4.43 -0.01	37.34 4.49 -0.50	37.44 3.79 -6.35	36.22 3.08 -10.83	29.08 2.48 -8.11
ASTORIA_GT_8 24108	22.26 1.95 -5.69	20.99 1.57 -7.56	18.04 1.29 -6.66	16.39 1.24 -5.13	16.93 1.32 -5.55	16.71 1.39 -4.54	21.21 2.05 -2.79	26.84 2.60 -4.55	33.57 2.90 -9.47	36.07 3.32 -9.04	37.42 3.58 -7.87	38.11 3.89 -5.63	38.35 4.21 -3.21	40.14 4.62 -2.31	41.78 4.69 -2.59	46.78 4.77 -4.45	52.55 4.83 -9.39	51.40 4.86 -6.71	41.54 4.63 -0.74	37.77 4.43 -0.01	37.34 4.49 -0.50	37.44 3.79 -6.35	36.22 3.08 -10.83	29.08 2.48 -8.11
ASTORIA___2 24149	22.26 1.95 -5.69	20.99 1.57 -7.56	18.04 1.29 -6.66	16.39 1.24 -5.13	16.93 1.32 -5.55	16.71 1.39 -4.54	21.21 2.05 -2.79	26.84 2.60 -4.55	33.57 2.90 -9.47	36.07 3.32 -9.04	37.42 3.58 -7.87	38.11 3.89 -5.63	38.35 4.21 -3.21	40.14 4.62 -2.31	41.78 4.69 -2.59	46.78 4.77 -4.45	52.55 4.83 -9.39	51.40 4.86 -6.71	41.54 4.63 -0.74	37.77 4.43 -0.01	37.34 4.49 -0.50	37.44 3.79 -6.35	36.22 3.08 -10.83	29.08 2.48 -8.11
ASTORIA___3 23516	22.23 1.92 -5.69	20.96 1.53 -7.56	18.01 1.26 -6.66	16.37 1.22 -5.13	16.89 1.28 -5.55	16.69 1.37 -4.54	21.21 2.03 -2.81	26.98 2.58 -4.70	33.83 2.86 -9.77	36.39 3.27 -9.40	37.65 3.56 -8.13	38.27 3.86 -5.82	38.42 4.17 -3.32	40.19 4.59 -2.39	41.82 4.73 -2.60	46.94 4.92 -4.46	52.70 4.98 -9.40	51.61 5.06 -6.72	41.73 4.81 -0.74	37.85 4.50 -0.02	37.37 4.49 -0.53	37.65 3.79 -6.55	36.55 3.08 -11.17	29.22 2.44 -8.28
ASTORIA___4 23517	22.26 1.95 -5.69	20.99 1.57 -7.56	18.04 1.29 -6.66	16.39 1.24 -5.13	16.93 1.32 -5.55	16.71 1.39 -4.54	21.21 2.05 -2.79	26.84 2.60 -4.55	33.57 2.90 -9.47	36.07 3.32 -9.04	37.42 3.58 -7.87	38.11 3.89 -5.63	38.35 4.21 -3.21	40.14 4.62 -2.31	41.78 4.69 -2.59	46.78 4.77 -4.45	52.55 4.83 -9.39	51.40 4.86 -6.71	41.54 4.63 -0.74	37.77 4.43 -0.01	37.34 4.49 -0.50	37.44 3.79 -6.35	36.22 3.08 -10.83	29.08 2.48 -8.11
ASTORIA___5 23518	22.23 1.92 -5.69	20.96 1.53 -7.56	18.01 1.26 -6.66	16.37 1.22 -5.13	16.89 1.28 -5.55	16.69 1.37 -4.54	21.21 2.03 -2.81	26.98 2.58 -4.70	33.83 2.86 -9.77	36.39 3.27 -9.40	37.65 3.56 -8.13	38.27 3.86 -5.82	38.42 4.17 -3.32	40.19 4.59 -2.39	41.82 4.73 -2.60	46.94 4.92 -4.46	52.70 4.98 -9.40	51.61 5.06 -6.72	41.73 4.81 -0.74	37.85 4.50 -0.02	37.37 4.49 -0.53	37.65 3.79 -6.55	36.55 3.08 -11.17	29.22 2.44 -8.28
AST_ENERGY_2_CC3 323677	22.20 1.89 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.85 1.24 -5.55	16.67 1.36 -4.54	21.20 2.03 -2.80	26.75 2.50 -4.56	33.45 2.78 -9.47	35.92 3.15 -9.05	37.27 3.43 -7.88	37.97 3.74 -5.64	38.23 4.08 -3.22	39.99 4.45 -2.32	41.75 4.65 -2.60	47.06 5.04 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.73 4.81 -0.74	37.82 4.47 -0.02	37.22 4.36 -0.51	37.40 3.74 -6.35	36.22 3.08 -10.84	29.00 2.39 -8.12
AST_ENERGY_2_CC4 323678	22.20 1.89 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.85 1.24 -5.55	16.67 1.36 -4.54	21.20 2.03 -2.80	26.75 2.50 -4.56	33.45 2.78 -9.47	35.92 3.15 -9.05	37.27 3.43 -7.88	37.97 3.74 -5.64	38.23 4.08 -3.22	39.99 4.45 -2.32	41.75 4.65 -2.60	47.06 5.04 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.73 4.81 -0.74	37.82 4.47 -0.02	37.22 4.36 -0.51	37.40 3.74 -6.35	36.22 3.08 -10.84	29.00 2.39 -8.12
ATHENS_STG_1 23668	21.89 1.04 -6.22	21.07 0.85 -8.35	18.20 0.72 -7.39	16.42 0.71 -5.70	16.94 0.71 -6.16	16.58 0.78 -5.03	20.31 1.15 -2.79	21.12 1.42 0.00	22.70 1.51 0.00	25.45 1.73 0.00	27.84 1.87 0.00	30.65 2.06 0.00	33.16 2.23 0.00	35.64 2.42 0.00	35.89 2.55 1.15	38.33 2.74 1.98	36.95 2.80 4.17	39.68 2.83 2.98	38.48 2.64 0.33	35.73 2.40 0.00	34.74 2.39 0.00	29.35 2.05 0.00	23.91 1.67 0.07	22.93 1.31 -3.12
ATHENS_STG_2 23670	21.89 1.04 -6.22	21.07 0.85 -8.35	18.20 0.72 -7.39	16.42 0.71 -5.70	16.94 0.71 -6.16	16.58 0.78 -5.03	20.31 1.15 -2.79	21.12 1.42 0.00	22.70 1.51 0.00	25.45 1.73 0.00	27.84 1.87 0.00	30.65 2.06 0.00	33.16 2.23 0.00	35.64 2.42 0.00	35.89 2.55 1.15	38.33 2.74 1.98	36.95 2.80 4.17	39.68 2.83 2.98	38.48 2.64 0.33	35.73 2.40 0.00	34.74 2.39 0.00	29.35 2.05 0.00	23.91 1.67 0.07	22.93 1.31 -3.12
ATHENS_STG_3 23677	21.89 1.04 -6.22	21.07 0.85 -8.35	18.20 0.72 -7.39	16.42 0.71 -5.70	16.94 0.71 -6.16	16.58 0.78 -5.03	20.31 1.15 -2.79	21.12 1.42 0.00	22.70 1.51 0.00	25.45 1.73 0.00	27.84 1.87 0.00	30.65 2.06 0.00	33.16 2.23 0.00	35.64 2.42 0.00	35.89 2.55 1.15	38.33 2.74 1.98	36.95 2.80 4.17	39.68 2.83 2.98	38.48 2.64 0.33	35.73 2.40 0.00	34.74 2.39 0.00	29.35 2.05 0.00	23.91 1.67 0.07	22.93 1.31 -3.12
AUBURN___LFGE 323710	15.82 0.48 -0.71	13.23 0.42 -0.95	11.24 0.31 -0.84	10.95 0.29 -0.65	11.08 0.31 -0.70	11.71 0.37 -0.57	17.16 0.48 -0.32	20.35 0.65 0.00	22.09 0.89 0.00	24.73 0.95 -0.07	27.36 1.04 -0.36	30.45 1.17 -0.69	33.10 1.30 -0.87	35.93 1.43 -1.29	37.26 1.34 -1.42	40.54 1.58 -1.40	41.07 1.46 -1.29	43.02 1.55 -1.64	39.23 1.41 -1.64	36.03 1.40 -1.30	34.73 1.23 -1.16	28.80 0.98 -0.52	23.08 0.78 0.00	19.46 0.61 -0.36
BABYLON_RES_REC 323704	24.14 2.28 -7.23	21.84 1.79 -8.18	18.21 1.46 -6.66	16.51 1.36 -5.14	18.09 1.47 -6.56	19.61 1.59 -7.24	21.25 2.36 -2.52	25.43 3.01 -2.72	25.64 3.39 -1.05	29.12 3.84 -1.56	31.25 4.05 -1.24	33.00 4.40 -0.01	35.48 4.55 0.00	38.30 5.08 0.00	42.17 5.07 -2.60	47.60 5.56 -4.47	55.01 5.55 -11.14	54.37 5.77 -8.76	42.83 5.39 -1.27	38.43 5.10 0.00	37.19 4.85 0.00	32.96 4.31 -1.35	30.38 3.61 -4.46	28.20 2.85 -6.85
BARRETT_IC_1 23704	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.45	34.90 2.99 -10.71	35.56 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	74.44 5.25 -30.87	64.38 5.30 -19.25	45.06 4.96 -3.93	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.05 3.26 -44.49	65.52 2.55 -44.47
BARRETT_IC_10 23701	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.46	34.90 2.99 -10.72	35.57 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	59.98 5.25 -16.41	56.69 5.30 -11.56	43.11 4.96 -1.98	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.06 3.26 -44.50	65.53 2.55 -44.48



BARRETT_IC_11 23702	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.46	34.90 2.99 -10.72	35.57 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	59.98 5.25 -16.41	56.69 5.30 -11.56	43.11 4.96 -1.98	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.06 3.26 -44.50	65.53 2.55 -44.48
BARRETT_IC_12 23703	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.46	34.90 2.99 -10.72	35.57 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	59.98 5.25 -16.41	56.69 5.30 -11.56	43.11 4.96 -1.98	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.06 3.26 -44.50	65.53 2.55 -44.48
BARRETT_IC_2 23705	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.45	34.90 2.99 -10.71	35.56 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	74.44 5.25 -30.87	64.38 5.30 -19.25	45.06 4.96 -3.93	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.05 3.26 -44.49	65.52 2.55 -44.47
BARRETT_IC_3 23706	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.45	34.90 2.99 -10.71	35.56 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	74.44 5.25 -30.87	64.38 5.30 -19.25	45.06 4.96 -3.93	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.05 3.26 -44.49	65.52 2.55 -44.47
BARRETT_IC_4 23707	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.45	34.90 2.99 -10.71	35.56 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	74.44 5.25 -30.87	64.38 5.30 -19.25	45.06 4.96 -3.93	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.05 3.26 -44.49	65.52 2.55 -44.47
BARRETT_IC_5 23708	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.45	34.90 2.99 -10.71	35.56 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	74.44 5.25 -30.87	64.38 5.30 -19.25	45.06 4.96 -3.93	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.05 3.26 -44.49	65.52 2.55 -44.47
BARRETT_IC_6 23709	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.45	34.90 2.99 -10.71	35.56 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	74.44 5.25 -30.87	64.38 5.30 -19.25	45.06 4.96 -3.93	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.05 3.26 -44.49	65.52 2.55 -44.47
BARRETT_IC_7 23710	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.45	34.90 2.99 -10.71	35.56 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	74.44 5.25 -30.87	64.38 5.30 -19.25	45.06 4.96 -3.93	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.05 3.26 -44.49	65.52 2.55 -44.47
BARRETT_IC_8 23711	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.45	34.90 2.99 -10.71	35.56 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	74.44 5.25 -30.87	64.38 5.30 -19.25	45.06 4.96 -3.93	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.05 3.26 -44.49	65.52 2.55 -44.47
BARRETT_IC_9 23700	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.46	34.90 2.99 -10.72	35.57 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	59.98 5.25 -16.41	56.69 5.30 -11.56	43.11 4.96 -1.98	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.06 3.26 -44.50	65.53 2.55 -44.48
BARRETT___1 23545	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.45	34.90 2.99 -10.71	35.56 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	74.44 5.25 -30.87	64.38 5.30 -19.25	45.06 4.96 -3.93	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.05 3.26 -44.49	65.52 2.55 -44.47
BARRETT___2 23546	33.21 2.03 -16.55	21.75 1.65 -8.24	18.13 1.37 -6.67	16.44 1.28 -5.14	18.00 1.38 -6.56	19.51 1.50 -7.24	21.12 2.23 -2.52	33.89 2.74 -11.46	34.90 2.99 -10.72	35.57 3.32 -8.53	30.61 3.40 -1.24	32.34 3.74 -0.01	34.83 3.90 0.00	37.57 4.35 0.00	41.75 4.65 -2.60	47.15 5.11 -4.47	59.98 5.25 -16.41	56.69 5.30 -11.56	43.11 4.96 -1.98	37.77 4.43 0.00	36.58 4.24 0.00	32.36 3.71 -1.35	70.06 3.26 -44.50	65.53 2.55 -44.48
BAYONEEC___CTG1 323682	22.21 1.90 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.67 1.36 -4.54	21.22 2.05 -2.80	26.80 2.54 -4.56	33.49 2.82 -9.48	35.96 3.20 -9.05	37.33 3.48 -7.88	38.00 3.77 -5.64	38.26 4.11 -3.22	40.02 4.48 -2.32	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.25 4.40 -0.51	37.43 3.77 -6.35	36.27 3.12 -10.84	29.02 2.40 -8.12
BAYONEEC___CTG2 323683	22.21 1.90 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.67 1.36 -4.54	21.22 2.05 -2.80	26.80 2.54 -4.56	33.49 2.82 -9.48	35.96 3.20 -9.05	37.33 3.48 -7.88	38.00 3.77 -5.64	38.26 4.11 -3.22	40.02 4.48 -2.32	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.25 4.40 -0.51	37.43 3.77 -6.35	36.27 3.12 -10.84	29.02 2.40 -8.12
BAYONEEC___CTG3 323684	22.21 1.90 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.67 1.36 -4.54	21.22 2.05 -2.80	26.80 2.54 -4.56	33.49 2.82 -9.48	35.96 3.20 -9.05	37.33 3.48 -7.88	38.00 3.77 -5.64	38.26 4.11 -3.22	40.02 4.48 -2.32	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.25 4.40 -0.51	37.43 3.77 -6.35	36.27 3.12 -10.84	29.02 2.40 -8.12



BAYONEEC___CTG4 323685	22.21 1.90 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.67 1.36 -4.54	21.22 2.05 -2.80	26.80 2.54 -4.56	33.49 2.82 -9.48	35.96 3.20 -9.05	37.33 3.48 -7.88	38.00 3.77 -5.64	38.26 4.11 -3.22	40.02 4.48 -2.32	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.25 4.40 -0.51	37.43 3.77 -6.35	36.27 3.12 -10.84	29.02 2.40 -8.12
BAYONEEC___CTG5 323686	22.21 1.90 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.67 1.36 -4.54	21.22 2.05 -2.80	26.80 2.54 -4.56	33.49 2.82 -9.48	35.96 3.20 -9.05	37.33 3.48 -7.88	38.00 3.77 -5.64	38.26 4.11 -3.22	40.02 4.48 -2.32	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.25 4.40 -0.51	37.43 3.77 -6.35	36.27 3.12 -10.84	29.02 2.40 -8.12
BAYONEEC___CTG6 323687	22.21 1.90 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.67 1.36 -4.54	21.22 2.05 -2.80	26.80 2.54 -4.56	33.49 2.82 -9.48	35.96 3.20 -9.05	37.33 3.48 -7.88	38.00 3.77 -5.64	38.26 4.11 -3.22	40.02 4.48 -2.32	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.25 4.40 -0.51	37.43 3.77 -6.35	36.27 3.12 -10.84	29.02 2.40 -8.12
BAYONEEC___CTG7 323688	22.21 1.90 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.67 1.36 -4.54	21.22 2.05 -2.80	26.80 2.54 -4.56	33.49 2.82 -9.48	35.96 3.20 -9.05	37.33 3.48 -7.88	38.00 3.77 -5.64	38.26 4.11 -3.22	40.02 4.48 -2.32	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.25 4.40 -0.51	37.43 3.77 -6.35	36.27 3.12 -10.84	29.02 2.40 -8.12
BAYONEEC___CTG8 323689	22.21 1.90 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.67 1.36 -4.54	21.22 2.05 -2.80	26.80 2.54 -4.56	33.49 2.82 -9.48	35.96 3.20 -9.05	37.33 3.48 -7.88	38.00 3.77 -5.64	38.26 4.11 -3.22	40.02 4.48 -2.32	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.25 4.40 -0.51	37.43 3.77 -6.35	36.27 3.12 -10.84	29.02 2.40 -8.12
BEACON___LESR 323632	22.52 0.76 -7.13	22.06 0.63 -9.57	19.10 0.53 -8.47	17.06 0.52 -6.53	17.66 0.53 -7.06	17.12 0.58 -5.77	20.41 0.83 -3.20	20.74 1.04 0.00	22.28 1.08 0.00	24.97 1.26 0.00	27.40 1.43 0.00	30.19 1.60 0.00	32.69 1.76 0.00	35.18 1.96 0.00	36.78 2.14 -0.15	40.11 2.29 -0.25	41.19 2.34 -0.53	42.56 2.35 -0.38	38.38 2.17 -0.04	35.23 1.90 0.00	34.25 1.91 0.00	28.89 1.58 0.00	23.61 1.29 -0.01	23.14 1.07 -3.57
BEAVER RIVER___HYD 24048	14.01 -0.61 0.00	11.34 -0.52 0.00	9.65 -0.43 0.00	9.58 -0.43 0.00	9.62 -0.44 0.00	10.31 -0.46 0.00	16.36 -0.08 -0.07	19.58 -0.12 0.00	21.28 0.09 0.00	23.90 0.12 -0.07	26.57 0.23 -0.37	29.67 0.37 -0.71	32.11 0.28 -0.90	34.87 0.33 -1.32	36.30 0.34 -1.46	39.34 0.34 -1.44	39.88 0.23 -1.33	42.03 0.52 -1.68	38.26 0.40 -1.69	34.87 0.20 -1.33	33.70 0.16 -1.19	27.86 0.03 -0.53	22.22 -0.09 0.00	18.41 -0.17 -0.08
BEEBEE_GT_13 23619	15.32 0.03 -0.67	12.83 0.07 -0.89	10.92 0.04 -0.79	10.64 0.02 -0.61	10.77 0.04 -0.66	11.40 0.09 -0.54	16.57 -0.10 -0.30	19.79 0.12 0.02	21.48 0.49 0.20	23.71 0.45 0.45	25.74 0.41 0.64	28.37 0.57 0.79	30.60 0.68 1.01	32.62 0.60 1.19	33.39 0.21 1.31	36.65 0.41 1.33	37.28 0.27 1.31	39.41 0.52 0.94	35.46 0.22 0.93	33.29 0.43 0.48	32.03 0.06 0.38	27.47 0.16 0.00	22.39 0.11 0.02	18.81 -0.02 -0.34
BETHLEHEM___GRP 23843	22.33 0.54 -7.16	21.93 0.45 -9.61	18.98 0.38 -8.51	16.94 0.37 -6.56	17.54 0.38 -7.09	16.98 0.41 -5.79	20.17 0.59 -3.22	20.44 0.75 0.00	21.94 0.74 0.00	24.62 0.90 0.00	26.98 1.01 0.00	29.70 1.11 0.00	32.17 1.24 0.00	34.61 1.39 0.00	36.05 1.55 0.00	39.18 1.61 0.00	40.01 1.68 0.00	41.47 1.63 0.00	37.73 1.55 0.00	34.67 1.33 0.00	33.70 1.36 0.00	28.45 1.15 0.00	23.24 0.94 0.00	22.84 0.76 -3.59
BETHLEHEM___GS1 323560	22.33 0.54 -7.16	21.93 0.45 -9.61	18.98 0.38 -8.51	16.94 0.37 -6.56	17.54 0.38 -7.09	16.98 0.41 -5.79	20.17 0.59 -3.22	20.44 0.75 0.00	21.94 0.74 0.00	24.62 0.90 0.00	26.98 1.01 0.00	29.70 1.11 0.00	32.17 1.24 0.00	34.61 1.39 0.00	36.05 1.55 0.00	39.18 1.61 0.00	40.01 1.68 0.00	41.47 1.63 0.00	37.73 1.55 0.00	34.67 1.33 0.00	33.70 1.36 0.00	28.45 1.15 0.00	23.24 0.94 0.00	22.84 0.76 -3.59
BETHLEHEM___GS2 323561	22.33 0.54 -7.16	21.93 0.45 -9.61	18.98 0.38 -8.51	16.94 0.37 -6.56	17.54 0.38 -7.09	16.98 0.41 -5.79	20.17 0.59 -3.22	20.44 0.75 0.00	21.94 0.74 0.00	24.62 0.90 0.00	26.98 1.01 0.00	29.70 1.11 0.00	32.17 1.24 0.00	34.61 1.39 0.00	36.05 1.55 0.00	39.18 1.61 0.00	40.01 1.68 0.00	41.47 1.63 0.00	37.73 1.55 0.00	34.67 1.33 0.00	33.70 1.36 0.00	28.45 1.15 0.00	23.24 0.94 0.00	22.84 0.76 -3.59
BETHLEHEM___GS3 323562	22.33 0.54 -7.16	21.93 0.45 -9.61	18.98 0.38 -8.51	16.94 0.37 -6.56	17.54 0.38 -7.09	16.98 0.41 -5.79	20.17 0.59 -3.22	20.44 0.75 0.00	21.94 0.74 0.00	24.62 0.90 0.00	26.98 1.01 0.00	29.70 1.11 0.00	32.17 1.24 0.00	34.61 1.39 0.00	36.05 1.55 0.00	39.18 1.61 0.00	40.01 1.68 0.00	41.47 1.63 0.00	37.73 1.55 0.00	34.67 1.33 0.00	33.70 1.36 0.00	28.45 1.15 0.00	23.24 0.94 0.00	22.84 0.76 -3.59
BETHLEHEM___STEEL 23779	15.71 0.16 -0.92	13.35 0.25 -1.24	11.38 0.20 -1.09	11.03 0.18 -0.84	11.19 0.21 -0.91	11.79 0.27 -0.74	16.67 -0.11 -0.41	20.49 0.28 -0.52	27.08 0.76 -5.13	35.77 0.62 -11.44	42.72 0.44 -16.31	49.25 0.63 -20.03	57.09 0.68 -25.48	63.95 0.53 -30.20	67.63 -0.17 -33.30	71.34 0.08 -33.70	71.37 -0.23 -33.28	63.79 0.12 -23.83	59.79 -0.04 -23.65	45.87 0.43 -12.11	41.91 -0.13 -9.70	27.31 -0.03 -0.03	22.97 0.09 -0.58	18.76 -0.20 -0.46
BETHPAGE_CC_5 323564	24.29 2.24 -7.43	21.80 1.76 -8.18	18.19 1.44 -6.66	16.49 1.34 -5.14	18.07 1.45 -6.56	19.59 1.57 -7.24	21.23 2.34 -2.52	25.55 2.95 -2.90	25.73 3.29 -1.25	29.07 3.65 -1.71	31.00 3.79 -1.24	32.68 4.09 -0.01	35.17 4.24 0.00	37.93 4.71 0.00	42.10 5.00 -2.60	47.56 5.52 -4.47	55.40 5.64 -11.44	54.49 5.74 -8.92	42.80 5.32 -1.31	38.10 4.77 0.00	36.87 4.53 0.00	32.67 4.02 -1.35	30.98 3.37 -5.31	28.81 2.66 -7.65
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.81 0.25 -0.93	13.43 0.31 -1.25	11.46 0.26 -1.11	11.11 0.24 -0.85	11.26 0.27 -0.92	11.87 0.33 -0.75	16.79 0.00 -0.42	20.61 0.41 -0.50	27.02 0.91 -4.91	35.47 0.78 -10.97	42.23 0.62 -15.64	48.62 0.83 -19.21	56.26 0.90 -24.44	62.94 0.76 -28.96	66.50 0.07 -31.94	70.26 0.38 -32.32	70.31 0.08 -31.91	63.13 0.44 -22.86	59.11 0.25 -22.68	45.65 0.70 -11.61	41.74 0.10 -9.30	27.53 0.19 -0.03	23.13 0.27 -0.56	18.89 -0.07 -0.47



BINGHAMTON___COGEN 23790	16.97 0.50 -1.85	14.77 0.43 -2.48	12.64 0.35 -2.20	12.04 0.34 -1.69	12.26 0.36 -1.83	12.67 0.40 -1.49	17.71 0.51 -0.83	20.39 0.65 -0.04	22.45 0.83 -0.43	25.57 0.85 -1.00	28.47 0.91 -1.59	31.70 1.00 -2.12	34.67 1.05 -2.69	37.62 1.06 -3.34	39.11 0.93 -3.69	42.43 1.17 -3.70	43.04 1.11 -3.60	44.09 1.24 -3.02	40.27 1.08 -3.01	36.29 1.13 -1.82	34.85 0.97 -1.54	28.44 0.82 -0.32	23.07 0.71 -0.05	19.98 0.55 -0.93
BLACK RIVER___HYD 24047	14.38 -0.45 -0.20	11.75 -0.39 -0.27	9.99 -0.34 -0.24	9.86 -0.34 -0.19	9.91 -0.35 -0.20	10.61 -0.33 -0.16	16.44 -0.05 -0.11	19.60 -0.10 0.00	21.37 0.17 0.00	24.02 0.21 -0.09	26.85 0.36 -0.51	30.13 0.54 -1.00	32.63 0.43 -1.26	35.54 0.46 -1.86	37.03 0.48 -2.06	40.14 0.56 -2.02	40.61 0.42 -1.86	42.99 0.80 -2.36	39.16 0.61 -2.37	35.61 0.40 -1.87	34.34 0.32 -1.68	28.16 0.11 -0.74	22.26 -0.04 0.00	18.50 -0.13 -0.13
BLISS_WT_PWR 323608	16.01 0.40 -0.98	13.61 0.43 -1.32	11.62 0.36 -1.17	11.25 0.34 -0.90	11.41 0.37 -0.97	12.02 0.45 -0.80	17.04 0.23 -0.44	20.82 0.69 -0.43	26.66 1.19 -4.27	34.32 1.07 -9.54	40.45 0.88 -13.60	46.34 1.06 -16.70	53.25 1.08 -21.24	59.36 0.96 -25.17	62.53 0.27 -27.76	66.29 0.64 -28.09	66.41 0.34 -27.74	60.42 0.72 -19.87	56.40 0.51 -19.72	44.39 0.97 -10.10	40.82 0.39 -8.08	27.80 0.46 -0.03	23.30 0.51 -0.48	19.16 0.17 -0.49
BLUE_CIRC_CHEM_DRP 24182	22.42 0.73 -7.06	21.95 0.60 -9.48	18.99 0.51 -8.39	16.99 0.51 -6.47	17.57 0.51 -6.99	17.04 0.55 -5.71	20.34 0.80 -3.17	20.70 1.00 0.00	22.24 1.04 0.00	24.92 1.21 0.00	27.29 1.32 0.00	30.04 1.46 0.00	32.54 1.61 0.00	34.98 1.76 0.00	36.54 1.93 -0.11	39.78 2.03 -0.19	40.83 2.11 -0.40	42.19 2.07 -0.29	38.16 1.95 -0.03	35.06 1.73 0.00	34.09 1.75 0.00	28.78 1.47 0.00	23.51 1.20 -0.01	23.01 0.98 -3.54
BOC_GAS_DRP 24189	22.52 0.75 -7.15	22.08 0.62 -9.59	19.11 0.52 -8.50	17.08 0.52 -6.55	17.67 0.52 -7.08	17.12 0.56 -5.78	20.38 0.80 -3.21	20.70 1.00 0.00	22.24 1.04 0.00	24.92 1.21 0.00	27.29 1.32 0.00	30.04 1.46 0.00	32.54 1.61 0.00	34.94 1.73 0.00	36.26 1.86 0.10	39.34 1.95 0.17	39.99 2.03 0.36	41.56 1.99 0.26	38.02 1.88 0.03	35.03 1.70 0.00	34.06 1.71 0.00	28.75 1.45 0.00	23.50 1.20 0.01	23.04 0.96 -3.58
BORALEX_4TH_BRANCH 23824	22.87 0.98 -7.27	22.40 0.78 -9.75	19.41 0.69 -8.63	17.35 0.69 -6.65	17.94 0.68 -7.19	17.42 0.77 -5.87	20.76 1.13 -3.26	21.12 1.42 0.00	22.66 1.46 0.00	25.42 1.71 0.00	27.81 1.84 0.00	30.65 2.06 0.00	33.16 2.23 0.00	35.71 2.49 0.00	37.49 2.69 -0.30	40.98 2.89 -0.52	42.44 3.03 -1.09	43.72 3.11 -0.78	39.08 2.82 -0.09	35.76 2.43 0.00	34.74 2.39 0.00	29.35 2.05 0.00	24.04 1.72 -0.02	23.49 1.35 -3.64
BOWLINE___1 23526	21.64 1.57 -5.44	20.40 1.23 -7.31	17.57 1.02 -6.47	16.00 1.00 -4.99	16.47 1.02 -5.39	16.29 1.11 -4.40	20.49 1.67 -2.44	21.78 2.09 0.00	23.53 2.33 0.00	26.37 2.66 0.00	28.85 2.88 0.00	31.70 3.12 0.00	34.30 3.37 0.00	36.90 3.69 0.00	40.78 3.90 -2.39	45.87 4.21 -4.10	51.26 4.29 -8.64	50.40 4.38 -6.18	40.91 4.05 -0.68	37.06 3.73 0.00	36.00 3.65 0.00	30.42 3.11 0.00	25.04 2.59 -0.15	23.21 1.98 -2.73
BOWLINE___2 23595	21.64 1.57 -5.45	20.41 1.23 -7.31	17.58 1.02 -6.47	16.00 1.00 -4.99	16.48 1.03 -5.39	16.29 1.11 -4.40	20.49 1.67 -2.44	21.76 2.07 0.00	23.53 2.33 0.00	26.35 2.63 0.00	28.83 2.86 0.00	31.68 3.09 0.00	34.27 3.34 0.00	36.87 3.65 0.00	40.72 3.83 -2.39	45.83 4.17 -4.10	51.22 4.25 -8.64	50.36 4.34 -6.18	40.83 3.98 -0.68	37.00 3.67 0.00	35.96 3.62 0.00	30.39 3.08 0.00	25.04 2.59 -0.15	23.21 1.98 -2.73
BROOKHAVEN___DRP 24191	23.61 2.36 -6.63	21.87 1.83 -8.18	18.25 1.50 -6.66	16.53 1.38 -5.14	18.12 1.50 -6.56	19.64 1.63 -7.24	21.00 2.11 -2.52	24.67 2.82 -2.15	24.90 3.29 -0.42	28.62 3.79 -1.11	31.13 3.92 -1.24	32.91 4.32 -0.01	35.35 4.42 0.00	38.20 4.98 0.00	42.44 5.35 -2.60	48.09 6.05 -4.47	54.72 6.17 -10.23	54.45 6.33 -8.28	43.22 5.90 -1.15	38.43 5.10 0.00	37.13 4.79 0.00	32.94 4.29 -1.35	27.65 3.48 -1.87	25.71 2.79 -4.41
BROOKLYN_NAVY_YARD 23515	22.17 1.86 -5.68	20.91 1.48 -7.56	17.96 1.21 -6.66	16.33 1.18 -5.13	16.83 1.22 -5.55	16.65 1.34 -4.54	21.15 1.98 -2.80	26.71 2.46 -4.56	33.41 2.74 -9.47	35.89 3.13 -9.05	37.22 3.37 -7.88	37.95 3.71 -5.64	38.17 4.02 -3.22	39.92 4.38 -2.32	41.72 4.62 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.81 5.26 -6.72	41.76 4.85 -0.74	37.82 4.47 -0.02	37.19 4.34 -0.51	37.34 3.68 -6.35	36.20 3.06 -10.84	28.96 2.35 -8.12
BROOKLYN___ARMY_DRP 323595	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
BROOME_2_LFGE 323671	16.97 0.50 -1.85	14.77 0.43 -2.48	12.64 0.35 -2.20	12.04 0.34 -1.69	12.26 0.36 -1.83	12.67 0.40 -1.49	17.71 0.51 -0.83	20.39 0.65 -0.04	22.45 0.83 -0.43	25.57 0.85 -1.00	28.47 0.91 -1.59	31.70 1.00 -2.12	34.67 1.05 -2.69	37.62 1.06 -3.34	39.11 0.93 -3.69	42.43 1.17 -3.70	43.04 1.11 -3.60	44.09 1.24 -3.02	40.27 1.08 -3.01	36.29 1.13 -1.82	34.85 0.97 -1.54	28.44 0.82 -0.32	23.07 0.71 -0.05	19.98 0.55 -0.93
BROOME___LFGE 323600	16.97 0.50 -1.85	14.77 0.43 -2.48	12.64 0.35 -2.20	12.04 0.34 -1.69	12.26 0.36 -1.83	12.67 0.40 -1.49	17.71 0.51 -0.83	20.39 0.65 -0.04	22.45 0.83 -0.43	25.57 0.85 -1.00	28.47 0.91 -1.59	31.70 1.00 -2.12	34.67 1.05 -2.69	37.62 1.06 -3.34	39.11 0.93 -3.69	42.43 1.17 -3.70	43.04 1.11 -3.60	44.09 1.24 -3.02	40.27 1.08 -3.01	36.29 1.13 -1.82	34.85 0.97 -1.54	28.44 0.82 -0.32	23.07 0.71 -0.05	19.98 0.55 -0.93
BURROWS___LYONSDAL 23803	14.45 -0.17 0.00	11.71 -0.15 0.00	9.96 -0.13 0.00	9.87 -0.14 0.00	9.92 -0.14 0.00	10.65 -0.13 0.00	16.45 0.08 0.00	19.78 0.08 0.00	21.45 0.26 0.00	24.06 0.31 -0.04	26.59 0.41 -0.21	29.54 0.54 -0.41	31.91 0.46 -0.52	34.50 0.53 -0.76	35.88 0.55 -0.84	38.99 0.60 -0.82	39.66 0.58 -0.76	41.59 0.80 -0.96	37.83 0.69 -0.97	34.60 0.50 -0.76	33.48 0.45 -0.68	27.88 0.27 -0.30	22.44 0.13 0.00	18.53 0.04 0.00
CAITHNESS_CC_1 323624	23.57 2.31 -6.63	21.83 1.79 -8.18	18.23 1.48 -6.66	16.51 1.36 -5.14	18.10 1.48 -6.56	19.62 1.61 -7.24	21.00 2.11 -2.52	24.66 2.82 -2.15	24.88 3.26 -0.42	28.57 3.75 -1.11	31.10 3.89 -1.24	32.86 4.26 -0.01	35.29 4.36 0.00	38.13 4.92 0.00	42.37 5.28 -2.60	47.97 5.93 -4.47	54.57 6.02 -10.23	54.32 6.21 -8.28	43.07 5.75 -1.15	38.33 5.00 0.00	37.03 4.69 -1.35	32.88 4.23 -1.86	27.62 3.46 -1.86	25.68 2.77 -4.41



CALPINE BETH_PAGE_GT4 24209	24.65 2.25 -7.77	21.82 1.77 -8.18	18.20 1.45 -6.66	16.50 1.35 -5.14	18.08 1.46 -6.56	19.60 1.58 -7.24	21.25 2.36 -2.52	25.85 2.94 -3.22	26.04 3.24 -1.60	29.26 3.58 -1.96	30.94 3.74 -1.24	32.65 4.06 -0.01	35.14 4.21 0.00	37.93 4.71 0.00	42.10 5.00 -2.60	47.56 5.52 -4.47	56.26 5.64 -12.31	54.99 5.77 -9.38	42.92 5.32 -1.43	38.10 4.77 0.00	36.87 4.53 0.00	32.67 4.02 -1.35	32.44 3.37 -6.76	30.16 2.64 -9.01
CALPINE_BETH_PAGE_GT_4 323586	24.65 2.25 -7.77	21.82 1.77 -8.18	18.20 1.45 -6.66	16.50 1.35 -5.14	18.08 1.46 -6.56	19.60 1.58 -7.24	21.25 2.36 -2.52	25.85 2.94 -3.22	26.04 3.24 -1.60	29.26 3.58 -1.96	30.94 3.74 -1.24	32.65 4.06 -0.01	35.14 4.21 0.00	37.93 4.71 0.00	42.10 5.00 -2.60	47.56 5.52 -4.47	56.26 5.64 -12.31	54.99 5.77 -9.38	42.92 5.32 -1.43	38.10 4.77 0.00	36.87 4.53 0.00	32.67 4.02 -1.35	32.44 3.37 -6.76	30.16 2.64 -9.01
CALPINE_BP_GT1 23823	24.65 2.25 -7.77	21.82 1.77 -8.18	18.20 1.45 -6.66	16.50 1.35 -5.14	18.08 1.46 -6.56	19.60 1.58 -7.24	21.25 2.36 -2.52	25.85 2.94 -3.22	26.04 3.24 -1.60	29.26 3.58 -1.96	30.94 3.74 -1.24	32.65 4.06 -0.01	35.14 4.21 0.00	37.93 4.71 0.00	42.10 5.00 -2.60	47.56 5.52 -4.47	56.26 5.64 -12.31	54.99 5.77 -9.38	42.92 5.32 -1.43	38.10 4.77 0.00	36.87 4.53 0.00	32.67 4.02 -1.35	32.44 3.37 -6.76	30.16 2.64 -9.01
CALSPAN___DRP 24200	15.71 0.16 -0.92	13.35 0.25 -1.24	11.38 0.20 -1.09	11.03 0.18 -0.84	11.19 0.21 -0.91	11.79 0.27 -0.74	16.67 -0.11 -0.41	20.49 0.28 -0.52	27.08 0.76 -5.13	35.77 0.62 -11.44	42.72 0.44 -16.31	49.25 0.63 -20.03	57.09 0.68 -25.48	63.95 0.53 -30.20	67.63 -0.17 -33.30	71.34 0.08 -33.70	71.37 -0.23 -33.28	63.79 0.12 -23.83	59.79 -0.04 -23.65	45.87 0.43 -12.11	41.91 -0.13 -9.70	27.31 -0.03 -0.03	22.97 0.09 -0.58	18.76 -0.20 -0.46
CANDIGU_WT_PWR 323617	16.26 0.41 -1.22	13.91 0.40 -1.64	11.87 0.33 -1.45	11.44 0.31 -1.12	11.62 0.34 -1.21	12.16 0.40 -0.99	17.23 0.31 -0.55	20.42 0.53 -0.19	23.99 0.93 -1.87	28.68 0.78 -4.19	32.76 0.73 -6.06	36.89 0.77 -7.53	41.28 0.77 -9.58	45.29 0.63 -11.44	47.25 0.14 -12.62	50.77 0.45 -12.75	51.15 0.27 -12.56	49.59 0.52 -9.24	45.75 0.40 -9.18	38.89 0.70 -4.86	36.57 0.29 -3.93	27.91 0.41 -0.19	22.96 0.45 -0.21	19.39 0.28 -0.61
CARR STREET_E_SYR 24060	15.18 0.09 -0.46	12.57 0.08 -0.62	10.70 0.06 -0.55	10.48 0.05 -0.42	10.58 0.06 -0.46	11.24 0.09 -0.37	16.63 0.05 -0.21	19.76 0.06 0.00	21.30 0.11 0.00	23.87 0.10 -0.06	26.38 0.10 -0.31	29.25 0.06 -0.60	31.66 -0.03 -0.76	34.27 -0.07 -1.12	35.60 -0.14 -1.24	38.70 -0.07 -1.22	39.33 -0.11 -1.12	41.18 -0.08 -1.42	37.46 -0.14 -1.43	34.36 -0.10 -1.13	33.19 -0.16 -1.01	27.67 -0.08 -0.45	22.30 0.00 0.00	18.75 0.02 -0.23
CARTHAGE___PAPER 23857	14.27 -0.53 -0.17	11.65 -0.45 -0.23	9.90 -0.39 -0.20	9.78 -0.39 -0.16	9.84 -0.39 -0.17	10.52 -0.40 -0.14	16.41 -0.07 -0.10	19.60 -0.10 0.00	21.35 0.15 0.00	23.99 0.19 -0.09	26.78 0.34 -0.47	29.99 0.49 -0.92	32.46 0.37 -1.16	35.35 0.43 -1.71	36.83 0.45 -1.89	39.90 0.49 -1.85	40.42 0.38 -1.71	42.72 0.72 -2.17	38.90 0.54 -2.18	35.39 0.33 -1.72	34.18 0.29 -1.54	28.07 0.08 -0.68	22.26 -0.04 0.00	18.46 -0.15 -0.11
CE_DUNWOOD___DRP 24194	21.93 1.71 -5.60	20.72 1.35 -7.51	17.84 1.11 -6.65	16.23 1.09 -5.12	16.72 1.12 -5.54	16.52 1.22 -4.52	20.72 1.83 -2.51	21.98 2.28 0.00	23.74 2.54 0.00	26.63 2.92 0.00	29.14 3.17 0.00	32.04 3.46 0.00	34.67 3.74 0.00	37.30 4.08 0.00	41.40 4.31 -2.60	46.67 4.66 -4.45	52.45 4.75 -9.38	51.40 4.86 -6.71	41.40 4.48 -0.74	37.43 4.10 0.00	36.35 4.01 0.00	30.75 3.44 0.00	25.30 2.83 -0.16	23.48 2.18 -2.80
CE_MILLWOOD___DRP 24193	21.84 1.64 -5.57	20.65 1.31 -7.48	17.78 1.07 -6.62	16.17 1.05 -5.10	16.66 1.08 -5.52	16.46 1.17 -4.51	20.64 1.77 -2.50	21.90 2.21 0.00	23.65 2.46 0.00	26.51 2.80 0.00	29.01 3.04 0.00	31.90 3.31 0.00	34.55 3.62 0.00	37.17 3.95 0.00	41.24 4.17 -2.58	46.48 4.51 -4.42	52.23 4.60 -9.31	51.15 4.66 -6.66	41.21 4.30 -0.74	37.26 3.93 0.00	36.22 3.88 0.00	30.61 3.30 0.00	25.18 2.72 -0.16	23.38 2.09 -2.79
CE_NYC2_DRP 24202	22.23 1.92 -5.69	20.97 1.54 -7.56	18.01 1.26 -6.66	16.37 1.22 -5.13	16.89 1.28 -5.55	16.70 1.38 -4.54	21.21 2.03 -2.81	26.98 2.58 -4.70	33.85 2.88 -9.77	36.41 3.30 -9.40	37.68 3.58 -8.13	38.30 3.89 -5.82	38.46 4.21 -3.32	40.22 4.62 -2.39	41.86 4.76 -2.60	46.98 4.96 -4.46	52.74 5.02 -9.40	51.65 5.10 -6.72	41.76 4.85 -0.74	37.88 4.53 -0.02	37.40 4.53 -0.53	37.68 3.82 -6.55	36.57 3.10 -11.17	29.24 2.46 -8.28
CE_NYC_DRP 24195	22.23 1.92 -5.68	20.95 1.52 -7.56	18.00 1.25 -6.66	16.37 1.22 -5.13	16.86 1.25 -5.55	16.69 1.37 -4.54	21.23 2.06 -2.80	26.78 2.56 -4.53	33.47 2.86 -9.41	35.95 3.25 -8.99	37.36 3.56 -7.83	38.05 3.86 -5.61	38.33 4.21 -3.20	40.11 4.59 -2.30	41.93 4.83 -2.60	47.21 5.19 -4.46	53.01 5.29 -9.40	51.93 5.38 -6.72	41.87 4.96 -0.74	37.91 4.57 -0.02	37.32 4.46 -0.51	37.44 3.82 -6.31	36.22 3.15 -10.77	29.02 2.44 -8.08
CHAFFEE___LFGE 323603	15.83 0.25 -0.95	13.46 0.32 -1.28	11.48 0.26 -1.13	11.12 0.24 -0.87	11.28 0.27 -0.94	11.89 0.34 -0.77	16.82 0.02 -0.43	20.63 0.45 -0.48	26.86 0.95 -4.71	35.06 0.83 -10.52	41.63 0.67 -14.99	47.89 0.89 -18.41	55.31 0.96 -23.42	61.84 0.86 -27.76	65.24 0.14 -30.61	68.99 0.45 -30.98	69.06 0.15 -30.59	62.26 0.52 -21.91	58.24 0.32 -21.74	45.23 0.77 -11.13	41.45 0.20 -8.91	27.58 0.25 -0.03	23.13 0.29 -0.53	18.92 -0.06 -0.48
CHATEAUG_WT_PWR 323614	13.78 -0.85 0.00	11.14 -0.72 0.00	9.52 -0.56 0.00	9.48 -0.53 0.00	9.48 -0.58 0.00	10.13 -0.65 0.00	15.75 -0.62 0.00	18.97 -0.73 0.00	20.37 -0.83 0.00	22.77 -0.95 0.00	24.93 -1.04 0.00	25.17 -1.17 2.25	25.22 -1.27 4.44	25.43 -1.36 6.42	25.41 -1.38 7.70	29.18 -1.47 6.92	36.91 -1.42 0.00	38.40 -1.43 0.00	34.87 -1.42 0.00	32.10 -1.23 0.00	31.21 -1.13 0.00	26.30 -1.01 0.00	21.39 -0.92 0.00	17.76 -0.74 0.00
CHAT_HIGH_FALL_HYD 323578	13.72 -0.91 0.00	11.09 -0.77 0.00	9.48 -0.60 0.00	9.44 -0.57 0.00	9.44 -0.62 0.00	10.09 -0.69 0.00	15.77 -0.61 0.00	18.99 -0.71 0.00	20.41 -0.78 0.00	22.79 -0.93 0.00	24.96 -1.01 0.00	25.20 -1.14 2.25	25.25 -1.24 4.44	25.47 -1.33 6.42	25.45 -1.35 7.70	29.22 -1.43 6.92	36.94 -1.38 0.00	38.44 -1.40 0.00	34.91 -1.27 0.00	32.16 -1.17 0.00	31.24 -1.10 0.00	26.35 -0.96 0.00	21.41 -0.89 0.00	17.79 -0.70 0.00
CHAUTAUQUA___LFGE 323629	15.86 0.29 -0.94	13.48 0.36 -1.26	11.49 0.29 -1.11	11.15 0.28 -0.86	11.30 0.31 -0.93	11.93 0.40 -0.76	16.89 0.10 -0.42	20.89 0.63 -0.56	27.87 1.14 -5.53	37.14 1.09 -12.34	44.49 0.93 -17.59	51.38 1.20 -21.60	59.70 1.30 -27.47	66.97 1.19 -32.56	70.88 0.48 -35.91	74.65 0.75 -36.33	74.66 0.46 -35.88	66.37 0.84 -25.70	62.29 0.61 -25.50	47.42 1.03 -13.06	43.22 0.42 -10.46	27.78 0.44 -0.04	23.37 0.45 -0.62	18.99 0.02 -0.47



CH_MIDHUDSON___DRP 24192	22.19 1.59 -5.97	21.15 1.27 -8.01	18.23 1.05 -7.09	16.52 1.04 -5.47	17.03 1.06 -5.91	16.76 1.15 -4.83	20.77 1.72 -2.68	21.84 2.15 0.00	23.61 2.42 0.00	26.46 2.75 0.00	28.98 3.01 0.00	31.90 3.31 0.00	34.55 3.62 0.00	37.17 3.95 0.00	40.69 4.21 -1.99	45.48 4.51 -3.41	50.15 4.64 -7.19	49.71 4.74 -5.14	41.08 4.34 -0.57	37.30 3.96 0.00	36.22 3.88 0.00	30.61 3.30 0.00	25.13 2.70 -0.12	23.54 2.05 -2.99
CH_MISC_IPPS 23765	22.05 1.65 -5.77	20.91 1.31 -7.74	18.01 1.07 -6.85	16.36 1.07 -5.28	16.87 1.10 -5.71	16.64 1.20 -4.66	20.73 1.77 -2.59	21.90 2.21 0.00	23.72 2.52 0.00	26.58 2.87 0.00	29.14 3.17 0.00	32.04 3.46 0.00	34.73 3.80 0.00	37.37 4.15 0.00	40.98 4.42 -2.07	45.89 4.77 -3.55	50.72 4.91 -7.49	50.21 5.02 -5.36	41.36 4.59 -0.59	37.53 4.20 0.00	36.39 4.04 0.00	30.77 3.47 0.00	25.24 2.81 -0.13	23.51 2.13 -2.89
CH_RES_BVR_FALLS 23983	13.99 -0.34 0.30	11.18 -0.28 0.40	9.50 -0.23 0.36	9.51 -0.23 0.27	9.53 -0.24 0.30	10.26 -0.27 0.24	15.92 -0.31 0.14	19.32 -0.37 0.00	20.82 -0.38 0.00	23.29 -0.43 0.00	25.53 -0.44 0.00	29.03 -0.49 -0.93	32.24 -0.53 -1.84	35.31 -0.56 -2.66	37.10 -0.59 -3.19	39.79 -0.64 -2.87	37.71 -0.61 0.00	39.24 -0.60 0.00	35.67 -0.51 0.00	32.87 -0.47 0.00	31.89 -0.45 0.00	26.87 -0.44 0.00	21.92 -0.38 0.00	18.01 -0.33 0.15
CH_RES_NIAGARA 23895	15.14 -0.34 -0.85	12.87 -0.14 -1.14	10.98 -0.12 -1.01	10.66 -0.13 -0.78	10.80 -0.11 -0.84	11.38 -0.09 -0.69	16.04 -0.72 -0.38	19.01 -0.63 0.06	20.40 -0.23 0.56	21.97 -0.50 1.25	23.36 -0.83 1.78	25.66 -0.74 2.19	27.35 -0.80 2.78	28.89 -1.03 3.30	29.00 -1.86 3.63	32.12 -1.76 3.68	32.58 -2.11 3.63	35.40 -1.83 2.60	31.75 -1.84 2.58	30.81 -1.20 1.32	29.60 -1.68 1.06	25.99 -1.31 0.00	21.28 -0.96 0.06	17.98 -0.94 -0.43
CH_RES_SYRACUSE 23985	15.27 0.12 -0.53	12.68 0.11 -0.71	10.79 0.07 -0.63	10.57 0.07 -0.49	10.67 0.08 -0.52	11.31 0.11 -0.43	16.69 0.08 -0.24	19.80 0.10 0.00	21.32 0.13 0.00	23.93 0.12 -0.09	26.60 0.13 -0.50	29.70 0.14 -0.97	32.31 0.16 -1.22	35.15 0.13 -1.80	36.56 0.07 -1.99	39.67 0.15 -1.95	40.24 0.12 -1.81	42.28 0.16 -2.29	38.55 0.07 -2.30	35.28 0.13 -1.82	34.03 0.06 -1.63	28.05 0.03 -0.72	22.35 0.04 0.00	18.82 0.06 -0.27
CLINTON_WT_PWR 323605	13.78 -0.85 0.00	11.14 -0.72 0.00	9.52 -0.56 0.00	9.48 -0.53 0.00	9.48 -0.58 0.00	10.13 -0.62 0.00	15.75 -0.62 0.00	18.97 -0.73 0.00	20.37 -0.83 0.00	22.77 -0.95 0.00	24.93 -1.04 0.00	25.17 -1.17 2.25	25.22 -1.27 4.44	25.43 -1.36 6.42	25.41 -1.38 7.70	29.18 -1.47 6.92	36.91 -1.42 0.00	38.40 -1.43 0.00	34.87 -1.30 0.00	32.10 -1.23 0.00	31.21 -1.13 0.00	26.30 -1.01 0.00	21.39 -0.92 0.00	17.76 -0.74 0.00
CLINTON___LFGE 323618	13.82 -0.80 0.00	11.17 -0.70 0.00	9.55 -0.53 0.00	9.52 -0.49 0.00	9.50 -0.56 0.00	10.15 -0.63 0.00	15.83 -0.54 0.00	19.11 -0.59 0.00	20.54 -0.66 0.00	22.91 -0.81 0.00	25.09 -0.88 0.00	25.37 -0.97 2.25	25.44 -1.05 4.44	25.67 -1.13 6.42	25.66 -1.14 7.70	29.40 -1.24 6.92	37.13 -1.19 0.00	38.68 -1.16 0.00	35.12 -1.05 0.00	32.33 -1.00 0.00	31.44 -0.91 0.00	26.49 -0.82 0.00	21.50 -0.80 0.00	17.87 -0.63 0.00
COLONIE_LFGE___ 323577	22.83 0.82 -7.39	22.43 0.65 -9.91	19.44 0.57 -8.78	17.33 0.56 -6.76	17.94 0.56 -7.31	17.36 0.61 -5.97	20.59 0.90 -3.31	20.82 1.12 0.00	22.36 1.17 0.00	25.09 1.37 0.00	27.50 1.53 0.00	30.30 1.72 0.00	32.82 1.89 0.00	35.31 2.09 0.00	36.95 2.28 -0.18	40.35 2.48 -0.31	41.50 2.53 -0.65	42.88 2.59 -0.46	38.61 2.39 -0.05	35.37 2.03 0.00	34.38 2.04 0.00	29.03 1.72 0.00	23.72 1.41 -0.01	23.34 1.15 -3.70
CORNELL___ 23752	16.11 0.40 -1.09	13.67 0.34 -1.46	11.65 0.27 -1.29	11.26 0.25 -1.00	11.41 0.27 -1.08	11.97 0.31 -0.88	17.30 0.44 -0.49	20.30 0.57 -0.03	22.27 0.74 -0.33	25.26 0.76 -0.79	28.15 0.83 -1.35	31.45 0.97 -1.89	34.34 1.02 -2.39	37.36 1.09 -3.05	38.87 1.00 -3.37	42.14 1.20 -3.37	42.65 1.07 -3.25	43.90 1.11 -2.95	40.28 1.16 -2.95	36.37 1.13 -1.91	34.98 1.00 -1.63	28.52 0.76 -0.45	22.94 0.60 -0.04	19.52 0.48 -0.55
COXSACKIE___GT 23611	21.94 1.13 -6.19	21.04 0.88 -8.30	18.17 0.74 -7.35	16.44 0.76 -5.66	16.96 0.78 -6.12	16.62 0.84 -5.00	20.36 1.21 -2.78	21.21 1.52 0.00	23.00 1.80 0.00	25.75 2.04 0.00	28.28 2.31 0.00	31.19 2.60 0.00	33.81 2.88 0.00	36.31 3.09 0.00	39.20 3.52 -1.18	43.31 3.72 -2.02	46.46 3.87 -4.26	46.87 3.98 -3.05	40.09 3.58 -0.34	36.56 3.23 0.00	35.42 3.07 0.00	29.93 2.62 0.00	24.45 2.07 -0.07	23.13 1.53 -3.10
CRESCENT___HYD 24018	22.83 0.82 -7.39	22.43 0.65 -9.91	19.44 0.57 -8.78	17.33 0.56 -6.76	17.94 0.56 -7.31	17.36 0.61 -5.97	20.59 0.90 -3.31	20.82 1.12 0.00	22.36 1.17 0.00	25.09 1.37 0.00	27.50 1.53 0.00	30.30 1.72 0.00	32.82 1.89 0.00	35.31 2.09 0.00	36.95 2.28 -0.18	40.35 2.48 -0.31	41.50 2.53 -0.65	42.88 2.59 -0.46	38.61 2.39 -0.05	35.37 2.03 0.00	34.38 2.04 0.00	29.03 1.72 0.00	23.72 1.41 -0.01	23.34 1.15 -3.70
CRUCIBLE_METL_DRP 24180	15.27 0.12 -0.53	12.68 0.11 -0.71	10.79 0.07 -0.63	10.57 0.07 -0.49	10.67 0.08 -0.52	11.31 0.11 -0.43	16.69 0.08 -0.24	19.80 0.10 0.00	21.32 0.13 0.00	23.93 0.12 -0.09	26.60 0.13 -0.50	29.70 0.14 -0.97	32.31 0.16 -1.22	35.15 0.13 -1.80	36.56 0.07 -1.99	39.67 0.15 -1.95	40.24 0.12 -1.81	42.28 0.16 -2.29	38.55 0.07 -2.30	35.28 0.13 -1.82	34.03 0.06 -1.63	28.05 0.03 -0.72	22.35 0.04 0.00	18.82 0.06 -0.27
DANC___LFGE 323619	14.38 -0.45 -0.20	11.75 -0.39 -0.27	9.99 -0.34 -0.24	9.86 -0.34 -0.19	9.91 -0.35 -0.20	10.61 -0.33 -0.16	16.44 -0.05 -0.11	19.60 -0.10 0.00	21.37 0.17 0.00	24.02 0.21 -0.09	26.85 0.36 -0.51	30.13 0.54 -1.00	32.63 0.43 -1.26	35.54 0.46 -1.86	37.03 0.48 -2.06	40.14 0.56 -2.02	40.61 0.42 -1.86	42.99 0.80 -2.36	39.16 0.61 -2.37	35.61 0.40 -1.87	34.34 0.32 -1.68	28.16 0.11 -0.74	22.26 -0.04 0.00	18.50 -0.13 -0.13
DANSKAMMER___1 23586	22.05 1.65 -5.77	20.91 1.31 -7.74	18.01 1.07 -6.85	16.36 1.07 -5.28	16.87 1.10 -5.71	16.64 1.20 -4.66	20.73 1.77 -2.59	21.90 2.21 0.00	23.72 2.52 0.00	26.58 2.87 0.00	29.14 3.17 0.00	32.04 3.46 0.00	34.73 3.80 0.00	37.37 4.15 0.00	40.98 4.42 -2.07	45.89 4.77 -3.55	50.72 4.91 -7.49	50.21 5.02 -5.36	41.36 4.59 -0.59	37.53 4.20 0.00	36.39 4.04 0.00	30.77 3.47 0.00	25.24 2.81 -0.13	23.51 2.13 -2.89
DANSKAMMER___2 23589	22.05 1.65 -5.77	20.91 1.31 -7.74	18.01 1.07 -6.85	16.36 1.07 -5.28	16.87 1.10 -5.71	16.64 1.20 -4.66	20.73 1.77 -2.59	21.90 2.21 0.00	23.72 2.52 0.00	26.58 2.87 0.00	29.14 3.17 0.00	32.04 3.46 0.00	34.73 3.80 0.00	37.37 4.15 0.00	40.98 4.42 -2.07	45.89 4.77 -3.55	50.72 4.91 -7.49	50.21 5.02 -5.36	41.36 4.59 -0.59	37.53 4.20 0.00	36.39 4.04 0.00	30.77 3.47 0.00	25.24 2.81 -0.13	23.51 2.13 -2.89



DANSKAMMER___3 23590	22.05 1.65 -5.77	20.91 1.31 -7.74	18.01 1.07 -6.85	16.36 1.07 -5.28	16.87 1.10 -5.71	16.64 1.20 -4.66	20.73 1.77 -2.59	21.90 2.21 0.00	23.72 2.52 0.00	26.58 2.87 0.00	29.14 3.17 0.00	32.04 3.46 0.00	34.73 3.80 0.00	37.37 4.15 0.00	40.98 4.42 -2.07	45.89 4.77 -3.55	50.72 4.91 -7.49	50.21 5.02 -5.36	41.36 4.59 -0.59	37.53 4.20 0.00	36.39 4.04 0.00	30.77 3.47 0.00	25.24 2.81 -0.13	23.51 2.13 -2.89
DANSKAMMER___4 23591	22.05 1.65 -5.77	20.91 1.31 -7.74	18.01 1.07 -6.85	16.36 1.07 -5.28	16.87 1.10 -5.71	16.64 1.20 -4.66	20.73 1.77 -2.59	21.90 2.21 0.00	23.72 2.52 0.00	26.58 2.87 0.00	29.14 3.17 0.00	32.04 3.46 0.00	34.73 3.80 0.00	37.37 4.15 0.00	40.98 4.42 -2.07	45.89 4.77 -3.55	50.72 4.91 -7.49	50.21 5.02 -5.36	41.36 4.59 -0.59	37.53 4.20 0.00	36.39 4.04 0.00	30.77 3.47 0.00	25.24 2.81 -0.13	23.51 2.13 -2.89
DANSKAMMER___DIESEL 23592	22.05 1.65 -5.77	20.91 1.31 -7.74	18.01 1.07 -6.85	16.36 1.07 -5.28	16.87 1.10 -5.71	16.64 1.20 -4.66	20.73 1.77 -2.59	21.90 2.21 0.00	23.72 2.52 0.00	26.58 2.87 0.00	29.14 3.17 0.00	32.04 3.46 0.00	34.73 3.80 0.00	37.37 4.15 0.00	40.98 4.42 -2.07	45.89 4.77 -3.55	50.72 4.91 -7.49	50.21 5.02 -5.36	41.36 4.59 -0.59	37.53 4.20 0.00	36.39 4.04 0.00	30.77 3.47 0.00	25.24 2.81 -0.13	23.51 2.13 -2.89
DASHVILLE___HYD 23610	22.02 1.51 -5.88	20.94 1.19 -7.89	18.05 0.98 -6.99	16.37 0.97 -5.39	16.88 1.00 -5.82	16.61 1.08 -4.76	20.62 1.61 -2.64	21.69 1.99 0.00	23.44 2.25 0.00	26.28 2.56 0.00	28.77 2.81 0.00	31.65 3.06 0.00	34.27 3.34 0.00	36.87 3.65 0.00	39.92 3.90 -1.53	44.40 4.21 -2.63	48.15 4.29 -5.54	48.18 4.38 -3.96	40.59 3.98 -0.44	37.00 3.67 0.00	35.90 3.56 0.00	30.36 3.06 0.00	24.92 2.52 -0.10	23.35 1.91 -2.95
DELAWARE___LFGE 323621	17.83 0.80 -2.40	15.76 0.68 -3.22	13.49 0.55 -2.85	12.75 0.54 -2.20	12.99 0.55 -2.37	13.31 0.59 -1.94	18.33 0.88 -1.08	20.82 1.10 -0.02	22.70 1.29 -0.21	25.66 1.45 -0.49	28.34 1.58 -0.79	31.38 1.74 -1.05	34.12 1.86 -1.34	36.84 1.96 -1.67	38.49 2.03 -1.96	41.83 2.22 -2.05	42.77 2.22 -2.23	43.97 2.31 -1.83	39.85 2.13 -1.55	36.25 2.00 -0.92	35.06 1.94 -0.78	29.08 1.61 -0.17	23.65 1.32 -0.03	20.70 1.00 -1.20
DOGLEVILLE___HYD 23807	15.18 0.70 0.15	12.25 0.58 0.20	10.40 0.48 0.17	10.35 0.47 0.13	10.40 0.48 0.14	11.19 0.53 0.12	17.06 0.75 0.06	20.60 0.91 0.00	22.19 1.00 0.00	24.83 1.11 0.00	27.19 1.22 0.00	30.05 1.34 -0.12	32.58 1.42 -0.23	35.01 1.46 -0.33	36.34 1.45 -0.40	39.54 1.61 -0.36	40.01 1.68 0.00	41.63 1.79 0.00	37.80 1.63 0.00	34.83 1.50 0.00	33.83 1.49 0.00	28.56 1.26 0.00	23.31 1.00 0.00	19.22 0.79 0.07
DUNKIRK___1 23563	15.84 0.28 -0.93	13.46 0.34 -1.25	11.48 0.28 -1.11	11.14 0.27 -0.86	11.29 0.30 -0.92	11.92 0.39 -0.76	16.87 0.08 -0.42	20.85 0.59 -0.56	27.86 1.10 -5.56	37.18 1.04 -12.42	44.56 0.88 -17.71	51.45 1.11 -21.75	59.84 1.24 -27.67	67.14 1.13 -32.79	71.07 0.42 -36.16	74.83 0.68 -36.59	74.84 0.38 -36.13	66.47 0.75 -25.88	62.40 0.54 -25.68	47.45 0.97 -13.15	43.23 0.36 -10.53	27.72 0.38 -0.04	23.34 0.40 -0.63	18.97 0.00 -0.47
DUNKIRK___2 23564	15.84 0.28 -0.93	13.46 0.34 -1.25	11.48 0.28 -1.11	11.14 0.27 -0.86	11.29 0.30 -0.92	11.92 0.39 -0.76	16.87 0.08 -0.42	20.85 0.59 -0.56	27.86 1.10 -5.56	37.18 1.04 -12.42	44.56 0.88 -17.71	51.45 1.11 -21.75	59.84 1.24 -27.67	67.14 1.13 -32.79	71.07 0.42 -36.16	74.83 0.68 -36.59	74.84 0.38 -36.13	66.47 0.75 -25.88	62.40 0.54 -25.68	47.45 0.97 -13.15	43.23 0.36 -10.53	27.72 0.38 -0.04	23.34 0.40 -0.63	18.97 0.00 -0.47
DUNKIRK___3 23565	15.78 0.23 -0.92	13.41 0.31 -1.24	11.44 0.25 -1.10	11.10 0.24 -0.85	11.25 0.27 -0.91	11.87 0.34 -0.75	16.80 0.02 -0.42	20.77 0.47 -0.60	28.12 0.98 -5.95	37.87 0.88 -13.28	45.60 0.70 -18.93	52.75 0.91 -23.25	61.49 0.99 -29.57	69.16 0.90 -35.05	73.32 0.17 -38.65	77.09 0.41 -39.11	77.06 0.12 -38.62	67.97 0.48 -27.66	63.91 0.29 -27.45	48.12 0.73 -14.05	43.76 0.16 -11.25	27.56 0.22 -0.04	23.27 0.29 -0.67	18.89 -0.07 -0.46
DUNKIRK___4 23566	15.78 0.23 -0.92	13.41 0.31 -1.24	11.44 0.25 -1.10	11.10 0.24 -0.85	11.25 0.27 -0.91	11.87 0.34 -0.75	16.80 0.02 -0.42	20.77 0.47 -0.60	28.12 0.98 -5.95	37.87 0.88 -13.28	45.60 0.70 -18.93	52.75 0.91 -23.25	61.49 0.99 -29.57	69.16 0.90 -35.05	73.32 0.17 -38.65	77.09 0.41 -39.11	77.06 0.12 -38.62	67.97 0.48 -27.66	63.91 0.29 -27.45	48.12 0.73 -14.05	43.76 0.16 -11.25	27.56 0.22 -0.04	23.27 0.29 -0.67	18.89 -0.07 -0.46
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.02 1.78 -5.61	20.81 1.42 -7.52	17.91 1.16 -6.66	16.29 1.14 -5.13	16.78 1.17 -5.55	16.58 1.27 -4.53	20.80 1.91 -2.52	22.10 2.40 0.00	23.87 2.67 0.00	26.75 3.04 0.00	29.29 3.32 0.00	32.19 3.60 0.00	34.86 3.93 0.00	37.50 4.29 0.00	41.61 4.52 -2.60	46.87 4.85 -4.46	52.66 4.95 -9.40	51.61 5.06 -6.72	41.58 4.67 -0.74	37.60 4.27 0.00	36.55 4.20 0.00	30.91 3.60 0.00	25.41 2.94 -0.16	23.58 2.27 -2.81
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.72 1.54 -5.56	20.53 1.21 -7.46	17.69 1.00 -6.60	16.09 0.99 -5.09	16.57 1.01 -5.50	16.37 1.10 -4.49	20.50 1.64 -2.49	21.74 2.05 0.00	23.53 2.33 0.00	26.35 2.63 0.00	28.85 2.88 0.00	31.76 3.17 0.00	34.39 3.46 0.00	36.97 3.75 0.00	40.43 3.97 -1.97	45.22 4.28 -3.38	49.85 4.41 -7.13	49.39 4.46 -5.10	40.86 4.12 -0.56	37.13 3.80 0.00	36.03 3.69 0.00	30.44 3.14 0.00	25.01 2.59 -0.12	23.24 1.96 -2.78
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.19 1.87 -5.69	20.95 1.52 -7.56	18.00 1.25 -6.66	16.36 1.21 -5.13	16.91 1.30 -5.55	16.69 1.37 -4.54	20.86 1.96 -2.52	22.44 2.52 -0.22	24.04 2.80 -0.05	27.07 3.20 -0.16	37.32 3.48 -7.87	38.00 3.77 -5.63	38.22 4.08 -3.21	40.01 4.48 -2.31	41.71 4.62 -2.59	46.82 4.81 -4.45	52.58 4.87 -9.39	51.48 4.94 -6.71	41.61 4.70 -0.74	37.74 4.40 -0.01	37.21 4.36 -0.50	37.36 3.71 -6.35	36.13 2.99 -10.83	23.73 2.39 -2.85
EAST HAMPTON___GT 23717	24.73 3.47 -6.63	22.70 2.66 -8.18	18.93 2.18 -6.66	17.18 2.03 -5.14	18.78 2.15 -6.56	20.33 2.32 -7.24	22.05 3.16 -2.52	26.13 4.27 -2.16	26.86 5.24 -0.43	30.95 6.12 -1.11	33.95 6.75 -1.24	36.14 7.55 -0.01	39.00 8.07 0.00	42.22 9.00 0.00	46.65 9.55 -2.60	52.93 10.89 -4.47	59.75 11.19 -10.24	59.78 11.67 -8.28	47.88 10.56 -1.15	42.53 9.20 0.00	40.79 8.44 0.00	35.89 7.24 -1.35	29.70 5.51 -1.88	27.23 4.31 -4.43
EAST RIVER___6 23660	22.21 1.90 -5.68	20.93 1.51 -7.56	17.97 1.22 -6.66	16.34 1.19 -5.13	16.84 1.23 -5.55	16.66 1.35 -4.54	21.20 2.03 -2.80	26.80 2.54 -4.56	33.51 2.84 -9.47	35.99 3.22 -9.05	37.38 3.53 -7.88	38.09 3.86 -5.64	38.35 4.21 -3.22	40.12 4.59 -2.32	41.93 4.83 -2.60	47.21 5.19 -4.46	53.01 5.29 -9.40	51.93 5.38 -6.72	41.87 4.96 -0.74	37.91 4.57 -0.02	37.32 4.46 -0.51	37.48 3.82 -6.35	36.29 3.15 -10.84	29.04 2.42 -8.12



EAST_RIVER___7 23524	22.21 1.90 -5.68	20.93 1.51 -7.56	17.97 1.22 -6.66	16.34 1.19 -5.13	16.84 1.23 -5.55	16.66 1.35 -4.54	21.20 2.03 -2.80	26.80 2.54 -4.56	33.51 2.84 -9.47	35.99 3.22 -9.05	37.38 3.53 -7.88	38.09 3.86 -5.64	38.35 4.21 -3.22	40.12 4.59 -2.32	41.93 4.83 -2.60	47.21 5.19 -4.46	53.01 5.29 -9.40	51.93 5.38 -6.72	41.87 4.96 -0.74	37.91 4.57 -0.02	37.32 4.46 -0.51	37.48 3.82 -6.35	36.29 3.15 -10.84	29.04 2.42 -8.12
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.93 1.71 -5.60	20.72 1.35 -7.51	17.84 1.11 -6.65	16.23 1.09 -5.12	16.72 1.12 -5.54	16.52 1.22 -4.52	20.72 1.83 -2.51	21.98 2.28 0.00	23.74 2.54 0.00	26.63 2.92 0.00	29.14 3.17 0.00	32.04 3.46 0.00	34.67 3.74 0.00	37.30 4.08 0.00	41.40 4.31 -2.60	46.67 4.66 -4.45	52.45 4.75 -9.38	51.40 4.86 -6.71	41.40 4.48 -0.74	37.43 4.10 0.00	36.35 4.01 0.00	30.75 3.44 0.00	25.30 2.83 -0.16	23.48 2.18 -2.80
EAST_HAMPTON___DIESEL 23722	24.73 3.47 -6.63	22.70 2.66 -8.18	18.93 2.18 -6.66	17.18 2.03 -5.14	18.78 2.15 -6.56	20.33 2.32 -7.24	22.05 3.16 -2.52	26.15 4.29 -2.16	26.86 5.24 -0.43	30.95 6.12 -1.11	33.95 6.75 -1.24	36.17 7.58 -0.01	39.00 8.07 0.00	42.22 9.00 0.00	46.65 9.55 -2.60	52.93 10.89 -4.47	59.79 11.23 -10.24	59.78 11.67 -8.28	47.88 10.56 -1.15	42.53 9.20 0.00	40.79 8.44 0.00	35.91 7.26 -1.35	29.70 5.51 -1.88	27.25 4.33 -4.43
EAST_RIVER___1 323558	22.23 1.92 -5.68	20.95 1.52 -7.56	18.00 1.25 -6.66	16.37 1.22 -5.13	16.86 1.25 -5.55	16.69 1.37 -4.54	21.23 2.06 -2.80	26.78 2.56 -4.53	33.47 2.86 -9.41	35.95 3.25 -8.99	37.36 3.56 -7.83	38.05 3.86 -5.61	38.33 4.21 -3.20	40.11 4.59 -2.30	41.93 4.83 -2.60	47.21 5.19 -4.46	53.01 5.29 -9.40	51.93 5.38 -6.72	41.87 4.96 -0.74	37.91 4.57 -0.02	37.32 4.46 -0.51	37.44 3.82 -6.31	36.22 3.15 -10.77	29.02 2.44 -8.08
EAST_RIVER___2 323559	22.21 1.90 -5.68	20.93 1.51 -7.56	17.97 1.22 -6.66	16.34 1.19 -5.13	16.84 1.23 -5.55	16.66 1.35 -4.54	21.20 2.03 -2.80	26.80 2.54 -4.56	33.51 2.84 -9.47	35.99 3.22 -9.05	37.38 3.53 -7.88	38.09 3.86 -5.64	38.35 4.21 -3.22	40.12 4.59 -2.32	41.93 4.83 -2.60	47.21 5.19 -4.46	53.01 5.29 -9.40	51.93 5.38 -6.72	41.87 4.96 -0.74	37.91 4.57 -0.02	37.32 4.46 -0.51	37.48 3.82 -6.35	36.29 3.15 -10.84	29.04 2.42 -8.12
EAST___DELAWARE_HYD 23607	21.46 1.02 -5.81	20.44 0.77 -7.80	17.61 0.62 -6.91	15.97 0.64 -5.32	16.47 0.65 -5.75	16.21 0.73 -4.70	20.08 1.10 -2.61	21.10 1.40 0.00	22.74 1.55 0.00	25.49 1.78 0.00	28.00 2.03 0.00	30.82 2.23 0.00	33.41 2.48 0.00	35.91 2.69 0.00	37.38 1.28 -1.61	41.60 1.28 -2.76	45.47 1.34 -5.81	45.30 1.31 -4.16	39.67 3.04 -0.46	36.10 2.77 0.00	34.96 2.62 0.00	29.57 2.27 0.00	24.19 1.79 -0.10	22.61 1.20 -2.91
ELEC_TRO_TEK 24086	25.96 1.99 -9.35	21.64 1.58 -8.19	18.05 1.30 -6.67	16.37 1.22 -5.14	17.93 1.31 -6.56	19.44 1.42 -7.24	21.02 2.13 -2.52	27.08 2.68 -4.70	27.38 2.95 -3.24	30.15 3.30 -3.14	30.69 3.48 -1.24	32.40 3.80 -0.01	34.89 3.96 0.00	37.67 4.45 0.00	41.82 4.73 -2.60	47.18 5.15 -4.47	59.34 5.29 -15.73	56.37 5.34 -11.20	43.06 4.99 -1.89	37.80 4.47 0.00	36.61 4.27 0.00	32.39 3.74 -1.35	39.06 3.21 -13.54	36.40 2.52 -15.38
ELLENBURG_WT_PWR 323604	13.78 -0.85 0.00	11.14 -0.72 0.00	9.52 -0.56 0.00	9.48 -0.53 0.00	9.48 -0.58 0.00	10.13 -0.65 0.00	15.75 -0.62 0.00	18.97 -0.73 0.00	20.37 -0.83 0.00	22.77 -0.95 0.00	24.93 -1.04 0.00	25.17 -1.17 2.25	25.22 -1.27 4.44	25.43 -1.36 6.42	25.41 -1.38 7.70	29.18 -1.47 6.92	36.91 -1.42 0.00	38.40 -1.43 0.00	34.87 -1.30 0.00	32.10 -1.23 0.00	31.21 -1.13 0.00	26.30 -1.01 0.00	21.39 -0.92 0.00	17.76 -0.74 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.60 0.07 -0.90	13.26 0.18 -1.21	11.30 0.14 -1.07	10.97 0.13 -0.83	11.12 0.16 -0.89	11.72 0.22 -0.73	16.58 -0.20 -0.41	20.60 0.16 -0.75	29.22 0.62 -7.41	40.71 0.45 -16.55	49.81 0.26 -23.59	57.98 0.43 -28.97	68.25 0.46 -36.85	77.22 0.33 -43.67	82.24 -0.41 -48.16	86.11 -0.19 -48.73	85.95 -0.50 -48.12	74.14 -0.16 -34.47	70.09 -0.29 -34.21	51.05 0.20 -17.51	45.98 -0.39 -14.02	27.13 -0.22 -0.05	23.05 -0.09 -0.84	18.64 -0.31 -0.45
EMPIRE_CC_1 323656	22.34 0.77 -6.94	21.87 0.70 -9.31	18.92 0.59 -8.24	16.96 0.60 -6.35	17.53 0.59 -6.87	17.04 0.66 -5.61	20.35 0.87 -3.11	20.80 1.10 0.00	22.19 1.00 0.00	24.88 1.16 0.00	27.24 1.27 0.00	30.02 1.43 0.00	32.48 1.55 0.00	34.94 1.73 0.00	36.39 1.90 0.00	39.55 1.99 0.00	40.39 2.07 0.00	41.86 2.03 0.00	38.09 1.92 0.00	35.00 1.67 0.00	34.02 1.68 0.00	28.72 1.42 0.00	23.53 1.23 0.00	23.01 1.04 -3.47
EMPIRE_CC_2 323658	22.34 0.77 -6.94	21.87 0.70 -9.31	18.92 0.59 -8.24	16.96 0.60 -6.35	17.53 0.59 -6.87	17.04 0.66 -5.61	20.35 0.87 -3.11	20.80 1.10 0.00	22.19 1.00 0.00	24.88 1.16 0.00	27.24 1.27 0.00	30.02 1.43 0.00	32.48 1.55 0.00	34.94 1.73 0.00	36.39 1.90 0.00	39.55 1.99 0.00	40.39 2.07 0.00	41.86 2.03 0.00	38.09 1.92 0.00	35.00 1.67 0.00	34.02 1.68 0.00	28.72 1.42 0.00	23.53 1.23 0.00	23.01 1.04 -3.47
ERIE_WT_PWR 323693	15.72 0.18 -0.92	13.36 0.26 -1.24	11.39 0.21 -1.09	11.04 0.19 -0.84	11.20 0.22 -0.91	11.80 0.28 -0.74	16.69 -0.10 -0.41	20.51 0.30 -0.52	27.11 0.78 -5.13	35.80 0.64 -11.44	42.75 0.47 -16.31	49.28 0.66 -20.03	57.12 0.71 -25.48	64.01 0.60 -30.20	67.66 -0.14 -33.30	71.38 0.11 -33.70	71.41 -0.19 -33.28	63.87 0.20 -23.83	59.82 0.00 -23.65	45.91 0.47 -12.11	41.94 -0.10 -9.70	27.37 0.03 -0.03	23.00 0.11 -0.58	18.77 -0.18 -0.46
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.06 0.37 -1.07	13.61 0.31 -1.44	11.60 0.24 -1.27	11.22 0.23 -0.98	11.37 0.24 -1.06	11.92 0.28 -0.87	17.25 0.39 -0.48	20.24 0.51 -0.03	22.16 0.68 -0.28	25.09 0.69 -0.69	27.94 0.75 -1.22	31.17 0.86 -1.73	34.05 0.93 -2.20	37.01 0.96 -2.83	38.51 0.90 -3.12	41.73 1.05 -3.12	42.28 0.96 -3.00	43.58 0.95 -2.80	39.97 1.01 -2.79	36.17 1.00 -1.84	34.80 0.87 -1.59	28.46 0.68 -0.47	22.87 0.53 -0.03	19.46 0.43 -0.54
E_CANADA_CAP_HY 24051	24.28 0.64 -9.01	24.43 0.48 -12.09	21.22 0.42 -10.71	18.64 0.38 -8.25	19.39 0.40 -8.92	18.52 0.45 -7.29	21.17 0.75 -4.05	20.62 0.93 0.00	22.32 1.12 0.00	25.02 1.30 0.00	27.50 1.53 0.00	30.33 1.74 0.00	32.82 1.89 0.00	35.04 1.83 0.00	36.59 2.00 -0.10	39.94 2.22 -0.16	40.89 2.22 -0.35	42.43 2.35 -0.25	38.41 2.21 -0.03	35.23 1.90 0.00	34.42 2.07 0.00	28.94 1.64 0.00	23.47 1.16 -0.01	23.99 0.98 -4.52
E_CANADA_MHWK_HY 24050	15.18 0.70 0.15	12.25 0.58 0.20	10.40 0.48 0.17	10.35 0.47 0.13	10.40 0.48 0.14	11.19 0.53 0.12	17.06 0.75 0.06	20.60 0.91 0.00	22.19 1.00 0.00	24.83 1.11 0.00	27.19 1.22 0.00	30.05 1.34 -0.12	32.58 1.42 -0.23	35.01 1.46 -0.33	36.34 1.45 -0.40	39.54 1.61 -0.36	40.01 1.68 0.00	41.63 1.79 0.00	37.80 1.63 0.00	34.83 1.50 0.00	33.83 1.49 0.00	28.56 1.26 0.00	23.31 1.00 0.00	19.22 0.79 0.07



E_FISHKILL___LBMP 23776	21.90 1.55 -5.72	20.78 1.23 -7.68	17.91 1.02 -6.80	16.25 1.00 -5.24	16.75 1.02 -5.67	16.51 1.11 -4.63	20.61 1.67 -2.57	21.78 2.09 0.00	23.51 2.31 0.00	26.35 2.63 0.00	28.83 2.86 0.00	31.70 3.12 0.00	34.33 3.40 0.00	36.94 3.72 0.00	41.08 3.93 -2.66	46.32 4.21 -4.55	52.24 4.33 -9.59	51.07 4.38 -6.86	40.98 4.05 -0.76	37.03 3.70 0.00	36.00 3.65 0.00	30.42 3.11 0.00	25.03 2.56 -0.17	23.35 1.98 -2.87
FAR ROCKAWAY___4 23548	29.82 2.31 -12.88	21.90 1.82 -8.22	18.26 1.50 -6.67	16.56 1.41 -5.14	18.13 1.51 -6.56	19.64 1.63 -7.24	21.35 2.45 -2.52	30.81 3.09 -8.02	31.54 3.43 -6.91	33.37 3.87 -5.79	31.31 4.10 -1.24	33.14 4.55 -0.01	35.69 4.76 0.00	38.57 5.35 0.00	42.75 5.66 -2.60	48.28 6.24 -4.47	68.06 6.44 -23.30	61.59 6.53 -15.22	45.09 6.01 -2.91	38.73 5.40 0.00	37.52 5.17 0.00	33.15 4.50 -1.35	54.84 3.79 -28.74	51.13 2.96 -29.67
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.24 1.93 -5.68	20.97 1.54 -7.56	18.01 1.26 -6.66	16.38 1.23 -5.13	16.88 1.27 -5.55	16.70 1.38 -4.54	21.25 2.08 -2.80	26.85 2.60 -4.56	33.55 2.88 -9.48	36.06 3.30 -9.05	37.43 3.58 -7.88	38.15 3.92 -5.64	38.39 4.24 -3.22	40.19 4.65 -2.32	41.96 4.86 -2.60	47.28 5.26 -4.46	53.04 5.33 -9.40	51.97 5.42 -6.72	41.94 5.03 -0.74	37.98 4.63 -0.02	37.38 4.53 -0.51	37.53 3.88 -6.35	36.33 3.19 -10.84	29.07 2.46 -8.12
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.24 1.93 -5.68	20.97 1.54 -7.56	18.01 1.26 -6.66	16.38 1.23 -5.13	16.88 1.27 -5.55	16.70 1.38 -4.54	21.25 2.08 -2.80	26.83 2.58 -4.56	33.55 2.88 -9.48	36.04 3.27 -9.05	37.41 3.56 -7.88	38.12 3.89 -5.64	38.39 4.24 -3.22	40.15 4.62 -2.32	41.93 4.83 -2.60	47.24 5.22 -4.46	53.01 5.29 -9.40	51.97 5.42 -6.72	41.91 4.99 -0.74	37.98 4.63 -0.02	37.38 4.53 -0.51	37.53 3.88 -6.35	36.33 3.19 -10.84	29.07 2.46 -8.12
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.23 1.92 -5.68	20.95 1.52 -7.56	18.00 1.25 -6.66	16.37 1.22 -5.13	16.87 1.26 -5.55	16.69 1.37 -4.54	21.23 2.06 -2.80	26.83 2.58 -4.56	33.53 2.86 -9.48	36.01 3.25 -9.05	37.38 3.53 -7.88	38.09 3.86 -5.64	38.32 4.17 -3.22	40.12 4.59 -2.32	41.89 4.79 -2.60	47.21 5.19 -4.46	52.97 5.25 -9.40	51.89 5.34 -6.72	41.87 4.96 -0.74	37.91 4.57 -0.02	37.32 4.46 -0.51	37.48 3.82 -6.35	36.29 3.15 -10.84	29.04 2.42 -8.12
FARRAGUT___LBMP 323566	22.21 1.90 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.67 1.36 -4.54	21.22 2.05 -2.80	26.80 2.54 -4.56	33.49 2.82 -9.48	35.96 3.20 -9.05	37.35 3.50 -7.88	38.03 3.80 -5.64	38.29 4.15 -3.22	40.05 4.52 -2.32	41.86 4.76 -2.60	47.13 5.11 -4.46	52.89 5.17 -9.40	51.85 5.30 -6.72	41.80 4.88 -0.74	37.88 4.53 -0.02	37.29 4.43 -0.51	37.45 3.79 -6.35	36.27 3.12 -10.84	29.02 2.40 -8.12
FENNER___WINDPWR 24204	15.27 0.32 -0.32	12.57 0.27 -0.43	10.68 0.21 -0.38	10.50 0.20 -0.29	10.59 0.21 -0.32	11.28 0.25 -0.26	16.90 0.38 -0.15	20.17 0.47 0.00	21.81 0.62 0.00	24.42 0.66 -0.04	26.94 0.75 -0.21	29.89 0.89 -0.42	32.36 0.90 -0.53	34.96 0.96 -0.77	36.28 0.93 -0.86	39.50 1.09 -0.84	40.17 1.07 -0.78	42.06 1.24 -0.99	38.21 1.05 -0.99	35.08 0.97 -0.78	33.92 0.87 -0.70	28.30 0.68 -0.31	22.82 0.51 0.00	19.05 0.39 -0.16
FIBERTEK___ENERGY 23856	15.27 0.12 -0.53	12.68 0.11 -0.71	10.79 0.07 -0.63	10.57 0.07 -0.49	10.67 0.08 -0.52	11.31 0.11 -0.43	16.69 0.08 -0.24	19.80 0.10 0.00	21.32 0.13 0.00	23.93 0.12 -0.09	26.60 0.13 -0.50	29.70 0.14 -0.97	32.31 0.16 -1.22	35.15 0.13 -1.80	36.56 0.07 -1.99	39.67 0.15 -1.95	40.24 0.12 -1.81	42.28 0.16 -2.29	38.55 0.07 -2.30	35.28 0.13 -1.82	34.03 0.06 -1.63	28.05 0.03 -0.72	22.35 0.04 0.00	18.82 0.06 -0.27
FITZPATRICK____ 23598	14.71 -0.25 -0.33	12.12 -0.19 -0.45	10.31 -0.17 -0.40	10.14 -0.18 -0.31	10.23 -0.17 -0.33	10.87 -0.17 -0.27	16.21 -0.31 -0.15	19.28 -0.41 0.00	20.73 -0.47 0.00	22.63 -0.54 0.54	22.42 -0.60 2.95	22.18 -0.66 5.75	22.93 -0.74 7.25	21.76 -0.80 10.66	21.79 -0.90 11.81	25.04 -0.94 11.59	26.62 -1.00 10.70	25.26 -0.99 13.58	21.60 -0.94 13.64	21.74 -0.83 10.76	21.86 -0.84 9.64	22.32 -0.71 4.28	21.72 -0.58 0.00	18.24 -0.42 -0.17
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.07 1.67 -5.78	20.94 1.32 -7.75	18.04 1.09 -6.87	16.39 1.09 -5.29	16.89 1.11 -5.72	16.66 1.21 -4.67	20.77 1.80 -2.59	21.94 2.24 0.00	23.76 2.56 0.00	26.63 2.92 0.00	29.19 3.22 0.00	32.10 3.52 0.00	34.80 3.87 0.00	37.44 4.22 0.00	41.14 4.52 -2.12	46.05 4.85 -3.64	50.97 4.98 -7.67	50.42 5.10 -5.49	41.45 4.67 -0.61	37.60 4.27 0.00	36.48 4.14 0.00	30.83 3.52 0.00	25.29 2.86 -0.13	23.56 2.16 -2.89
FORT ORANGE____ 23900	22.45 0.79 -7.03	21.94 0.64 -9.44	19.00 0.55 -8.36	16.99 0.54 -6.44	17.57 0.54 -6.96	17.06 0.59 -5.69	20.38 0.85 -3.16	20.78 1.08 0.00	22.32 1.12 0.00	25.02 1.30 0.00	27.42 1.45 0.00	30.22 1.63 0.00	32.72 1.79 0.00	35.21 1.99 0.00	36.97 2.17 -0.30	40.41 2.33 -0.52	41.79 2.38 -1.09	43.00 2.39 -0.78	38.46 2.21 -0.09	35.26 1.93 0.00	34.28 1.94 0.00	28.94 1.64 0.00	23.66 1.34 -0.02	23.09 1.07 -3.52
FORT_DRUM_COGEN 23780	14.34 -0.48 -0.20	11.70 -0.43 -0.26	9.95 -0.37 -0.23	9.82 -0.37 -0.18	9.89 -0.37 -0.19	10.57 -0.37 -0.16	16.40 -0.08 -0.11	19.58 -0.12 0.00	21.32 0.13 0.00	23.97 0.17 -0.09	26.81 0.34 -0.50	30.05 0.49 -0.98	32.54 0.37 -1.24	35.46 0.43 -1.82	36.95 0.45 -2.01	40.02 0.49 -1.97	40.53 0.38 -1.82	42.86 0.72 -2.31	39.04 0.54 -2.32	35.50 0.33 -1.83	34.28 0.29 -1.64	28.09 0.05 -0.73	22.24 -0.07 0.00	18.45 -0.17 -0.12
FPL_FAR_ROCK_GT1 24212	29.82 2.31 -12.88	21.90 1.82 -8.22	18.26 1.50 -6.67	16.56 1.41 -5.14	18.13 1.51 -6.56	19.64 1.63 -7.24	21.35 2.45 -2.52	30.81 3.09 -8.02	31.54 3.43 -6.91	33.37 3.87 -5.79	31.31 4.10 -1.24	33.14 4.55 -0.01	35.69 4.76 0.00	38.57 5.35 0.00	42.75 5.66 -2.60	48.28 6.24 -4.47	68.06 6.44 -23.30	61.59 6.53 -15.22	45.09 6.01 -2.91	38.73 5.40 0.00	37.52 5.17 0.00	33.15 4.50 -1.35	54.84 3.79 -28.74	51.13 2.96 -29.67
FPL_FAR_ROCK_GT2 23815	29.82 2.31 -12.88	21.90 1.82 -8.22	18.26 1.50 -6.67	16.56 1.41 -5.14	18.13 1.51 -6.56	19.64 1.63 -7.24	21.35 2.45 -2.52	30.81 3.09 -8.02	31.54 3.43 -6.91	33.37 3.87 -5.79	31.31 4.10 -1.24	33.14 4.55 -0.01	35.69 4.76 0.00	38.57 5.35 0.00	42.75 5.66 -2.60	48.28 6.24 -4.47	68.06 6.44 -23.30	61.59 6.53 -15.22	45.09 6.01 -2.91	38.73 5.40 0.00	37.52 5.17 0.00	33.15 4.50 -1.35	54.84 3.79 -28.74	51.13 2.96 -29.67
FRANKLIN_FALL_HYD 24054	13.53 -1.10 0.00	10.93 -0.94 0.00	9.36 -0.73 0.00	9.33 -0.68 0.00	9.31 -0.76 0.00	9.94 -0.84 0.00	9.42 -0.77 6.18	18.85 -0.85 0.00	20.26 -0.93 0.00	22.60 -1.11 0.00	22.81 -1.22 1.94	24.95 -1.34 2.29	22.87 -1.45 6.61	22.87 -1.56 8.79	22.89 -1.59 10.02	22.96 -1.73 12.88	32.95 -1.69 3.69	38.12 -1.71 0.00	34.62 -1.55 0.00	22.97 -1.47 8.90	22.99 -1.36 8.00	22.88 -1.17 3.25	21.23 -1.07 0.00	9.43 -0.87 8.20



FREEPORT_EQUS_GT1 23764	25.80 2.19 -8.98	21.79 1.73 -8.19	18.18 1.42 -6.67	16.48 1.33 -5.14	18.05 1.43 -6.56	19.57 1.55 -7.24	21.21 2.32 -2.52	26.97 2.91 -4.36	27.30 3.24 -2.86	30.21 3.63 -2.87	31.05 3.84 -1.24	32.80 4.20 -0.01	35.32 4.39 0.00	38.10 4.88 0.00	42.31 5.21 -2.60	47.75 5.71 -4.47	58.87 5.86 -14.69	56.45 5.97 -10.65	43.46 5.53 -1.75	38.30 4.97 0.00	37.07 4.72 0.00	32.80 4.15 -1.35	37.79 3.50 -11.98	35.15 2.74 -13.92
FREEPORT__CT2 23818	25.80 2.19 -8.98	21.79 1.73 -8.19	18.18 1.42 -6.67	16.48 1.33 -5.14	18.05 1.43 -6.56	19.57 1.55 -7.24	21.21 2.32 -2.52	26.97 2.91 -4.36	27.30 3.24 -2.86	30.21 3.63 -2.87	31.05 3.84 -1.24	32.80 4.20 -0.01	35.32 4.39 0.00	38.10 4.88 0.00	42.31 5.21 -2.60	47.75 5.71 -4.47	58.87 5.86 -14.69	56.45 5.97 -10.65	43.46 5.53 -1.75	38.30 4.97 0.00	37.07 4.72 0.00	32.80 4.15 -1.35	37.79 3.50 -11.98	35.15 2.74 -13.92
FULTON COGEN____ 23766	14.95 -0.10 -0.42	12.37 -0.06 -0.57	10.52 -0.07 -0.50	10.32 -0.08 -0.39	10.42 -0.06 -0.42	11.06 -0.05 -0.34	16.40 -0.16 -0.19	19.48 -0.22 0.00	20.94 -0.25 0.00	23.61 -0.28 -0.18	26.64 -0.31 -0.98	30.12 -0.37 -1.91	32.93 -0.40 -2.40	36.28 -0.47 -3.53	37.89 -0.52 -3.91	40.88 -0.53 -3.84	41.29 -0.57 -3.55	43.81 -0.52 -4.50	40.15 -0.54 -4.52	36.43 -0.47 -3.57	35.05 -0.48 -3.19	28.28 -0.44 -1.42	21.99 -0.31 0.00	18.49 -0.22 -0.21
FULTON__LFGE 323630	24.52 1.34 -8.54	24.31 0.98 -11.46	21.14 0.90 -10.15	18.65 0.81 -7.82	19.38 0.86 -8.46	18.61 0.93 -6.91	21.71 1.51 -3.84	21.49 1.79 0.00	23.32 2.12 0.00	26.16 2.44 0.00	28.85 2.88 0.00	31.82 3.23 0.00	34.52 3.59 0.00	37.00 3.79 0.00	38.66 4.07 -0.09	42.27 4.54 -0.16	43.22 4.56 -0.33	44.93 4.86 -0.24	40.72 4.52 -0.03	37.33 4.00 0.00	36.32 3.98 0.00	30.50 3.19 0.00	24.63 2.32 -0.01	24.81 2.03 -4.28
G.F.CEMENT__DRP 24184	22.87 0.79 -7.45	22.45 0.59 -9.99	19.47 0.53 -8.85	17.35 0.52 -6.82	17.95 0.51 -7.37	17.38 0.58 -6.02	20.60 0.88 -3.34	20.82 1.12 0.00	22.45 1.25 0.00	25.21 1.49 0.00	27.68 1.71 0.00	30.50 1.92 0.00	33.06 2.13 0.00	35.61 2.39 0.00	37.44 2.66 -0.29	40.95 2.89 -0.49	42.35 2.99 -1.04	43.64 3.07 -0.74	39.04 2.79 -0.08	35.63 2.30 0.00	34.64 2.30 0.00	29.24 1.94 0.00	23.88 1.56 -0.02	23.52 1.29 -3.73
GARDENVILLE__LBMP 24039	15.66 0.12 -0.91	13.31 0.21 -1.23	11.34 0.17 -1.09	11.00 0.15 -0.84	11.15 0.18 -0.91	11.76 0.25 -0.74	16.64 -0.15 -0.41	20.52 0.20 -0.62	28.04 0.68 -6.16	37.99 0.52 -13.75	45.91 0.34 -19.61	53.18 0.52 -24.08	62.12 0.56 -30.63	69.92 0.40 -36.30	74.22 -0.31 -40.03	78.00 -0.07 -40.51	77.94 -0.38 -40.00	68.44 -0.04 -28.65	64.43 -0.18 -28.43	48.19 0.30 -14.56	43.74 -0.26 -11.66	27.21 -0.14 -0.04	23.00 0.00 -0.70	18.70 -0.26 -0.46
GENERAL__MILLS 23808	15.71 0.16 -0.92	13.35 0.25 -1.24	11.38 0.20 -1.09	11.03 0.18 -0.84	11.19 0.21 -0.91	11.79 0.27 -0.74	16.67 -0.11 -0.41	20.49 0.28 -0.52	27.08 0.76 -5.13	35.77 0.62 -11.44	42.72 0.44 -16.31	49.25 0.63 -20.03	57.09 0.68 -25.48	63.95 0.53 -30.20	67.63 -0.17 -33.30	71.34 0.08 -33.70	71.37 -0.23 -33.28	63.79 0.12 -23.83	59.79 -0.04 -23.65	45.87 0.43 -12.11	41.91 -0.13 -9.70	27.31 -0.03 -0.03	22.97 0.09 -0.58	18.76 -0.20 -0.46
GE_PLASTICS__DRP 24183	22.43 0.73 -7.07	21.95 0.60 -9.48	19.00 0.51 -8.40	16.99 0.51 -6.47	17.58 0.51 -7.00	17.04 0.55 -5.72	20.35 0.80 -3.17	20.70 1.00 0.00	22.24 1.04 0.00	24.90 1.19 0.00	27.29 1.32 0.00	30.04 1.46 0.00	32.54 1.61 0.00	34.98 1.76 0.00	36.49 1.90 -0.10	39.76 2.03 -0.17	40.75 2.07 -0.36	42.16 2.07 -0.26	38.12 1.92 -0.03	35.06 1.73 0.00	34.06 1.71 0.00	28.78 1.47 0.00	23.51 1.20 -0.01	23.00 0.96 -3.54
GILBOA__1 23756	20.96 0.83 -5.50	19.96 0.72 -7.37	17.22 0.61 -6.53	15.64 0.60 -5.03	16.12 0.61 -5.44	15.84 0.62 -4.44	19.75 0.92 -2.47	20.84 1.14 0.00	22.43 1.23 0.00	25.11 1.40 0.00	27.47 1.51 0.00	30.24 1.66 0.00	32.72 1.79 0.00	35.11 1.89 0.00	35.98 2.00 0.51	38.75 2.06 0.87	38.63 2.14 1.84	40.58 2.07 1.32	38.01 1.99 0.15	35.20 1.87 0.00	34.25 1.91 0.00	28.94 1.64 0.00	23.63 1.36 0.03	22.30 1.05 -2.75
GILBOA__2 23757	20.96 0.83 -5.50	19.96 0.72 -7.37	17.22 0.61 -6.53	15.64 0.60 -5.03	16.12 0.61 -5.44	15.84 0.62 -4.44	19.75 0.92 -2.47	20.84 1.14 0.00	22.43 1.23 0.00	25.11 1.40 0.00	27.47 1.51 0.00	30.24 1.66 0.00	32.72 1.79 0.00	35.11 1.89 0.00	35.98 2.00 0.51	38.75 2.06 0.87	38.63 2.14 1.84	40.58 2.07 1.32	38.01 1.99 0.15	35.20 1.87 0.00	34.25 1.91 0.00	28.94 1.64 0.00	23.63 1.36 0.03	22.30 1.05 -2.75
GILBOA__3 23758	20.96 0.83 -5.50	19.96 0.72 -7.37	17.22 0.61 -6.53	15.64 0.60 -5.03	16.12 0.61 -5.44	15.84 0.62 -4.44	19.75 0.92 -2.47	20.84 1.14 0.00	22.43 1.23 0.00	25.11 1.40 0.00	27.47 1.51 0.00	30.24 1.66 0.00	32.72 1.79 0.00	35.11 1.89 0.00	35.98 2.00 0.51	38.75 2.06 0.87	38.63 2.14 1.84	40.58 2.07 1.32	38.01 1.99 0.15	35.20 1.87 0.00	34.25 1.91 0.00	28.94 1.64 0.00	23.63 1.36 0.03	22.30 1.05 -2.75
GILBOA__4 23759	20.96 0.83 -5.50	19.96 0.72 -7.37	17.22 0.61 -6.53	15.64 0.60 -5.03	16.12 0.61 -5.44	15.84 0.62 -4.44	19.75 0.92 -2.47	20.84 1.14 0.00	22.43 1.23 0.00	25.11 1.40 0.00	27.47 1.51 0.00	30.24 1.66 0.00	32.72 1.79 0.00	35.11 1.89 0.00	35.98 2.00 0.51	38.75 2.06 0.87	38.63 2.14 1.84	40.58 2.07 1.32	38.01 1.99 0.15	35.20 1.87 0.00	34.25 1.91 0.00	28.94 1.64 0.00	23.63 1.36 0.03	22.30 1.05 -2.75
GILBOA____ 23599	20.96 0.83 -5.50	19.96 0.72 -7.37	17.22 0.61 -6.53	15.64 0.60 -5.03	16.12 0.61 -5.44	15.84 0.62 -4.44	19.75 0.92 -2.47	20.84 1.14 0.00	22.43 1.23 0.00	25.11 1.40 0.00	27.47 1.51 0.00	30.24 1.66 0.00	32.72 1.79 0.00	35.11 1.89 0.00	35.98 2.00 0.51	38.75 2.06 0.87	38.63 2.14 1.84	40.58 2.07 1.32	38.01 1.99 0.15	35.20 1.87 0.00	34.25 1.91 0.00	28.94 1.64 0.00	23.63 1.36 0.03	22.30 1.05 -2.75
GINNA_____ 23603	14.54 -0.73 -0.64	12.17 -0.56 -0.86	10.35 -0.50 -0.77	10.09 -0.51 -0.59	10.21 -0.49 -0.64	10.80 -0.50 -0.52	15.75 -0.92 -0.29	18.74 -0.93 0.03	20.22 -0.72 0.26	22.26 -0.88 0.58	24.14 -1.01 0.82	26.55 -1.03 1.01	28.63 -1.02 1.28	30.50 -1.19 1.52	31.30 -1.52 1.67	34.33 -1.54 1.69	35.04 -1.61 1.67	37.16 -1.47 1.20	33.47 -1.52 1.19	31.49 -1.23 0.61	30.40 -1.45 0.49	26.07 -1.23 0.00	21.25 -1.03 0.03	17.90 -0.92 -0.32
GLEN PARK____ 23778	14.43 -0.41 -0.21	11.79 -0.36 -0.28	10.02 -0.31 -0.25	9.88 -0.32 -0.19	9.95 -0.32 -0.21	10.63 -0.31 -0.17	16.47 -0.02 -0.12	19.66 -0.04 0.00	21.43 0.23 0.00	24.12 0.31 -0.10	26.96 0.47 -0.52	30.29 0.68 -1.02	32.77 0.56 -1.28	35.73 0.63 -1.88	37.20 0.62 -2.09	40.36 0.75 -2.05	40.82 0.61 -1.89	43.23 1.00 -2.40	39.37 0.79 -2.41	35.80 0.57 -1.90	34.53 0.49 -1.70	28.28 0.22 -0.76	22.35 0.04 0.00	18.53 -0.09 -0.13



GLENWOOD_IC_1_G5 23712	24.80 2.00 -8.17	21.63 1.58 -8.19	18.05 1.30 -6.67	16.39 1.24 -5.14	17.92 1.30 -6.56	19.44 1.42 -7.24	21.03 2.14 -2.52	25.99 2.70 -3.60	26.21 2.99 -2.02	29.37 3.39 -2.26	30.87 3.66 -1.24	32.60 4.00 -0.01	35.20 4.27 0.00	37.93 4.71 0.00	42.10 5.00 -2.60	47.26 5.22 -4.47	56.81 5.33 -13.16	55.09 5.42 -9.84	42.71 4.99 -1.54	38.06 4.73 0.00	36.90 4.56 0.00	32.61 3.96 -1.35	34.07 3.28 -8.49	31.66 2.53 -10.63
GLENWOOD_IC_2_G1 23688	23.76 1.90 -7.23	21.55 1.51 -8.18	17.99 1.24 -6.66	16.34 1.19 -5.14	17.87 1.25 -6.56	19.37 1.36 -7.24	20.92 2.03 -2.52	24.98 2.56 -2.72	25.09 2.84 -1.05	28.50 3.22 -1.56	30.69 3.48 -1.24	32.40 3.80 -0.01	34.98 4.05 0.00	37.70 4.48 0.00	41.82 4.73 -2.60	47.15 5.11 -4.47	54.98 5.21 -11.44	54.05 5.30 -8.92	42.40 4.92 -1.31	37.83 4.50 0.00	36.71 4.36 0.00	32.42 3.77 -1.35	29.89 3.12 -4.46	27.77 2.42 -6.85
GLENWOOD_IC_3_G1 23689	23.76 1.90 -7.23	21.55 1.51 -8.18	17.99 1.24 -6.66	16.34 1.19 -5.14	17.87 1.25 -6.56	19.37 1.36 -7.24	20.92 2.03 -2.52	24.98 2.56 -2.72	25.09 2.84 -1.05	28.50 3.22 -1.56	30.69 3.48 -1.24	32.40 3.80 -0.01	34.98 4.05 0.00	37.70 4.48 0.00	41.82 4.73 -2.60	47.15 5.11 -4.47	54.98 5.21 -11.44	54.05 5.30 -8.92	42.40 4.92 -1.31	37.83 4.50 0.00	36.71 4.36 0.00	32.42 3.77 -1.35	29.89 3.12 -4.46	27.77 2.42 -6.85
GLENWOOD___4 23550	24.80 2.00 -8.17	21.63 1.58 -8.19	18.05 1.30 -6.67	16.39 1.24 -5.14	17.92 1.30 -6.56	19.44 1.42 -7.24	21.03 2.14 -2.52	25.99 2.70 -3.60	26.21 2.99 -2.02	29.37 3.39 -2.26	30.87 3.66 -1.24	32.60 4.00 -0.01	35.20 4.27 0.00	37.93 4.71 0.00	42.10 5.00 -2.60	47.34 5.30 -4.47	56.92 5.44 -13.16	55.17 5.50 -9.84	42.82 5.10 -1.54	38.06 4.73 0.00	36.90 4.56 0.00	32.61 3.96 -1.35	34.07 3.28 -8.49	31.66 2.53 -10.63
GLENWOOD___5 23614	24.80 2.00 -8.17	21.63 1.58 -8.19	18.05 1.30 -6.67	16.39 1.24 -5.14	17.92 1.30 -6.56	19.44 1.42 -7.24	21.03 2.14 -2.52	25.99 2.70 -3.60	26.21 2.99 -2.02	29.37 3.39 -2.26	30.87 3.66 -1.24	32.60 4.00 -0.01	35.20 4.27 0.00	37.93 4.71 0.00	42.10 5.00 -2.60	47.34 5.30 -4.47	56.92 5.44 -13.16	55.17 5.50 -9.84	42.82 5.10 -1.54	38.06 4.73 0.00	36.90 4.56 0.00	32.61 3.96 -1.35	34.07 3.28 -8.49	31.66 2.53 -10.63
GLOBAL GREEN_PORT_GT1 23814	24.71 3.45 -6.63	22.69 2.65 -8.18	18.92 2.17 -6.66	17.17 2.02 -5.14	18.77 2.14 -6.56	20.32 2.31 -7.24	22.03 3.14 -2.52	26.11 4.25 -2.16	26.82 5.19 -0.43	30.92 6.10 -1.11	33.95 6.75 -1.24	36.17 7.58 -0.01	39.00 8.07 0.00	42.22 9.00 0.00	46.69 9.59 -2.60	52.93 10.89 -4.47	59.79 11.23 -10.24	59.82 11.71 -8.28	47.88 10.56 -1.15	42.53 9.20 0.00	40.79 8.44 0.00	35.91 7.26 -1.35	29.70 5.51 -1.88	27.23 4.31 -4.43
GLOBE___DSASP 323697	15.10 -0.38 -0.85	12.83 -0.18 -1.14	10.95 -0.15 -1.01	10.62 -0.17 -0.78	10.77 -0.14 -0.84	11.35 -0.12 -0.69	15.97 -0.79 -0.38	18.92 -0.71 0.07	20.15 -0.34 0.71	21.52 -0.62 1.58	22.79 -0.93 2.25	24.94 -0.89 2.76	26.46 -0.96 3.51	27.86 -1.19 4.16	27.87 -2.04 4.59	31.01 -1.91 4.64	31.44 -2.30 4.58	34.52 -2.03 3.28	30.89 -2.02 3.26	30.33 -1.33 1.67	29.17 -1.84 1.34	25.85 -1.45 0.00	21.18 -1.05 0.08	17.93 -1.00 -0.43
GOETHSLN___LBMP 323567	22.18 1.87 -5.68	20.92 1.50 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.66 1.35 -4.54	21.20 2.03 -2.80	26.76 2.50 -4.56	33.43 2.75 -9.48	35.89 3.13 -9.05	37.25 3.40 -7.88	37.92 3.69 -5.64	38.17 4.02 -3.22	39.92 4.38 -2.32	41.72 4.62 -2.60	47.02 5.00 -4.46	52.74 5.02 -9.40	51.65 5.10 -6.72	41.69 4.77 -0.74	37.75 4.40 -0.02	37.19 4.34 -0.51	37.34 3.68 -6.35	36.20 3.06 -10.84	29.00 2.39 -8.12
GOODYEAR_LAKE_HYD 323669	17.09 0.85 -1.61	14.73 0.70 -2.16	12.58 0.57 -1.91	12.04 0.55 -1.48	12.23 0.57 -1.59	12.70 0.62 -1.30	18.08 0.98 -0.72	20.90 1.20 0.00	22.66 1.46 0.00	25.35 1.61 -0.02	27.86 1.79 -0.10	30.81 2.03 -0.19	33.30 2.13 -0.24	35.79 2.23 -0.35	37.31 2.31 -0.50	40.70 2.56 -0.58	41.62 2.53 -0.77	43.24 2.67 -0.74	39.11 2.46 -0.48	35.95 2.27 -0.35	34.89 2.23 -0.31	29.25 1.80 -0.14	23.74 1.43 -0.01	20.40 1.09 -0.81
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.99 0.53 -1.84	14.78 0.45 -2.47	12.65 0.37 -2.19	12.06 0.36 -1.68	12.27 0.38 -1.82	12.68 0.42 -1.49	17.74 0.54 -0.83	20.43 0.69 -0.04	22.51 0.87 -0.44	25.62 0.88 -1.02	28.52 0.93 -1.62	31.76 1.03 -2.15	34.74 1.08 -2.73	37.70 1.09 -3.38	39.20 0.96 -3.74	42.52 1.20 -3.75	43.12 1.15 -3.65	44.16 1.27 -3.06	40.34 1.12 -3.04	36.34 1.17 -1.84	34.90 1.00 -1.55	28.47 0.85 -0.32	23.09 0.73 -0.05	19.99 0.57 -0.92
GOUDEY___7 23579	16.99 0.53 -1.84	14.78 0.45 -2.47	12.65 0.37 -2.19	12.06 0.36 -1.68	12.27 0.38 -1.82	12.68 0.42 -1.49	17.74 0.54 -0.83	20.43 0.69 -0.04	22.51 0.87 -0.44	25.62 0.88 -1.02	28.52 0.93 -1.62	31.76 1.03 -2.15	34.74 1.08 -2.73	37.70 1.09 -3.38	39.20 0.96 -3.74	42.52 1.20 -3.75	43.12 1.15 -3.65	44.16 1.27 -3.06	40.34 1.12 -3.04	36.34 1.17 -1.84	34.93 1.03 -1.55	28.47 0.85 -0.32	23.09 0.73 -0.05	19.99 0.57 -0.92
GOUDEY___8 23580	16.99 0.53 -1.84	14.78 0.45 -2.47	12.65 0.37 -2.19	12.06 0.36 -1.68	12.27 0.38 -1.82	12.68 0.42 -1.49	17.74 0.54 -0.83	20.43 0.69 -0.04	22.51 0.87 -0.44	25.62 0.88 -1.02	28.52 0.93 -1.62	31.76 1.03 -2.15	34.74 1.08 -2.73	37.70 1.09 -3.38	39.20 0.96 -3.74	42.52 1.20 -3.75	43.12 1.15 -3.65	44.16 1.27 -3.06	40.34 1.12 -3.04	36.34 1.17 -1.84	34.90 1.00 -1.55	28.47 0.85 -0.32	23.09 0.73 -0.05	19.99 0.57 -0.92
GOWANUS_GT1_1 24077	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT1_2 24078	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT1_3 24079	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95



GOWANUS_GT1_4 24080	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT1_5 24084	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT1_6 24111	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT1_7 24112	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT1_8 24113	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT2_1 24114	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT2_2 24115	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT2_3 24116	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT2_4 24117	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT2_5 24118	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT2_6 24119	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT2_7 24120	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT2_8 24121	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT3_1 24122	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
GOWANUS_GT3_2 24123	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95



GOWANUS_GT3_3 24124	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT3_4 24125	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT3_5 24126	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT3_6 24127	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT3_7 24128	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT3_8 24129	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT4_1 24130	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT4_2 24131	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT4_3 24132	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT4_4 24133	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT4_5 24134	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT4_6 24135	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT4_7 24136	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GOWANUS_GT4_8 24137	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GREENIDGE___3 23582	16.03 0.34 -1.07	13.62 0.32 -1.43	11.61 0.25 -1.27	11.23 0.24 -0.98	11.39 0.27 -1.06	11.96 0.32 -0.86	17.16 0.31 -0.48	20.06 0.30 -0.07	22.43 0.55 -0.68	25.39 0.12 -1.55	28.39 0.18 -2.34	31.70 0.11 -3.00	34.87 0.12 -3.81	37.86 0.00 -4.64	39.31 -0.31 -5.12	42.61 -0.11 -5.16	43.15 -0.23 -5.05	43.72 -0.08 -3.97	39.94 -0.18 -3.95	35.61 0.03 -2.24	33.98 -0.22 -1.86	27.40 -0.16 -0.26	22.63 0.25 -0.08	19.37 0.33 -0.34



GREENIDGE___4 23583	16.03 0.34 -1.07	13.62 0.32 -1.43	11.61 0.25 -1.27	11.23 0.24 -0.98	11.39 0.27 -1.06	11.96 0.32 -0.86	17.16 0.31 -0.48	20.06 0.30 -0.07	22.43 0.55 -0.68	25.39 0.12 -1.55	28.39 0.08 -2.34	31.70 0.11 -3.00	34.87 0.12 -3.81	37.86 0.00 -4.64	39.31 -0.31 -5.12	42.61 -0.11 -5.16	43.15 -0.23 -5.05	43.72 -0.08 -3.97	39.94 -0.18 -3.95	35.61 0.03 -2.24	33.98 -0.22 -1.86	27.40 -0.16 -0.26	22.63 0.25 -0.08	19.37 0.33 -0.54
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
GROVEVILLE___HYD 323602	22.07 1.67 -5.78	20.94 1.32 -7.75	18.04 1.09 -6.87	16.39 1.09 -5.29	16.89 1.11 -5.72	16.66 1.21 -4.67	20.77 1.80 -2.59	21.94 2.24 0.00	23.76 2.56 0.00	26.63 2.92 0.00	29.19 3.22 0.00	32.10 3.52 0.00	34.80 3.87 0.00	37.44 4.22 0.00	41.14 4.52 -2.12	46.05 4.85 -3.64	50.97 4.98 -7.67	50.42 5.10 -5.49	41.45 4.67 -0.61	37.60 4.27 0.00	36.48 4.14 0.00	30.83 3.52 0.00	25.29 2.86 -0.13	23.56 2.16 -2.89
HAMPSHIRE___PAPER_HYD 323593	13.53 -1.10 0.00	10.94 -0.93 0.00	9.34 -0.75 0.00	9.30 -0.71 0.00	9.32 -0.74 0.00	9.95 -0.83 0.00	8.64 -1.56 6.18	17.87 -1.83 0.00	19.23 -1.97 0.00	21.44 -2.28 0.00	21.53 -2.49 1.94	23.58 -2.72 2.29	21.39 -2.94 6.61	21.31 -3.12 8.79	21.26 -3.21 10.02	21.15 -3.53 12.88	31.11 -3.53 3.69	36.21 -3.62 0.00	32.84 -3.33 0.00	21.30 -3.13 8.90	21.37 -2.98 8.00	21.60 -2.46 3.25	20.25 -2.05 0.00	8.61 -1.68 8.20
HARDSCRABBLE_WT_PWR 323673	15.07 0.59 0.15	12.16 0.49 0.20	10.33 0.41 0.17	10.28 0.40 0.13	10.32 0.40 0.14	11.11 0.45 0.12	16.95 0.64 0.06	20.46 0.77 0.00	22.05 0.85 0.00	24.66 0.95 0.00	27.01 1.04 0.00	29.88 1.17 -0.12	32.37 1.21 -0.23	34.78 1.23 -0.33	36.13 1.24 -0.40	39.31 1.39 -0.36	39.78 1.46 0.00	41.38 1.55 0.00	37.58 1.41 0.00	34.63 1.30 0.00	33.60 1.26 0.00	28.37 1.06 0.00	23.13 0.83 0.00	19.07 0.65 0.07
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.50 1.59 -5.28	20.19 1.25 -7.08	17.38 1.03 -6.27	15.86 1.02 -4.83	16.33 1.05 -5.22	16.18 1.14 -4.26	20.44 1.70 -2.37	21.82 2.13 0.00	23.65 2.46 0.00	26.51 2.80 0.00	29.06 3.09 0.00	31.96 3.37 0.00	34.61 3.68 0.00	37.24 4.02 0.00	41.00 4.31 -2.19	45.93 4.62 -3.75	50.98 4.75 -7.91	50.35 4.86 -5.66	41.21 4.41 -0.63	37.40 4.07 0.00	36.26 3.91 0.00	30.63 3.33 0.00	25.18 2.74 -0.14	23.19 2.05 -2.64
HARZA MOOSE___RIVER 24016	14.45 -0.17 0.00	11.71 -0.15 0.00	9.96 -0.13 0.00	9.87 -0.14 0.00	9.92 -0.14 0.00	10.65 -0.13 0.00	16.45 0.08 0.00	19.78 0.08 0.00	21.45 0.26 0.00	24.06 0.31 -0.04	26.59 0.41 -0.21	29.54 0.54 -0.41	31.91 0.46 -0.52	34.50 0.53 -0.76	35.88 0.55 -0.84	38.99 0.60 -0.82	39.66 0.58 -0.76	41.59 0.80 -0.96	37.83 0.69 -0.97	34.60 0.50 -0.76	33.48 0.45 -0.68	27.88 0.27 -0.30	22.44 0.13 0.00	18.53 0.04 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.23 1.92 -5.69	20.97 1.54 -7.56	18.01 1.26 -6.66	16.37 1.22 -5.13	16.89 1.28 -5.55	16.70 1.38 -4.54	21.21 2.03 -2.81	26.98 2.58 -4.70	33.85 2.88 -9.77	36.41 3.30 -9.40	37.68 3.58 -8.13	38.27 3.86 -5.82	38.46 4.21 -3.32	40.19 4.59 -2.39	41.82 4.73 -2.60	46.98 4.96 -4.46	52.74 5.02 -9.40	51.61 5.06 -6.72	41.73 4.81 -0.74	37.88 4.53 -0.02	37.37 4.49 -0.53	37.68 3.82 -6.55	36.55 3.08 -11.17	29.24 2.46 -8.28
HEMPSTEAD____ 23647	25.09 2.05 -8.42	21.67 1.61 -8.19	18.07 1.32 -6.67	16.39 1.24 -5.14	17.96 1.34 -6.56	19.47 1.45 -7.24	21.07 2.18 -2.52	26.27 2.74 -3.83	26.53 3.05 -2.28	29.58 3.42 -2.45	30.84 3.64 -1.24	32.57 3.97 -0.01	35.10 4.17 0.00	37.87 4.65 0.00	42.03 4.93 -2.60	47.41 5.37 -4.47	57.29 5.48 -13.48	55.42 5.58 -10.01	42.93 5.17 -1.59	38.03 4.70 0.00	36.81 4.46 0.00	32.55 3.90 -1.35	35.14 3.28 -9.56	32.71 2.57 -11.64
HICKLING___1 23621	16.60 0.59 -1.38	14.26 0.53 -1.86	12.18 0.45 -1.64	11.72 0.44 -1.27	11.91 0.47 -1.37	12.42 0.53 -1.12	17.57 0.57 -0.62	20.58 0.79 -0.10	23.31 1.14 -0.97	26.93 1.02 -2.19	30.24 1.01 -3.26	33.86 1.14 -4.13	37.32 1.15 -5.25	40.66 1.09 -6.34	42.18 0.69 -7.00	45.71 1.09 -7.06	46.21 0.96 -6.93	46.39 1.24 -5.32	42.47 1.01 -5.29	37.50 1.23 -2.93	35.63 0.87 -2.41	28.33 0.76 -0.26	23.17 0.76 -0.11	19.78 0.59 -0.69
HICKLING___2 23622	16.60 0.59 -1.38	14.26 0.53 -1.86	12.18 0.45 -1.64	11.72 0.44 -1.27	11.91 0.47 -1.37	12.42 0.53 -1.12	17.57 0.57 -0.62	20.58 0.79 -0.10	23.31 1.14 -0.97	26.93 1.02 -2.19	30.24 1.01 -3.26	33.86 1.14 -4.13	37.32 1.15 -5.25	40.66 1.09 -6.34	42.18 0.69 -7.00	45.71 1.09 -7.06	46.21 0.96 -6.93	46.39 1.24 -5.32	42.47 1.01 -5.29	37.50 1.23 -2.93	35.63 0.87 -2.41	28.33 0.76 -0.26	23.17 0.76 -0.11	19.78 0.59 -0.69
HIGH FALLS___HY 23754	22.04 1.55 -5.86	20.93 1.20 -7.86	18.04 0.99 -6.96	16.38 1.00 -5.37	16.89 1.03 -5.80	16.63 1.12 -4.74	20.67 1.67 -2.63	21.81 2.11 0.00	23.63 2.44 0.00	26.46 2.75 0.00	29.03 3.06 0.00	31.96 3.37 0.00	34.64 3.71 0.00	37.24 4.02 0.00	39.88 3.86 -1.53	44.31 4.13 -2.62	48.09 4.25 -5.52	48.12 4.34 -3.95	41.09 4.48 -0.44	37.43 4.10 0.00	36.29 3.94 0.00	30.66 3.36 0.00	25.10 2.70 -0.10	23.41 1.98 -2.94
HILLBURN___GT 23639	21.58 1.61 -5.35	20.31 1.27 -7.18	17.49 1.05 -6.35	15.94 1.03 -4.90	16.42 1.06 -5.29	16.25 1.15 -4.32	20.49 1.72 -2.40	21.84 2.15 0.00	23.61 2.42 0.00	26.46 2.75 0.00	28.98 3.01 0.00	31.85 3.26 0.00	34.49 3.56 0.00	37.10 3.88 0.00	40.87 4.10 -2.27	45.88 4.43 -3.89	51.04 4.52 -8.20	50.32 4.62 -5.87	41.09 4.27 -0.65	37.23 3.90 0.00	36.16 3.81 0.00	30.55 3.25 0.00	25.14 2.70 -0.14	23.23 2.05 -2.68
HISHELDN_WT_PWR 323625	15.76 0.15 -0.99	13.41 0.22 -1.32	11.44 0.18 -1.17	11.07 0.16 -0.90	11.23 0.19 -0.97	11.82 0.25 -0.80	16.73 -0.08 -0.44	20.29 0.22 -0.38	25.61 0.66 -3.75	32.56 0.47 -8.38	38.22 0.31 -11.94	43.68 0.43 -14.66	50.05 0.46 -18.65	55.62 0.30 -22.11	58.50 -0.38 -24.38	62.08 -0.15 -24.67	62.26 -0.42 -24.36	57.20 -0.08 -17.45	53.27 -0.22 -17.31	42.43 0.23 -8.87	39.15 -0.29 -7.10	27.22 -0.11 -0.02	22.75 0.02 -0.42	18.81 -0.18 -0.49
HOLTSVILLE_IC_1 23690	23.56 2.31 -6.62	21.83 1.79 -8.18	18.22 1.47 -6.66	16.51 1.36 -5.14	18.09 1.47 -6.56	19.61 1.59 -7.24	21.07 2.18 -2.52	24.72 2.88 -2.15	24.92 3.31 -0.42	28.62 3.79 -1.11	31.13 3.92 -1.24	32.88 4.29 -0.01	35.29 4.36 0.00	38.13 4.92 0.00	42.37 5.28 -2.60	47.97 5.93 -4.47	54.52 5.98 -10.22	54.28 6.17 -8.27	43.07 5.75 -1.15	38.33 5.00 0.00	37.07 4.72 0.00	32.88 4.23 -1.35	27.65 3.50 -1.85	25.70 2.81 -4.39



HOLTSVILLE_IC_10 23699	23.72 2.43 -6.66	21.93 1.89 -8.18	18.29 1.54 -6.66	16.58 1.43 -5.14	18.16 1.54 -6.56	19.70 1.68 -7.24	21.20 2.31 -2.52	24.93 3.05 -2.18	25.19 3.54 -0.46	28.90 4.05 -1.14	31.41 4.21 -1.24	33.23 4.63 -0.01	35.66 4.73 0.00	38.57 5.35 0.00	42.82 5.73 -2.60	48.50 6.46 -4.47	55.13 6.51 -10.29	54.88 6.73 -8.31	43.55 6.22 -1.16	38.77 5.44 0.00	37.45 5.11 0.00	33.24 4.59 -1.35	28.04 3.72 -2.01	26.04 3.00 -4.54
HOLTSVILLE_IC_2 23691	23.56 2.31 -6.62	21.83 1.79 -8.18	18.22 1.47 -6.66	16.51 1.36 -5.14	18.09 1.47 -6.56	19.61 1.59 -7.24	21.07 2.18 -2.52	24.72 2.88 -2.15	24.92 3.31 -0.42	28.62 3.79 -1.11	31.13 3.92 -1.24	32.88 4.29 -0.01	35.29 4.36 0.00	38.13 4.92 0.00	42.37 5.28 -2.60	47.97 5.93 -4.47	54.52 5.98 -10.22	54.28 6.17 -8.27	43.07 5.75 -1.15	38.33 5.00 0.00	37.07 4.72 0.00	32.88 4.23 -1.35	27.65 3.50 -1.85	25.70 2.81 -4.39
HOLTSVILLE_IC_3 23692	23.56 2.31 -6.62	21.83 1.79 -8.18	18.22 1.47 -6.66	16.51 1.36 -5.14	18.09 1.47 -6.56	19.61 1.59 -7.24	21.07 2.18 -2.52	24.72 2.88 -2.15	24.92 3.31 -0.42	28.62 3.79 -1.11	31.13 3.92 -1.24	32.88 4.29 -0.01	35.29 4.36 0.00	38.13 4.92 0.00	42.37 5.28 -2.60	47.97 5.93 -4.47	54.52 5.98 -10.22	54.28 6.17 -8.27	43.07 5.75 -1.15	38.33 5.00 0.00	37.07 4.72 0.00	32.88 4.23 -1.35	27.65 3.50 -1.85	25.70 2.81 -4.39
HOLTSVILLE_IC_4 23693	23.56 2.31 -6.62	21.83 1.79 -8.18	18.22 1.47 -6.66	16.51 1.36 -5.14	18.09 1.47 -6.56	19.61 1.59 -7.24	21.07 2.18 -2.52	24.72 2.88 -2.15	24.92 3.31 -0.42	28.62 3.79 -1.11	31.13 3.92 -1.24	32.88 4.29 -0.01	35.29 4.36 0.00	38.13 4.92 0.00	42.37 5.28 -2.60	47.97 5.93 -4.47	54.52 5.98 -10.22	54.28 6.17 -8.27	43.07 5.75 -1.15	38.33 5.00 0.00	37.07 4.72 0.00	32.88 4.23 -1.35	27.65 3.50 -1.85	25.70 2.81 -4.39
HOLTSVILLE_IC_5 23694	23.56 2.31 -6.62	21.83 1.79 -8.18	18.22 1.47 -6.66	16.51 1.36 -5.14	18.09 1.47 -6.56	19.61 1.59 -7.24	21.07 2.18 -2.52	24.72 2.88 -2.15	24.92 3.31 -0.42	28.62 3.79 -1.11	31.13 3.92 -1.24	32.88 4.29 -0.01	35.29 4.36 0.00	38.13 4.92 0.00	42.37 5.28 -2.60	47.97 5.93 -4.47	54.52 5.98 -10.22	54.28 6.17 -8.27	43.07 5.75 -1.15	38.33 5.00 0.00	37.07 4.72 0.00	32.88 4.23 -1.35	27.65 3.50 -1.85	25.70 2.81 -4.39
HOLTSVILLE_IC_6 23695	23.72 2.43 -6.66	21.93 1.89 -8.18	18.29 1.54 -6.66	16.58 1.43 -5.14	18.16 1.54 -6.56	19.70 1.68 -7.24	21.20 2.31 -2.52	24.93 3.05 -2.18	25.19 3.54 -0.46	28.90 4.05 -1.14	31.41 4.21 -1.24	33.23 4.63 -0.01	35.66 4.73 0.00	38.57 5.35 0.00	42.82 5.73 -2.60	48.50 6.46 -4.47	55.13 6.51 -10.29	54.88 6.73 -8.31	43.55 6.22 -1.16	38.77 5.44 0.00	37.45 5.11 0.00	33.24 4.59 -1.35	28.04 3.72 -2.01	26.04 3.00 -4.54
HOLTSVILLE_IC_7 23696	23.72 2.43 -6.66	21.93 1.89 -8.18	18.29 1.54 -6.66	16.58 1.43 -5.14	18.16 1.54 -6.56	19.70 1.68 -7.24	21.20 2.31 -2.52	24.93 3.05 -2.18	25.19 3.54 -0.46	28.90 4.05 -1.14	31.41 4.21 -1.24	33.23 4.63 -0.01	35.66 4.73 0.00	38.57 5.35 0.00	42.82 5.73 -2.60	48.50 6.46 -4.47	55.13 6.51 -10.29	54.88 6.73 -8.31	43.55 6.22 -1.16	38.77 5.44 0.00	37.45 5.11 0.00	33.24 4.59 -1.35	28.04 3.72 -2.01	26.04 3.00 -4.54
HOLTSVILLE_IC_8 23697	23.72 2.43 -6.66	21.93 1.89 -8.18	18.29 1.54 -6.66	16.58 1.43 -5.14	18.16 1.54 -6.56	19.70 1.68 -7.24	21.20 2.31 -2.52	24.93 3.05 -2.18	25.19 3.54 -0.46	28.90 4.05 -1.14	31.41 4.21 -1.24	33.23 4.63 -0.01	35.66 4.73 0.00	38.57 5.35 0.00	42.82 5.73 -2.60	48.50 6.46 -4.47	55.13 6.51 -10.29	54.88 6.73 -8.31	43.55 6.22 -1.16	38.77 5.44 0.00	37.45 5.11 0.00	33.24 4.59 -1.35	28.04 3.72 -2.01	26.04 3.00 -4.54
HOLTSVILLE_IC_9 23698	23.72 2.43 -6.66	21.93 1.89 -8.18	18.29 1.54 -6.66	16.58 1.43 -5.14	18.16 1.54 -6.56	19.70 1.68 -7.24	21.20 2.31 -2.52	24.93 3.05 -2.18	25.19 3.54 -0.46	28.90 4.05 -1.14	31.41 4.21 -1.24	33.23 4.63 -0.01	35.66 4.73 0.00	38.57 5.35 0.00	42.82 5.73 -2.60	48.50 6.46 -4.47	55.13 6.51 -10.29	54.88 6.73 -8.31	43.55 6.22 -1.16	38.77 5.44 0.00	37.45 5.11 0.00	33.24 4.59 -1.35	28.04 3.72 -2.01	26.04 3.00 -4.54
HOWARD_WT_PWR 323690	16.27 0.48 -1.16	13.88 0.45 -1.56	11.82 0.35 -1.38	11.41 0.33 -1.07	11.59 0.37 -1.15	12.17 0.45 -0.94	17.27 0.38 -0.52	20.52 0.69 -0.13	23.68 1.17 -1.32	27.73 1.04 -2.97	31.32 1.01 -4.34	35.13 1.11 -5.43	38.98 1.15 -6.91	42.43 0.93 -8.29	44.05 0.42 -9.14	47.51 0.71 -9.23	47.98 0.58 -9.08	47.54 0.92 -6.79	43.61 0.69 -6.75	38.01 1.03 -3.64	35.86 0.55 -2.97	28.18 0.65 -0.22	23.06 0.60 -0.15	19.41 0.33 -0.58
HQ_GEN_CEDARS 23644	13.33 -1.30 0.00	10.76 -1.10 0.00	9.26 -0.83 0.00	9.26 -0.75 0.00	9.26 -0.81 0.00	9.77 -1.00 0.00	9.26 -0.93 6.18	18.61 -1.08 0.00	20.01 -1.19 0.00	22.29 -1.42 0.00	22.47 -1.56 1.94	24.58 -1.71 2.29	22.47 -1.86 6.61	22.47 -1.96 8.79	22.47 -2.00 10.02	22.47 -2.22 12.88	32.41 -2.22 3.69	37.56 -2.27 0.00	34.07 -2.10 0.00	22.47 -1.97 8.90	22.47 -1.88 8.00	22.47 -1.58 3.25	21.03 -1.27 0.00	9.26 -1.04 8.20
HQ_GEN_CEDARS_PROXY 323590	13.33 -1.30 0.00	10.76 -1.10 0.00	9.26 -0.83 0.00	9.26 -0.75 0.00	9.26 -0.81 0.00	9.77 -1.00 0.00	9.26 -0.93 6.18	18.61 -1.08 0.00	20.01 -1.19 0.00	22.29 -1.42 0.00	22.47 -1.56 1.94	24.58 -1.71 2.29	22.47 -1.86 6.61	22.47 -1.96 8.79	22.47 -2.00 10.02	22.47 -2.22 12.88	32.41 -2.22 3.69	37.56 -2.27 0.00	34.07 -2.10 0.00	22.47 -1.97 8.90	22.47 -1.88 8.00	22.47 -1.58 3.25	21.03 -1.27 0.00	9.26 -1.04 8.20
HQ_GEN_IMPORT 323601	14.03 -0.60 0.00	9.00 -0.50 2.37	9.00 -0.40 0.68	9.00 -0.39 0.62	9.00 -0.41 0.65	10.32 -0.45 0.00	14.58 -0.52 1.27	14.48 -0.65 4.57	14.48 -0.72 6.00	18.09 -0.81 4.82	21.05 -0.88 4.04	23.40 -0.97 4.22	25.85 -1.05 4.03	27.67 -1.13 4.42	29.42 -1.14 3.94	33.37 -1.24 2.96	36.34 -1.26 0.72	36.39 -1.31 2.13	18.13 -1.19 16.85	18.03 -1.10 14.20	18.04 -1.07 13.24	18.09 -0.90 8.31	18.05 -0.76 3.50	16.91 -0.59 0.99
HQ_GEN_WHEEL 23651	14.03 -0.60 0.00	9.00 -0.50 2.37	9.00 -0.40 0.68	9.00 -0.39 0.62	9.00 -0.41 0.65	10.32 -0.45 0.00	14.58 -0.52 1.27	14.48 -0.65 4.57	14.48 -0.72 6.00	18.09 -0.81 4.82	21.05 -0.88 4.04	23.40 -0.97 4.22	25.85 -1.05 4.03	27.67 -1.13 4.42	29.42 -1.14 3.94	33.37 -1.24 2.96	36.34 -1.26 0.72	36.39 -1.31 2.13	18.13 -1.19 16.85	18.03 -1.10 14.20	18.04 -1.07 13.24	18.09 -0.90 8.31	18.05 -0.76 3.50	16.91 -0.59 0.99
HUDSON_AVE_GT_3 23810	22.24 1.93 -5.68	20.97 1.54 -7.56	18.01 1.26 -6.66	16.38 1.23 -5.13	16.88 1.27 -5.55	16.70 1.38 -4.54	21.25 2.08 -2.80	26.85 2.60 -4.56	33.55 2.88 -9.48	36.06 3.30 -9.05	37.43 3.58 -7.88	38.15 3.92 -5.64	38.42 4.27 -3.22	40.19 4.65 -2.32	41.96 4.86 -2.60	47.28 5.26 -4.46	53.08 5.36 -9.40	52.01 5.46 -6.72	41.94 5.03 -0.74	38.01 4.67 -0.02	37.42 4.56 -0.51	37.56 3.90 -6.35	36.33 3.19 -10.84	29.09 2.48 -8.12



HUDSON AVE_GT_4 23540	22.24	20.97	18.01	16.38	16.88	16.70	21.25	26.85	33.55	36.06	37.43	38.15	38.42	40.19	41.96	47.28	53.08	52.01	41.94	38.01	37.42	37.56	36.33	29.09
	1.93	1.54	1.26	1.23	1.27	1.38	2.08	2.60	2.88	3.30	3.58	3.92	4.27	4.65	4.86	5.26	5.36	5.46	5.03	4.67	4.56	3.90	3.19	2.48
	-5.68	-7.56	-6.66	-5.13	-5.55	-4.54	-2.80	-4.56	-9.48	-9.05	-7.88	-5.64	-3.22	-2.32	-2.60	-4.46	-9.40	-6.72	-0.74	-0.02	-0.51	-6.35	-10.84	-8.12
HUDSON AVE_GT_5 23657	22.24	20.97	18.01	16.38	16.88	16.70	21.25	26.85	33.55	36.06	37.43	38.15	38.42	40.19	41.96	47.28	53.08	52.01	41.94	38.01	37.42	37.56	36.33	29.09
	1.93	1.54	1.26	1.23	1.27	1.38	2.08	2.60	2.88	3.30	3.58	3.92	4.27	4.65	4.86	5.26	5.36	5.46	5.03	4.67	4.56	3.90	3.19	2.48
	-5.68	-7.56	-6.66	-5.13	-5.55	-4.54	-2.80	-4.56	-9.48	-9.05	-7.88	-5.64	-3.22	-2.32	-2.60	-4.46	-9.40	-6.72	-0.74	-0.02	-0.51	-6.35	-10.84	-8.12
HUDSON_AVE_10 24168	22.17	20.91	17.96	16.33	16.83	16.65	21.15	26.71	33.41	35.89	37.22	37.95	38.17	39.92	41.72	47.09	52.85	51.81	41.76	37.82	37.19	37.34	36.20	28.96
	1.86	1.48	1.21	1.18	1.22	1.34	1.98	2.46	2.74	3.13	3.37	3.71	4.02	4.38	4.62	5.07	5.14	5.26	4.85	4.47	4.34	3.68	3.06	2.35
	-5.68	-7.56	-6.66	-5.13	-5.55	-4.54	-2.80	-4.56	-9.47	-9.05	-7.88	-5.64	-3.22	-2.32	-2.60	-4.46	-9.40	-6.72	-0.74	-0.02	-0.51	-6.35	-10.84	-8.12
HUNTER MOUNT___DRP 323613	21.94	21.04	18.17	16.44	16.96	16.62	20.36	21.21	23.00	25.75	28.28	31.19	33.81	36.31	39.20	43.31	46.46	46.87	40.09	36.56	35.42	29.93	24.45	23.13
	1.13	0.88	0.74	0.76	0.78	0.84	1.21	1.52	1.80	2.04	2.31	2.60	2.88	3.09	3.52	3.72	3.87	3.98	3.58	3.23	3.07	2.62	2.07	1.53
	-6.19	-8.30	-7.35	-5.66	-6.12	-5.00	-2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-2.02	-4.26	-3.05	-0.34	0.00	0.00	0.00	-0.07	-3.10
HUNTINGTON_RES_REC 323705	23.51	21.77	18.16	16.46	18.04	19.56	21.11	24.78	24.96	28.60	31.15	32.80	35.20	38.03	42.27	47.82	54.48	54.12	42.90	38.20	36.93	32.80	27.84	25.84
	2.22	1.73	1.41	1.31	1.42	1.54	2.23	2.90	3.31	3.75	3.95	4.20	4.27	4.81	5.17	5.78	5.86	5.97	5.57	4.87	4.59	4.15	3.52	2.79
	-6.66	-8.18	-6.66	-5.14	-6.56	-7.24	-2.52	-2.19	-0.46	-1.14	-1.24	-0.01	0.00	0.00	-2.60	-4.47	-10.29	-8.31	-1.16	0.00	0.00	-1.35	-2.02	-4.55
HUNTLEY___63 23557	15.62	13.26	11.30	10.98	11.12	11.75	16.57	20.09	23.85	28.52	32.38	36.61	41.09	45.01	46.69	50.13	50.37	48.67	44.78	38.08	35.58	27.13	22.48	18.60
	0.12	0.22	0.18	0.17	0.19	0.27	-0.20	0.20	0.70	0.45	0.21	0.40	0.46	0.30	-0.48	-0.26	-0.61	-0.24	-0.40	0.13	-0.45	-0.19	-0.04	-0.33
	-0.87	-1.17	-1.04	-0.80	-0.86	-0.70	-0.39	-0.20	-1.95	-4.36	-6.21	-7.62	-9.70	-11.49	-12.68	-12.83	-12.67	-9.07	-9.00	-4.61	-3.69	-0.01	-0.22	-0.44
HUNTLEY___64 23558	15.62	13.26	11.30	10.98	11.12	11.75	16.57	20.09	23.85	28.52	32.38	36.61	41.09	45.01	46.69	50.13	50.37	48.67	44.78	38.08	35.58	27.13	22.48	18.60
	0.12	0.22	0.18	0.17	0.19	0.27	-0.20	0.20	0.70	0.45	0.21	0.40	0.46	0.30	-0.48	-0.26	-0.61	-0.24	-0.40	0.13	-0.45	-0.19	-0.04	-0.33
	-0.87	-1.17	-1.04	-0.80	-0.86	-0.70	-0.39	-0.20	-1.95	-4.36	-6.21	-7.62	-9.70	-11.49	-12.68	-12.83	-12.67	-9.07	-9.00	-4.61	-3.69	-0.01	-0.22	-0.44
HUNTLEY___65 23559	15.62	13.26	11.30	10.98	11.12	11.75	16.57	20.09	23.85	28.52	32.38	36.61	41.09	45.01	46.69	50.13	50.37	48.67	44.78	38.08	35.58	27.13	22.48	18.60
	0.12	0.22	0.18	0.17	0.19	0.27	-0.20	0.20	0.70	0.45	0.21	0.40	0.46	0.30	-0.48	-0.26	-0.61	-0.24	-0.40	0.13	-0.45	-0.19	-0.04	-0.33
	-0.87	-1.17	-1.04	-0.80	-0.86	-0.70	-0.39	-0.20	-1.95	-4.36	-6.21	-7.62	-9.70	-11.49	-12.68	-12.83	-12.67	-9.07	-9.00	-4.61	-3.69	-0.01	-0.22	-0.44
HUNTLEY___66 23560	15.62	13.26	11.30	10.98	11.12	11.75	16.57	20.09	23.85	28.52	32.38	36.61	41.09	45.01	46.69	50.13	50.37	48.67	44.78	38.08	35.58	27.13	22.48	18.60
	0.12	0.22	0.18	0.17	0.19	0.27	-0.20	0.20	0.70	0.45	0.21	0.40	0.46	0.30	-0.48	-0.26	-0.61	-0.24	-0.40	0.13	-0.45	-0.19	-0.04	-0.33
	-0.87	-1.17	-1.04	-0.80	-0.86	-0.70	-0.39	-0.20	-1.95	-4.36	-6.21	-7.62	-9.70	-11.49	-12.68	-12.83	-12.67	-9.07	-9.00	-4.61	-3.69	-0.01	-0.22	-0.44
HUNTLEY___67 23561	15.41	13.08	11.15	10.83	10.97	11.56	16.36	20.50	31.10	45.29	56.48	66.22	78.82	89.81	96.19	100.18	99.83	83.89	79.81	55.75	49.72	26.71	22.97	18.37
	-0.10	0.04	0.02	0.01	0.03	0.08	-0.41	-0.18	0.26	0.05	-0.18	-0.06	-0.06	-0.23	-0.97	-0.79	-1.11	-0.80	-0.87	-0.37	-0.87	-0.66	-0.42	-0.57
	-0.88	-1.18	-1.05	-0.81	-0.87	-0.71	-0.40	-0.98	-9.64	-21.53	-30.69	-37.69	-47.95	-56.82	-62.67	-63.41	-62.62	-44.85	-44.51	-22.79	-18.25	-0.06	-1.09	-0.44
HUNTLEY___68 23562	15.41	13.08	11.15	10.83	10.97	11.56	16.36	20.50	31.10	45.29	56.48	66.22	78.82	89.81	96.19	100.18	99.83	83.89	79.81	55.75	49.72	26.71	22.97	18.37
	-0.10	0.04	0.02	0.01	0.03	0.08	-0.41	-0.18	0.26	0.05	-0.18	-0.06	-0.06	-0.23	-0.97	-0.79	-1.11	-0.80	-0.87	-0.37	-0.87	-0.66	-0.42	-0.57
	-0.88	-1.18	-1.05	-0.81	-0.87	-0.71	-0.40	-0.98	-9.64	-21.53	-30.69	-37.69	-47.95	-56.82	-62.67	-63.41	-62.62	-44.85	-44.51	-22.79	-18.25	-0.06	-1.09	-0.44
HYLAND___LFGE 323620	15.99	13.52	11.51	11.15	11.31	11.93	17.16	20.53	23.42	27.14	30.43	32.98	36.42	36.91	38.25	41.35	41.85	41.70	37.97	33.41	31.70	28.38	23.26	19.49
	0.41	0.38	0.29	0.27	0.30	0.39	0.36	0.73	1.23	1.21	1.30	0.52	0.56	-2.16	-2.69	-2.74	-2.91	-2.75	-2.78	-2.27	-2.52	1.06	0.85	0.52
	-0.95	-1.28	-1.13	-0.87	-0.94	-0.77	-0.43	-0.10	-0.99	-2.22	-3.16	-3.88	-4.94	-5.85	-6.45	-6.53	-6.45	-4.62	-4.58	-2.35	-1.88	-0.01	-0.11	-0.48
INDECK___CORINTH 23802	22.61	22.26	19.32	17.18	17.78	17.17	20.27	20.40	22.00	24.69	27.11	29.87	32.35	34.84	36.65	40.07	41.36	42.68	38.20	34.90	33.96	28.67	23.39	23.14
	0.50	0.34	0.33	0.31	0.30	0.34	0.54	0.71	0.81	0.97	1.14	1.29	1.42	1.63	1.90	2.06	2.11	2.19	1.95	1.57	1.62	1.36	1.07	0.89
	-7.49	-10.05	-8.90	-6.86	-7.41	-6.05	-3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	-0.44	-0.93	-0.66	-0.07	0.00	0.00	0.00	-0.02	-3.75
INDECK___ILION 23567	14.88	11.99	10.19	10.14	10.18	10.95	16.70	20.17	21.73	24.31	26.62	29.45	31.93	34.38	35.72	38.86	39.28	40.87	37.11	34.17	33.18	27.99	22.84	18.85
	0.40	0.32	0.27	0.26	0.26	0.29	0.39	0.47	0.53	0.59	0.65	0.74	0.77	0.83	0.83	0.94	0.96	1.03	0.94	0.83	0.84	0.68	0.53	0.43
	0.15	0.20	0.17	0.13	0.14	0.12	0.06	0.00	0.00	0.00	0.00	-0.12	-0.23	-0.33	-0.40	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
INDECK___OLEAN 23982	16.15	13.74	11.74	11.36	11.53	12.12	17.22	20.83	26.24	33.27	38.77	44.26	50.50	56.18	59.06	62.89	63.07	57.84	53.95	43.04	39.72	27.79	23.31	19.34
	0.50	0.50	0.43	0.41	0.45	0.52	0.39	0.75	1.23	1.04	0.67	0.77	0.62	0.50	-0.21	0.26	0.00	0.28	0.18	0.70	0.16	0.46	0.58	0.33
	-1.02	-1.37	-1.22	-0.94	-1.01	-0.83	-0.46	-0.39	-3.81	-8.51	-12.13	-14.90	-18.95	-22.46	-24.77	-25.07	-24.75	-17.73	-17.59	-9.01	-7.21	-0.03	-0.43	-0.51



INDECK___OSWEGO 23783	14.89 -0.15 -0.41	12.30 -0.11 -0.54	10.47 -0.10 -0.48	10.27 -0.11 -0.37	10.37 -0.10 -0.40	11.02 -0.09 -0.33	16.34 -0.21 -0.19	19.40 -0.29 0.00	20.86 -0.34 0.00	23.57 -0.38 -0.23	26.82 -0.42 -1.26	30.37 -0.69 -2.46	33.27 -0.77 -3.11	36.96 -0.83 -4.57	38.63 -0.93 -5.06	41.55 -0.98 -4.96	41.87 -1.03 -4.59	44.66 -0.99 -5.82	41.07 -0.94 -5.84	37.08 -0.87 -4.61	35.60 -0.87 -4.13	28.40 -0.74 -1.83	21.90 -0.40 0.00	18.41 -0.30 -0.21
INDECK___YERKES 23781	15.63 0.13 -0.87	13.27 0.24 -1.17	11.32 0.20 -1.04	10.99 0.18 -0.80	11.14 0.21 -0.86	11.76 0.28 -0.70	16.58 -0.18 -0.39	20.11 0.22 -0.20	23.87 0.72 -1.95	28.54 0.47 -4.36	32.41 0.23 -6.21	36.64 0.43 -7.62	41.12 0.49 -9.70	45.04 0.33 -11.49	46.72 -0.45 -12.68	50.13 -0.26 -12.83	50.42 -0.57 -12.67	48.67 -0.24 -9.07	44.78 -0.40 -9.00	38.08 0.13 -4.61	35.61 -0.42 -3.69	27.15 -0.16 -0.01	22.50 -0.02 -0.22	18.62 -0.31 -0.44
INDIAN POINT_GT_1 24139	21.79 1.61 -5.55	20.60 1.28 -7.45	17.73 1.05 -6.60	16.13 1.03 -5.08	16.61 1.05 -5.49	16.41 1.14 -4.49	20.58 1.72 -2.49	21.84 2.15 0.00	23.59 2.39 0.00	26.44 2.73 0.00	28.95 2.99 0.00	31.82 3.23 0.00	34.46 3.52 0.00	37.07 3.85 0.00	41.11 4.07 -2.54	46.35 4.43 -4.36	52.03 4.52 -9.18	51.02 4.62 -6.57	41.13 4.23 -0.73	37.20 3.86 0.00	36.16 3.81 0.00	30.55 3.25 0.00	25.14 2.68 0.00	23.33 2.05 -2.78
INDIAN POINT_GT_2 23659	21.79 1.61 -5.55	20.60 1.28 -7.45	17.73 1.05 -6.60	16.13 1.03 -5.08	16.61 1.05 -5.49	16.41 1.14 -4.49	20.58 1.72 -2.49	21.84 2.15 0.00	23.59 2.39 0.00	26.44 2.73 0.00	28.95 2.99 0.00	31.82 3.23 0.00	34.46 3.52 0.00	37.07 3.85 0.00	41.11 4.07 -2.54	46.35 4.43 -4.36	52.03 4.52 -9.18	51.02 4.62 -6.57	41.13 4.23 -0.73	37.20 3.86 0.00	36.16 3.81 0.00	30.55 3.25 0.00	25.14 2.68 0.00	23.33 2.05 -2.78
INDIAN POINT_GT_3 24019	21.79 1.61 -5.55	20.60 1.28 -7.45	17.73 1.05 -6.60	16.13 1.03 -5.08	16.61 1.05 -5.49	16.41 1.14 -4.49	20.58 1.72 -2.49	21.84 2.15 0.00	23.59 2.39 0.00	26.44 2.73 0.00	28.95 2.99 0.00	31.82 3.23 0.00	34.46 3.52 0.00	37.07 3.85 0.00	41.11 4.07 -2.54	46.35 4.43 -4.36	52.03 4.52 -9.18	51.02 4.62 -6.57	41.13 4.23 -0.73	37.20 3.86 0.00	36.16 3.81 0.00	30.55 3.25 0.00	25.14 2.68 0.00	23.33 2.05 -2.78
INDIAN POINT___2 23530	21.67 1.57 -5.48	20.46 1.25 -7.35	17.62 1.02 -6.51	16.03 1.00 -5.02	16.51 1.02 -5.42	16.32 1.11 -4.43	20.50 1.67 -2.46	21.78 2.09 0.00	23.53 2.33 0.00	26.37 2.66 0.00	28.85 2.88 0.00	31.73 3.14 0.00	34.33 3.40 0.00	36.94 3.72 0.00	40.86 3.93 -2.44	45.98 4.24 -4.17	51.45 4.33 -8.79	50.54 4.42 -6.29	40.95 4.09 -0.70	37.10 3.77 0.00	36.03 3.69 0.00	30.44 3.14 0.00	25.06 2.61 0.00	23.24 2.00 -2.75
INDIAN POINT___3 23531	21.73 1.55 -5.55	20.54 1.22 -7.45	17.69 1.01 -6.60	16.09 0.99 -5.08	16.57 1.01 -5.50	16.37 1.10 -4.49	20.52 1.65 -2.49	21.76 2.07 0.00	23.51 2.31 0.00	26.35 2.63 0.00	28.83 2.86 0.00	31.70 3.12 0.00	34.30 3.37 0.00	36.90 3.69 0.00	40.94 3.90 -2.55	46.14 4.21 -4.37	51.82 4.29 -9.21	50.80 4.38 -6.59	40.95 4.05 -0.73	37.03 3.70 0.00	36.00 3.65 0.00	30.42 3.11 0.00	25.05 2.59 0.00	23.26 1.98 -2.78
IP CORINTH___1 23988	22.69 0.57 -7.49	22.33 0.42 -10.05	19.37 0.38 -8.90	17.23 0.36 -6.86	17.84 0.36 -7.41	17.24 0.41 -6.05	20.37 0.64 -3.36	20.52 0.83 0.00	22.11 0.91 0.00	24.83 1.11 0.00	27.27 1.30 0.00	30.04 1.46 0.00	32.54 1.61 0.00	35.04 1.83 0.00	36.86 2.10 -0.26	40.29 2.29 -0.44	41.59 2.34 -0.93	42.92 2.43 -0.66	38.42 2.17 -0.07	35.10 1.77 0.00	34.15 1.81 0.00	28.81 1.50 0.00	23.52 1.20 -0.02	23.25 1.00 -3.75
IP___TICONDEROGA 23804	23.32 1.51 -7.18	22.67 1.16 -9.64	19.65 1.03 -8.54	17.64 1.05 -6.58	18.19 1.02 -7.11	17.75 1.16 -5.81	21.35 1.75 -3.22	21.90 2.21 0.00	23.57 2.37 0.00	26.49 2.77 0.00	28.95 2.99 0.00	31.93 3.34 0.00	34.55 3.62 0.00	37.27 4.05 0.00	39.33 4.31 -0.53	43.16 4.69 -0.90	45.09 4.87 -1.90	46.29 5.10 -1.36	40.84 4.52 -0.15	37.20 3.86 0.00	36.16 3.81 0.00	30.55 3.25 0.00	25.03 2.70 -0.03	24.20 2.11 -3.60
ISLIP_RES_REC 323679	23.92 2.59 -6.70	22.03 1.99 -8.18	18.38 1.63 -6.66	16.66 1.51 -5.14	18.25 1.63 -6.56	19.79 1.78 -7.24	21.36 2.47 -2.52	25.21 3.29 -2.22	25.53 3.84 -0.50	29.27 4.39 -1.17	31.83 4.62 -1.24	33.68 5.09 -0.01	36.19 5.26 0.00	39.13 5.91 0.00	43.44 6.35 -2.60	49.18 7.14 -4.47	55.93 7.25 -10.36	55.63 7.45 -8.35	44.21 6.87 -1.17	39.33 6.00 0.00	38.00 5.66 0.00	33.70 5.05 -1.35	28.52 4.04 -2.18	26.44 3.24 -4.71
JARVIS____ 23743	14.63 0.15 0.15	11.80 0.13 0.20	10.01 0.10 0.17	9.98 0.10 0.13	10.02 0.10 0.14	10.77 0.11 0.12	16.41 0.10 0.06	19.82 0.12 0.00	21.32 0.13 0.00	23.88 0.17 0.00	26.15 0.18 0.00	28.91 0.20 -0.12	31.38 0.22 -0.23	33.78 0.23 -0.33	35.17 0.27 -0.40	38.22 0.30 -0.36	38.63 0.31 0.00	40.15 0.32 0.00	36.46 0.29 0.00	33.60 0.27 0.00	32.60 0.26 0.00	27.52 0.22 0.00	22.46 0.16 0.00	18.56 0.13 0.07
JENNISON___1 23625	17.49 0.94 -1.93	15.22 0.77 -2.59	12.99 0.62 -2.29	12.38 0.60 -1.76	12.59 0.61 -1.91	13.02 0.69 -1.56	18.32 1.08 -0.87	21.07 1.34 -0.03	23.21 1.70 -0.32	26.31 1.85 -0.74	29.20 2.03 -1.20	32.52 2.31 -1.62	35.37 2.38 -2.06	38.35 2.56 -2.58	39.89 2.55 -2.84	43.35 2.93 -2.85	43.97 2.88 -2.77	45.40 3.19 -2.38	41.40 2.86 -2.37	37.47 2.67 -1.47	36.08 2.49 -1.24	29.53 1.94 -0.29	23.88 1.54 -0.04	20.63 1.17 -0.97
JENNISON___2 23626	17.49 0.94 -1.93	15.22 0.77 -2.59	12.99 0.62 -2.29	12.38 0.60 -1.76	12.59 0.61 -1.91	13.02 0.69 -1.56	18.32 1.08 -0.87	21.07 1.34 -0.03	23.21 1.70 -0.32	26.31 1.85 -0.74	29.20 2.03 -1.20	32.52 2.31 -1.62	35.37 2.38 -2.06	38.35 2.56 -2.58	39.89 2.55 -2.84	43.35 2.93 -2.85	43.97 2.88 -2.77	45.40 3.19 -2.38	41.40 2.86 -2.37	37.47 2.67 -1.47	36.08 2.49 -1.24	29.53 1.94 -0.29	23.88 1.54 -0.04	20.63 1.17 -0.97
JERICHO_RISE_WT_PWR 323719	13.71 -0.92 0.00	11.08 -0.78 0.00	9.47 -0.62 0.00	9.42 -0.59 0.00	9.43 -0.63 0.00	10.08 -0.70 0.00	15.73 -0.64 0.00	18.95 -0.75 0.00	20.37 -0.83 0.00	22.74 -0.97 0.00	24.90 -1.07 0.00	25.14 -1.20 2.25	25.19 -1.30 4.44	25.40 -1.39 6.42	25.38 -1.42 7.70	29.14 -1.50 6.92	36.87 -1.46 0.00	38.36 -1.47 0.00	34.83 -1.34 0.00	32.10 -1.23 0.00	31.18 -1.16 0.00	26.30 -1.01 0.00	21.39 -0.92 0.00	17.76 -0.74 0.00
KEDC PORT_JEFF_GT2 24210	23.63 2.36 -6.65	21.87 1.83 -8.18	18.24 1.49 -6.66	16.53 1.38 -5.14	18.12 1.50 -6.56	19.64 1.63 -7.24	21.11 2.23 -2.52	24.82 2.95 -2.17	25.05 3.41 -0.44	28.75 3.91 -1.12	31.18 3.97 -1.24	32.94 4.34 -0.01	35.39 4.46 0.00	38.23 5.02 0.00	42.48 5.38 -2.60	48.12 6.08 -4.47	54.64 6.05 -10.26	54.34 6.21 -8.30	43.19 5.86 -1.15	38.43 5.10 0.00	37.13 4.79 0.00	32.96 4.31 -1.35	27.80 3.55 -1.95	25.87 2.88 -4.49



KEDC PORT_JEFF_GT3 24211	23.63 2.36 -6.65	21.87 1.83 -8.18	18.24 1.49 -6.66	16.53 1.38 -5.14	18.12 1.50 -6.56	19.64 1.63 -7.24	21.11 2.23 -2.52	24.82 2.95 -2.17	25.05 3.41 -0.44	28.75 3.91 -1.12	31.18 3.97 -1.24	32.94 4.34 -0.01	35.39 4.46 0.00	38.23 5.02 0.00	42.48 5.38 -2.60	48.12 6.08 -4.47	54.64 6.05 -10.26	54.34 6.21 -8.30	43.19 5.86 -1.15	38.43 5.10 0.00	37.13 4.79 0.00	32.96 4.31 -1.35	27.80 3.55 -1.95	25.87 2.88 -4.49
KEDC_GLWD_GT4 24219	24.80 2.00 -8.17	21.63 1.58 -8.19	18.05 1.30 -6.67	16.39 1.24 -5.14	17.92 1.30 -6.56	19.44 1.42 -7.24	21.03 2.14 -2.52	25.99 2.70 -3.60	26.21 2.99 -2.02	29.37 3.39 -2.26	30.87 3.66 -1.24	32.60 4.00 -0.01	35.20 4.27 0.00	37.93 4.71 0.00	42.10 5.00 -2.60	47.26 5.22 -4.47	56.81 5.33 -13.16	55.09 5.42 -9.84	42.71 4.99 -1.54	38.06 4.73 0.00	36.90 4.56 0.00	32.61 3.96 -1.35	34.07 3.28 -8.49	31.66 2.53 -10.63
KEDC_GLWD_GT5 24220	24.80 2.00 -8.17	21.63 1.58 -8.19	18.05 1.30 -6.67	16.39 1.24 -5.14	17.92 1.30 -6.56	19.44 1.42 -7.24	21.03 2.14 -2.52	25.99 2.70 -3.60	26.21 2.99 -2.02	29.37 3.39 -2.26	30.87 3.66 -1.24	32.60 4.00 -0.01	35.20 4.27 0.00	37.93 4.71 0.00	42.10 5.00 -2.60	47.26 5.22 -4.47	56.81 5.33 -13.16	55.09 5.42 -9.84	42.71 4.99 -1.54	38.06 4.73 0.00	36.90 4.56 0.00	32.61 3.96 -1.35	34.07 3.28 -8.49	31.66 2.53 -10.63
KENSICO____ 23655	21.93 1.71 -5.60	20.72 1.35 -7.51	17.84 1.11 -6.65	16.23 1.09 -5.12	16.72 1.12 -5.54	16.52 1.22 -4.52	20.72 1.83 -2.51	21.98 2.28 0.00	23.74 2.54 0.00	26.63 2.92 0.00	29.14 3.17 0.00	32.04 3.46 0.00	34.67 3.74 0.00	37.30 4.08 0.00	41.40 4.31 -2.60	46.67 4.66 -4.45	52.45 4.75 -9.38	51.40 4.86 -6.71	41.40 4.48 -0.74	37.43 4.10 0.00	36.35 4.01 0.00	30.75 3.44 0.00	25.30 2.83 -0.16	23.48 2.18 -2.80
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.96 1.52 -5.81	20.84 1.17 -7.80	17.96 0.97 -6.91	16.32 0.98 -5.32	16.83 1.01 -5.75	16.58 1.10 -4.70	20.62 1.64 -2.61	21.76 2.07 0.00	23.59 2.39 0.00	26.44 2.73 0.00	29.01 3.04 0.00	31.93 3.34 0.00	34.61 3.68 0.00	37.20 3.98 0.00	39.86 3.76 -1.61	44.30 3.98 -2.76	48.24 4.10 -5.81	48.17 4.18 -4.16	41.08 4.45 -0.46	37.40 4.07 0.00	36.26 3.91 0.00	30.63 3.33 0.00	25.08 2.68 -0.10	23.37 1.96 -2.91
KIAC_JFK_GT1 23816	22.15 1.84 -5.68	20.89 1.46 -7.56	17.94 1.19 -6.66	16.31 1.16 -5.13	16.80 1.19 -5.55	16.64 1.33 -4.54	21.10 1.93 -2.80	26.56 2.30 -4.56	33.24 2.56 -9.47	35.70 2.94 -9.05	36.99 3.14 -7.88	37.72 3.49 -5.64	37.89 3.74 -3.22	39.65 4.12 -2.32	41.51 4.42 -2.60	47.02 5.00 -4.46	52.78 5.06 -9.40	51.77 5.22 -6.72	41.65 4.74 -0.74	37.71 4.37 -0.02	37.00 4.14 -0.51	37.18 3.52 -6.35	36.13 2.99 -10.84	28.83 2.22 -8.12
KIAC_JFK_GT2 23817	22.15 1.84 -5.68	20.89 1.46 -7.56	17.94 1.19 -6.66	16.31 1.16 -5.13	16.80 1.19 -5.55	16.64 1.33 -4.54	21.10 1.93 -2.80	26.56 2.30 -4.56	33.24 2.56 -9.47	35.70 2.94 -9.05	36.99 3.14 -7.88	37.72 3.49 -5.64	37.89 3.74 -3.22	39.65 4.12 -2.32	41.51 4.42 -2.60	47.02 5.00 -4.46	52.78 5.06 -9.40	51.77 5.22 -6.72	41.65 4.74 -0.74	37.71 4.37 -0.02	37.00 4.14 -0.51	37.18 3.52 -6.35	36.13 2.99 -10.84	28.83 2.22 -8.12
KINTIGH____ 23543	15.09 -0.28 -0.75	12.74 -0.13 -1.00	10.85 -0.12 -0.89	10.56 -0.13 -0.68	10.69 -0.11 -0.74	11.29 -0.09 -0.60	16.17 -0.54 -0.34	19.14 -0.43 0.13	19.85 -0.11 1.24	20.63 -0.31 2.78	21.51 -0.49 3.96	23.29 -0.43 4.87	24.28 -0.46 6.19	25.25 -0.63 7.34	25.16 -1.24 8.09	28.25 -1.13 8.19	28.86 -1.38 8.08	32.93 -1.12 5.79	29.23 -1.19 5.75	29.66 -0.73 2.94	28.82 -1.16 2.36	26.42 -0.87 0.01	21.52 -0.65 0.14	18.21 -0.67 -0.37
LEDERLE____ 23769	21.70 1.67 -5.40	20.43 1.32 -7.25	17.58 1.08 -6.42	16.02 1.06 -4.95	16.50 1.09 -5.35	16.33 1.19 -4.37	20.58 1.78 -2.42	21.92 2.23 0.00	23.70 2.50 0.00	26.56 2.84 0.00	29.08 3.11 0.00	31.96 3.37 0.00	34.61 3.68 0.00	37.24 4.02 0.00	41.07 4.24 -2.34	46.19 4.62 -4.00	51.47 4.71 -8.44	50.69 4.82 -6.04	41.25 4.41 -0.67	37.40 4.07 0.00	36.29 3.94 0.00	30.66 3.36 0.00	25.24 2.79 -0.15	23.33 2.13 -2.71
LINDEN COGEN____ 23786	22.18 1.87 -5.68	20.92 1.50 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.20 2.03 -2.80	26.76 2.50 -4.56	33.43 2.75 -9.48	35.87 3.11 -9.05	37.22 3.37 -7.88	37.92 3.69 -5.64	38.14 3.99 -3.22	39.92 4.38 -2.32	41.72 4.62 -2.60	46.98 4.96 -4.46	52.74 5.02 -9.40	51.65 5.10 -6.72	41.69 4.77 -0.74	37.75 4.40 -0.02	37.16 4.30 -0.51	37.34 3.68 -6.35	36.20 3.06 -10.84	28.98 2.37 -8.12
LIPA_MISC_IPP 23656	23.61 2.36 -6.63	21.87 1.83 -8.18	18.25 1.50 -6.66	16.53 1.38 -5.14	18.12 1.50 -6.56	19.64 1.63 -7.24	21.00 2.11 -2.52	24.67 2.82 -2.15	24.90 3.29 -0.42	28.62 3.79 -1.11	31.13 3.92 -1.24	32.91 4.32 -0.01	35.35 4.42 0.00	38.20 4.98 0.00	42.44 5.35 -2.60	48.09 6.05 -4.47	54.72 6.17 -10.23	54.45 6.33 -8.28	43.22 5.90 -1.15	38.43 5.10 0.00	37.13 4.79 0.00	32.94 4.29 -1.35	27.65 3.48 -1.87	25.71 2.79 -4.41
LISF__SOLAR 323691	23.65 2.39 -6.63	21.88 1.84 -8.18	18.27 1.52 -6.66	16.55 1.40 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	21.00 2.11 -2.52	24.67 2.82 -2.16	24.93 3.31 -0.43	28.65 3.82 -1.12	31.15 3.95 -1.24	32.94 4.34 -0.01	35.39 4.46 0.00	38.26 5.05 0.00	42.51 5.42 -2.60	48.16 6.13 -4.47	54.81 6.25 -10.24	54.57 6.45 -8.28	43.29 5.97 -1.15	38.50 5.17 0.00	37.19 4.85 0.00	32.99 4.34 -1.35	27.72 3.52 -1.89	25.74 2.81 -4.44
LITTLE FALLS__HYD 24013	15.18 0.70 0.15	12.25 0.58 0.20	10.40 0.48 0.17	10.35 0.47 0.13	10.40 0.48 0.14	11.19 0.53 0.12	17.06 0.75 0.06	20.60 0.91 0.00	22.19 1.00 0.00	24.83 1.11 0.00	27.19 1.22 0.00	30.05 1.34 -0.12	32.58 1.42 -0.23	35.01 1.46 -0.33	36.34 1.45 -0.40	39.54 1.61 -0.36	40.01 1.68 0.00	41.63 1.79 0.00	37.80 1.63 0.00	34.83 1.50 0.00	33.83 1.49 0.00	28.56 1.26 0.00	23.31 1.00 0.00	19.22 0.79 0.07
LI_NEWBRDGE__DRP 323616	22.97 2.03 -6.31	21.65 1.61 -8.17	18.07 1.32 -6.66	16.38 1.23 -5.14	17.96 1.34 -6.56	19.47 1.45 -7.24	21.05 2.16 -2.52	24.27 2.72 -1.85	24.28 2.99 -0.09	27.95 3.37 -0.87	30.71 3.50 -1.24	32.43 3.83 -0.01	34.89 3.96 0.00	37.64 4.42 0.00	41.82 4.73 -2.60	47.22 5.19 -4.47	53.25 5.29 -9.64	53.17 5.38 -7.97	42.24 4.99 -1.07	37.80 4.47 0.00	36.61 4.27 0.00	32.42 3.77 -1.35	26.06 3.26 -0.50	24.18 2.55 -3.13
LONG_LAKE_PHOENIX 24014	14.95 -0.10 -0.42	12.37 -0.06 -0.57	10.52 -0.07 -0.50	10.32 -0.08 -0.39	10.42 -0.06 -0.42	11.06 -0.05 -0.34	16.40 -0.16 -0.19	19.48 -0.22 0.00	20.94 -0.25 0.00	23.61 -0.28 -0.18	26.64 -0.31 -0.98	30.12 -0.37 -1.91	32.93 -0.40 -2.40	36.28 -0.47 -3.53	37.89 -0.52 -3.91	40.88 -0.53 -3.84	41.29 -0.57 -3.55	43.81 -0.52 -4.50	40.15 -0.54 -4.52	36.43 -0.47 -3.57	35.05 -0.48 -3.19	28.28 -0.44 -1.42	21.99 -0.31 0.00	18.49 -0.22 -0.21



LOVETT___3 23632	21.58 1.54 -5.42	20.36 1.22 -7.27	17.53 1.00 -6.44	15.96 0.98 -4.96	16.44 1.01 -5.37	16.26 1.10 -4.38	20.46 1.65 -2.43	21.74 2.05 0.00	23.49 2.29 0.00	26.32 2.61 0.00	28.77 2.81 0.00	31.62 3.03 0.00	34.21 3.28 0.00	36.81 3.59 0.00	40.65 3.79 -2.36	45.71 4.10 -4.05	51.03 4.18 -8.53	50.20 4.26 -6.11	40.79 3.94 -0.67	36.97 3.63 0.00	35.90 3.56 0.00	30.34 3.03 0.00	24.99 2.54 -0.15	23.17 1.96 -2.72
LOVETT___4 23642	21.63 1.58 -5.42	20.39 1.25 -7.28	17.56 1.03 -6.45	15.99 1.01 -4.97	16.46 1.03 -5.37	16.28 1.12 -4.39	20.49 1.69 -2.43	21.81 2.11 0.00	23.55 2.35 0.00	26.39 2.68 0.00	28.85 2.88 0.00	31.70 3.12 0.00	34.33 3.40 0.00	36.94 3.72 0.00	40.76 3.90 -2.37	45.86 4.24 -4.05	51.20 4.33 -8.55	50.33 4.38 -6.11	40.90 4.05 -0.68	37.06 3.73 0.00	36.00 3.65 0.00	30.42 3.11 0.00	25.06 2.61 -0.15	23.21 2.00 -2.72
LOVETT___5 23593	21.63 1.58 -5.42	20.39 1.25 -7.28	17.56 1.03 -6.45	15.99 1.01 -4.97	16.46 1.03 -5.37	16.28 1.12 -4.39	20.49 1.69 -2.43	21.81 2.11 0.00	23.55 2.35 0.00	26.39 2.68 0.00	28.85 2.88 0.00	31.70 3.12 0.00	34.33 3.40 0.00	36.94 3.72 0.00	40.76 3.90 -2.37	45.86 4.24 -4.05	51.20 4.33 -8.55	50.33 4.38 -6.11	40.90 4.05 -0.68	37.06 3.73 0.00	36.00 3.65 0.00	30.42 3.11 0.00	25.06 2.61 -0.15	23.21 2.00 -2.72
LOWER RAQUET___HYD 24057	12.96 -1.67 0.00	10.47 -1.40 0.00	8.99 -1.10 0.00	8.98 -1.03 0.00	8.97 -1.10 0.00	9.50 -1.27 0.00	8.82 -1.38 6.18	18.08 -1.61 0.00	19.46 -1.74 0.00	21.68 -2.04 0.00	21.82 -2.21 1.94	23.86 -2.43 2.29	21.70 -2.63 6.61	21.64 -2.79 8.79	21.61 -2.86 10.02	21.57 -3.12 12.88	31.49 -3.14 3.69	36.61 -3.23 0.00	33.21 -2.97 0.00	21.64 -2.80 8.90	21.70 -2.65 8.00	21.82 -2.24 3.25	20.43 -1.87 0.00	8.76 -1.54 8.20
LOWER___HUDSON 24059	22.83 0.82 -7.39	22.43 0.65 -9.91	19.44 0.57 -8.78	17.33 0.56 -6.76	17.94 0.56 -7.31	17.36 0.61 -5.97	20.59 0.90 -3.31	20.82 1.12 0.00	22.36 1.17 0.00	25.09 1.37 0.00	27.50 1.53 0.00	30.30 1.72 0.00	32.82 1.89 0.00	35.31 2.09 0.00	36.95 2.28 -0.18	40.35 2.48 -0.31	41.50 2.53 -0.65	42.88 2.59 -0.46	38.61 2.39 -0.05	35.37 2.03 0.00	34.38 2.04 0.00	29.03 1.72 0.00	23.72 1.41 -0.01	23.34 1.15 -3.70
LWR___OSWEGATCHIE_HYD 23850	13.53 -1.10 0.00	10.94 -0.93 0.00	9.34 -0.75 0.00	9.30 -0.71 0.00	9.32 -0.74 0.00	9.95 -0.83 0.00	8.64 -1.56 6.18	17.87 -1.83 0.00	19.23 -1.97 0.00	21.44 -2.28 0.00	21.53 -2.49 1.94	23.58 -2.72 2.29	21.39 -2.94 6.61	21.31 -3.12 8.79	21.26 -3.21 10.02	21.15 -3.53 12.88	31.11 -3.53 3.69	36.21 -3.62 0.00	32.84 -3.33 0.00	21.30 -3.13 8.90	21.37 -2.98 8.00	21.60 -2.46 3.25	20.25 -2.05 0.00	8.61 -1.68 8.20
LYONS_FALL_HYD 23570	14.45 -0.17 0.00	11.71 -0.15 0.00	9.96 -0.13 0.00	9.87 -0.14 0.00	9.92 -0.14 0.00	10.65 -0.13 0.00	16.45 0.08 0.00	19.78 0.08 0.00	21.45 0.26 0.00	24.06 0.31 -0.04	26.59 0.41 -0.21	29.54 0.54 -0.41	31.91 0.46 -0.52	34.50 0.53 -0.76	35.88 0.55 -0.84	38.99 0.60 -0.82	39.66 0.58 -0.76	41.59 0.80 -0.96	37.83 0.69 -0.97	34.60 0.50 -0.76	33.48 0.45 -0.68	27.88 0.27 -0.30	22.44 0.13 0.00	18.53 0.04 0.00
MADISON___COUNTY_LFGE 323628	15.13 0.34 -0.16	12.37 0.28 -0.22	10.50 0.22 -0.19	10.37 0.21 -0.15	10.45 0.22 -0.16	11.16 0.26 -0.13	16.86 0.41 -0.08	20.19 0.49 0.00	21.85 0.66 0.00	24.48 0.74 -0.03	26.97 0.83 -0.17	29.89 0.97 -0.33	32.34 0.99 -0.42	34.90 1.06 -0.62	36.25 1.07 -0.69	39.48 1.24 -0.67	40.17 1.23 -0.62	42.02 1.39 -0.79	38.16 1.19 -0.79	35.02 1.07 -0.63	33.91 1.00 -0.56	28.29 0.74 -0.25	22.86 0.56 0.00	19.01 0.43 -0.09
MAPLE_RIDGE_WT_1 323574	13.99 -0.31 0.33	11.16 -0.26 0.44	9.48 -0.21 0.39	9.50 -0.21 0.30	9.52 -0.22 0.33	10.25 -0.26 0.27	15.91 -0.31 0.15	19.32 -0.37 0.00	20.84 -0.36 0.00	23.33 -0.38 0.00	25.58 -0.39 0.00	28.95 -0.43 -0.79	31.99 -0.50 -1.56	34.94 -0.53 -2.25	36.65 -0.55 -2.70	39.43 -0.56 -2.43	37.79 -0.54 0.00	39.36 -0.48 0.00	35.74 -0.43 0.00	32.93 -0.40 0.00	31.96 -0.39 0.00	26.92 -0.38 0.00	21.95 -0.36 0.00	18.02 -0.31 0.17
MAPLE_RIDGE_WT_2 323611	13.99 -0.31 0.33	11.16 -0.26 0.44	9.48 -0.21 0.39	9.50 -0.21 0.30	9.52 -0.22 0.33	10.25 -0.26 0.27	15.91 -0.31 0.15	19.32 -0.37 0.00	20.84 -0.36 0.00	23.33 -0.38 0.00	25.58 -0.39 0.00	28.95 -0.43 -0.79	31.99 -0.50 -1.56	34.94 -0.53 -2.25	36.65 -0.55 -2.70	39.43 -0.56 -2.43	37.79 -0.54 0.00	39.36 -0.48 0.00	35.74 -0.43 0.00	32.93 -0.40 0.00	31.96 -0.39 0.00	26.92 -0.38 0.00	21.95 -0.36 0.00	18.02 -0.31 0.17
MARBLE_RIVER_WT_PWR 323696	13.75 -0.88 0.00	11.12 -0.75 0.00	9.50 -0.59 0.00	9.46 -0.55 0.00	9.47 -0.59 0.00	10.11 -0.67 0.00	15.72 -0.66 0.00	18.93 -0.77 0.00	20.35 -0.85 0.00	22.72 -1.00 0.00	24.88 -1.09 0.00	25.11 -1.23 2.25	25.16 -1.33 4.44	25.37 -1.43 6.42	25.35 -1.45 7.70	29.10 -1.54 6.92	36.83 -1.50 0.00	38.36 -1.47 0.00	34.83 -1.34 0.00	32.07 -1.27 0.00	31.15 -1.20 0.00	26.27 -1.04 0.00	21.35 -0.96 0.00	17.72 -0.78 0.00
MARSH_HILL_WT_PWR 323713	16.28 0.50 -1.15	13.87 0.46 -1.54	11.83 0.37 -1.37	11.42 0.35 -1.05	11.59 0.38 -1.14	12.17 0.46 -0.93	17.28 0.39 -0.52	20.55 0.71 -0.14	23.77 1.19 -1.39	27.88 1.04 -3.13	31.54 1.01 -4.56	35.40 1.11 -5.70	39.32 1.15 -7.24	42.83 0.93 -8.68	44.45 0.38 -9.57	47.95 0.71 -9.67	48.37 0.54 -9.52	47.84 0.92 -7.09	43.90 0.69 -7.04	38.11 1.00 -3.78	35.97 0.55 -3.08	28.17 0.65 -0.21	23.08 0.62 -0.16	19.43 0.35 -0.58
MG INDUSTRY___DRP 24185	22.42 0.73 -7.06	21.95 0.60 -9.48	18.99 0.51 -8.39	16.99 0.51 -6.47	17.57 0.51 -6.99	17.04 0.55 -5.71	20.34 0.80 -3.17	20.70 1.00 0.00	22.24 1.04 0.00	24.92 1.21 0.00	27.29 1.32 0.00	30.04 1.46 0.00	32.54 1.61 0.00	34.98 1.76 0.00	36.54 1.93 -0.11	39.78 2.03 -0.19	40.83 2.11 -0.40	42.19 2.07 -0.29	38.16 1.95 -0.03	35.06 1.73 0.00	34.09 1.75 0.00	28.78 1.47 0.00	23.51 1.20 -0.01	23.01 0.98 -3.54
MID___OSWEGATCHIE_HYD 23849	13.53 -1.10 0.00	10.94 -0.93 0.00	9.34 -0.75 0.00	9.30 -0.71 0.00	9.32 -0.74 0.00	9.95 -0.83 0.00	8.64 -1.56 6.18	17.87 -1.83 0.00	19.23 -1.97 0.00	21.44 -2.28 0.00	21.53 -2.49 1.94	23.58 -2.72 2.29	21.39 -2.94 6.61	21.31 -3.12 8.79	21.26 -3.21 10.02	21.15 -3.53 12.88	31.11 -3.53 3.69	36.21 -3.62 0.00	32.84 -3.33 0.00	21.30 -3.13 8.90	21.37 -2.98 8.00	21.60 -2.46 3.25	20.25 -2.05 0.00	8.61 -1.68 8.20
MID___RAQUETTE_HYD 23851	12.96 -1.67 0.00	10.47 -1.40 0.00	8.99 -1.10 0.00	8.98 -1.03 0.00	8.97 -1.10 0.00	9.50 -1.27 0.00	8.82 -1.38 6.18	18.08 -1.61 0.00	19.46 -1.74 0.00	21.68 -2.04 0.00	21.82 -2.21 1.94	23.86 -2.43 2.29	21.70 -2.63 6.61	21.64 -2.79 8.79	21.61 -2.86 10.02	21.57 -3.12 12.88	31.49 -3.14 3.69	36.61 -3.23 0.00	33.21 -2.97 0.00	21.64 -2.80 8.90	21.70 -2.65 8.00	21.82 -2.24 3.25	20.43 -1.87 0.00	8.76 -1.54 8.20



MILLIKEN___1 23584	15.95 0.34 -0.99	13.48 0.28 -1.33	11.48 0.22 -1.18	11.12 0.20 -0.91	11.27 0.22 -0.98	11.85 0.27 -0.80	17.18 0.36 -0.45	20.19 0.47 -0.02	22.08 0.66 -0.22	24.94 0.66 -0.56	27.74 0.73 -1.05	30.94 0.83 -1.52	33.76 0.90 -1.93	36.70 0.96 -2.52	38.14 0.86 -2.78	41.39 1.05 -2.78	41.79 0.81 -2.66	43.12 0.72 -2.57	39.72 0.98 -2.57	36.07 1.00 -1.74	34.69 0.84 -1.51	28.44 0.65 -0.48	22.84 0.51 -0.03	19.38 0.39 -0.50
MILLIKEN___2 23585	15.95 0.34 -0.99	13.48 0.28 -1.33	11.48 0.22 -1.18	11.12 0.20 -0.91	11.27 0.22 -0.98	11.85 0.27 -0.80	17.18 0.36 -0.45	20.19 0.47 -0.02	22.08 0.66 -0.22	24.94 0.66 -0.56	27.74 0.73 -1.05	30.94 0.83 -1.52	33.76 0.90 -1.93	36.70 0.96 -2.52	38.14 0.86 -2.78	41.39 1.05 -2.78	41.79 0.81 -2.66	43.12 0.72 -2.57	39.72 0.98 -2.57	36.07 1.00 -1.74	34.69 0.84 -1.51	28.44 0.65 -0.48	22.84 0.51 -0.03	19.38 0.39 -0.50
MILLIKEN___DIESEL 23629	15.95 0.34 -0.99	13.48 0.28 -1.33	11.48 0.22 -1.18	11.12 0.20 -0.91	11.27 0.22 -0.98	11.85 0.27 -0.80	17.18 0.36 -0.45	20.19 0.47 -0.02	22.08 0.66 -0.22	24.94 0.66 -0.56	27.74 0.73 -1.05	30.94 0.83 -1.52	33.76 0.90 -1.93	36.70 0.96 -2.52	38.14 0.86 -2.78	41.39 1.05 -2.78	41.79 0.81 -2.66	43.12 0.72 -2.57	39.72 0.98 -2.57	36.07 1.00 -1.74	34.69 0.84 -1.51	28.44 0.65 -0.48	22.84 0.51 -0.03	19.38 0.39 -0.50
MILLSEAT___LFGE 323607	15.53 0.09 -0.81	13.14 0.19 -1.09	11.19 0.14 -0.96	10.87 0.12 -0.74	11.02 0.15 -0.80	11.66 0.23 -0.66	16.56 -0.18 -0.37	19.99 0.14 -0.15	23.38 0.68 -1.50	27.49 0.43 -3.35	30.98 0.23 -4.78	34.91 0.46 -5.87	38.95 0.56 -7.46	42.46 0.40 -8.84	43.94 -0.31 -9.75	47.32 -0.11 -9.87	47.65 -0.42 -9.75	46.77 -0.04 -6.98	42.81 -0.29 -6.93	37.08 0.20 -3.55	34.83 -0.36 -2.84	27.10 -0.22 -0.01	22.36 -0.11 -0.17	18.61 -0.30 -0.41
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.84 1.64 -5.57	20.65 1.31 -7.48	17.78 1.07 -6.62	16.17 1.05 -5.10	16.66 1.08 -5.52	16.46 1.17 -4.51	20.64 1.77 -2.50	21.90 2.21 0.00	23.65 2.46 0.00	26.51 2.80 0.00	29.01 3.04 0.00	31.90 3.31 0.00	34.55 3.62 0.00	37.17 3.95 0.00	41.24 4.17 -2.58	46.48 4.51 -4.42	52.23 4.60 -9.31	51.15 4.66 -6.66	41.21 4.30 -0.74	37.26 3.93 0.00	36.22 3.88 0.00	30.61 3.30 0.00	25.18 2.72 -0.16	23.38 2.09 -2.79
MODEL_CITY_ENERGY 24167	15.28 -0.20 -0.85	12.99 -0.02 -1.15	11.07 -0.03 -1.02	10.74 -0.05 -0.78	10.89 -0.02 -0.85	11.50 0.03 -0.69	16.17 -0.59 -0.38	19.47 -0.47 -0.25	23.62 -0.04 -2.47	28.85 -0.38 -5.51	33.13 -0.70 -7.86	37.64 -0.60 -9.65	42.59 -0.62 -12.28	46.94 -0.83 -14.55	48.82 -1.72 -16.05	52.23 -1.58 -16.24	52.41 -1.95 -16.04	49.65 -1.67 -11.49	45.87 -1.70 -11.40	38.17 -1.00 -5.84	35.50 -1.52 -4.67	26.12 -1.20 -0.02	21.71 -0.87 -0.28	18.08 -0.85 -0.43
MODERN_LFGE___ 323580	15.28 -0.20 -0.85	12.99 -0.02 -1.15	11.07 -0.03 -1.02	10.74 -0.05 -0.78	10.89 -0.02 -0.85	11.50 0.03 -0.69	16.17 -0.59 -0.38	19.47 -0.47 -0.25	23.62 -0.04 -2.47	28.85 -0.38 -5.51	33.13 -0.70 -7.86	37.64 -0.60 -9.65	42.59 -0.62 -12.28	46.94 -0.83 -14.55	48.82 -1.72 -16.05	52.23 -1.58 -16.24	52.41 -1.95 -16.04	49.65 -1.67 -11.49	45.87 -1.70 -11.40	38.17 -1.00 -5.84	35.50 -1.52 -4.67	26.12 -1.20 -0.02	21.71 -0.87 -0.28	18.08 -0.85 -0.43
MOHAWK_PAPER___DRP 24187	22.69 0.79 -7.28	22.28 0.65 -9.76	19.30 0.56 -8.65	17.22 0.55 -6.66	17.82 0.55 -7.20	17.26 0.60 -5.88	20.50 0.87 -3.27	20.78 1.08 0.00	22.32 1.12 0.00	25.02 1.30 0.00	27.45 1.48 0.00	30.24 1.66 0.00	32.75 1.82 0.00	35.24 2.03 0.00	36.81 2.21 -0.11	40.12 2.37 -0.18	41.17 2.45 -0.39	42.58 2.47 -0.28	38.48 2.28 -0.03	35.30 1.97 0.00	34.32 1.97 0.00	28.94 1.64 0.00	23.65 1.34 -0.01	23.25 1.11 -3.65
MONGAUP___HYD 23641	21.33 1.57 -5.13	19.97 1.22 -6.89	17.19 1.01 -6.10	15.75 1.04 -4.70	16.20 1.06 -5.08	16.09 1.16 -4.15	20.36 1.69 -2.30	21.78 2.09 0.00	23.70 2.50 0.00	26.54 2.82 0.00	29.11 3.14 0.00	32.07 3.49 0.00	34.76 3.83 0.00	37.27 4.05 0.00	40.37 3.83 -2.05	45.17 4.10 -3.51	49.94 4.22 -7.40	49.47 4.34 -5.29	41.10 4.34 -0.59	37.63 4.30 0.00	36.42 4.08 0.00	30.80 3.50 0.00	25.24 2.81 -0.13	23.14 2.07 -2.57
MONTAUK___DIESEL 23721	24.73 3.47 -6.63	22.70 2.66 -8.18	18.93 2.18 -6.66	17.18 2.03 -5.14	18.78 2.15 -6.56	20.33 2.32 -7.24	22.05 3.16 -2.52	26.13 4.27 -2.16	26.86 5.24 -0.43	30.95 6.12 -1.11	33.95 6.75 -1.24	36.14 7.55 -0.01	39.00 8.07 0.00	42.22 9.00 0.00	46.65 9.55 -2.60	52.93 10.89 -4.47	59.75 11.19 -10.24	59.78 11.67 -8.28	47.88 10.56 -1.15	42.53 9.20 0.00	40.79 8.44 0.00	35.89 7.24 -1.35	29.70 5.51 -1.88	27.23 4.31 -4.43
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.02 1.86 -5.54	20.84 1.48 -7.49	17.97 1.22 -6.66	16.34 1.19 -5.13	16.83 1.22 -5.55	16.63 1.33 -4.53	20.62 2.00 -2.25	17.94 2.50 4.25	15.13 2.78 8.84	18.45 3.18 8.45	22.07 3.45 7.35	27.06 3.74 5.27	32.01 4.08 3.00	35.51 4.45 2.16	41.75 4.65 -2.60	47.06 5.04 -4.46	52.82 5.10 -9.40	51.73 5.18 -6.72	41.73 4.81 -0.74	37.78 4.47 0.01	36.23 4.36 0.48	25.12 3.74 5.93	15.55 3.06 9.81	18.72 2.37 2.14
MUNSVILLE_WIND_PWR 323609	17.45 1.16 -1.66	15.03 0.94 -2.23	12.79 0.73 -1.98	12.23 0.70 -1.52	12.42 0.70 -1.65	12.93 0.81 -1.34	18.48 1.36 -0.75	21.42 1.69 -0.03	23.71 2.20 -0.31	26.86 2.42 -0.73	29.83 2.65 -1.21	33.30 3.06 -1.65	36.19 3.16 -2.10	39.32 3.45 -2.65	40.94 3.52 -2.93	44.52 4.02 -2.94	45.11 3.95 -2.84	46.72 4.38 -2.51	42.65 3.98 -2.50	38.55 3.63 -1.58	37.09 3.40 -1.35	30.21 2.57 -0.34	24.32 1.98 -0.03	20.83 1.50 -0.83
N SALMON___HYD 24042	13.53 -1.10 0.00	10.93 -0.94 0.00	9.36 -0.73 0.00	9.33 -0.68 0.00	9.31 -0.76 0.00	9.94 -0.84 0.00	9.42 -0.77 6.18	18.85 -0.85 0.00	20.26 -0.93 0.00	22.60 -1.11 0.00	22.81 -1.22 1.94	24.95 -1.34 2.29	22.87 -1.45 6.61	22.87 -1.56 8.79	22.89 -1.59 10.02	22.96 -1.73 12.88	32.95 -1.69 3.69	38.12 -1.71 0.00	34.62 -1.55 0.00	22.97 -1.47 8.90	22.99 -1.36 8.00	22.88 -1.17 3.25	21.23 -1.07 0.00	9.43 -0.87 8.20
N.E._GEN_SANDY PD 24062	22.40 1.17 -6.61	21.68 0.95 -8.86	18.73 0.80 -7.85	16.86 0.80 -6.05	17.41 0.81 -6.54	17.00 0.88 -5.34	20.65 1.31 -2.96	21.33 1.63 0.00	22.94 1.74 0.00	25.73 2.01 0.00	28.15 2.18 0.00	30.99 2.40 0.00	33.56 2.63 0.00	36.11 2.89 0.00	38.77 3.07 -1.20	42.93 3.31 -2.06	46.08 3.41 -4.35	46.41 3.46 -3.11	39.70 3.18 -0.34	36.16 2.83 0.00	35.13 2.78 0.00	29.68 2.37 0.00	24.36 1.98 -0.08	23.36 1.55 -3.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.65 1.61 -5.41	20.40 1.27 -7.26	17.56 1.04 -6.43	15.99 1.02 -4.96	16.47 1.05 -5.36	16.30 1.14 -4.38	20.52 1.72 -2.43	21.84 2.15 0.00	23.61 2.42 0.00	26.44 2.73 0.00	28.93 2.96 0.00	31.82 3.23 0.00	34.42 3.49 0.00	37.04 3.82 0.00	40.88 4.03 -2.35	45.99 4.39 -4.03	51.30 4.48 -8.50	50.49 4.58 -6.08	41.04 4.19 -0.67	37.20 3.86 0.00	36.13 3.78 0.00	30.53 3.22 0.00	25.13 2.68 -0.15	23.26 2.05 -2.71



NARROWS_GT1_1 24228	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT1_2 24229	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT1_3 24230	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT1_4 24231	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT1_5 24232	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT1_6 24233	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT1_7 24234	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT1_8 24235	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT2_1 24236	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT2_2 24237	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT2_3 24238	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT2_4 24239	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT2_5 24240	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT2_6 24241	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95
NARROWS_GT2_7 24242	22.34	21.04	18.06	16.42	16.93	16.72	21.23	27.02	33.94	39.76	40.38	40.32	39.71	40.42	42.03	47.17	52.97	51.85	41.98	40.00	40.00	40.00	40.02	30.98
	2.02	1.61	1.31	1.27	1.32	1.40	2.05	2.62	2.97	3.42	3.71	4.06	4.39	4.81	4.93	5.15	5.25	5.30	5.03	4.73	4.69	3.99	3.21	2.53
	-5.69	-7.56	-6.66	-5.13	-5.55	-4.54	-2.81	-4.70	-9.77	-12.63	-10.70	-7.68	-4.39	-2.39	-2.60	-4.46	-9.40	-6.72	-0.78	-1.94	-2.97	-8.71	-14.51	-9.95



NARROWS_GT2_8 24243	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.94 1.13 -6.19	21.04 0.88 -8.30	18.17 0.74 -7.35	16.44 0.76 -5.66	16.96 0.78 -6.12	16.62 0.84 -5.00	20.36 1.21 -2.78	21.21 1.52 0.00	23.00 1.80 0.00	25.75 2.04 0.00	28.28 2.31 0.00	31.19 2.60 0.00	33.81 2.88 0.00	36.31 3.09 0.00	39.20 3.52 -1.18	43.31 3.72 -2.02	46.46 3.87 -4.26	46.87 3.98 -3.05	40.09 3.58 -0.34	36.56 3.23 0.00	35.42 3.07 0.00	29.93 2.62 0.00	24.45 2.07 -0.07	23.13 1.53 -3.10
NEG CAPITAL___MECHNVIL 23645	23.03 0.89 -7.51	22.63 0.69 -10.07	19.62 0.62 -8.92	17.48 0.59 -6.87	18.09 0.59 -7.43	17.50 0.66 -6.07	20.72 0.98 -3.37	20.92 1.22 0.00	22.51 1.31 0.00	25.28 1.56 0.00	27.74 1.77 0.00	30.56 1.97 0.00	33.13 2.20 0.00	35.64 2.42 0.00	37.33 2.66 -0.18	40.76 2.89 -0.30	41.95 2.99 -0.63	43.35 3.07 -0.45	39.01 2.79 -0.05	35.73 2.40 0.00	34.70 2.36 0.00	29.27 1.97 0.00	23.90 1.58 -0.01	23.59 1.33 -3.76
NEG CENTRAL_HIGH_ACRES 23767	15.01 -0.26 -0.65	12.56 -0.18 -0.87	10.69 -0.17 -0.77	10.42 -0.19 -0.59	10.54 -0.17 -0.64	11.15 -0.15 -0.53	16.27 -0.39 -0.29	19.36 -0.32 0.02	20.91 -0.06 0.23	23.07 -0.14 0.51	25.04 -0.21 0.72	27.56 -0.14 0.88	29.71 -0.09 1.13	31.69 -0.20 1.33	32.54 -0.48 1.47	35.66 -0.41 1.49	36.35 -0.50 1.47	38.46 -0.32 1.05	34.62 -0.51 1.04	32.53 -0.27 0.53	31.37 -0.55 0.43	26.87 -0.44 0.00	21.90 -0.38 0.03	18.43 -0.39 -0.33
NEG CENTRAL___DRP 24199	15.52 0.19 -0.70	12.98 0.18 -0.94	11.06 0.14 -0.83	10.77 0.12 -0.64	10.91 0.15 -0.69	11.52 0.18 -0.56	16.83 0.15 -0.32	19.89 0.20 0.00	21.58 0.38 0.00	23.98 0.21 -0.06	26.50 0.23 -0.30	29.46 0.29 -0.59	31.98 0.31 -0.74	34.58 0.26 -1.09	35.78 0.07 -1.21	38.94 0.19 -1.19	39.54 0.12 -1.10	41.47 0.24 -1.39	37.68 0.11 -1.40	34.70 0.27 -1.10	33.40 0.06 -0.99	27.80 0.05 -0.44	22.46 0.16 0.00	19.02 0.17 -0.35
NEG CENTRAL___INDECK 23768	16.00 0.42 -0.95	13.53 0.39 -1.28	11.53 0.31 -1.13	11.17 0.29 -0.87	11.33 0.32 -0.94	11.96 0.41 -0.77	17.18 0.38 -0.43	20.55 0.75 -0.10	23.42 1.23 -1.00	27.15 1.21 -2.23	30.42 1.27 -3.18	33.00 0.52 -3.90	36.45 0.56 -4.96	38.13 -0.96 -5.88	39.53 -1.45 -6.49	42.78 -1.35 -6.56	43.27 -1.53 -6.48	43.20 -1.28 -4.64	39.29 -1.48 -4.61	34.62 -1.07 -2.36	32.87 -1.36 -1.89	28.32 1.01 -0.01	23.22 0.80 -0.11	19.48 0.50 -0.48
NEG CENTRAL___SENECA 23627	15.69 0.28 -0.78	13.18 0.26 -1.05	11.22 0.20 -0.93	10.92 0.19 -0.72	11.06 0.22 -0.77	11.68 0.27 -0.63	16.97 0.25 -0.35	20.01 0.31 0.00	21.77 0.57 0.00	24.08 0.33 -0.03	26.45 0.31 -0.17	29.31 0.40 -0.33	31.78 0.43 -0.41	34.19 0.37 -0.61	35.27 0.10 -0.67	38.52 0.30 -0.66	39.12 0.19 -0.61	40.96 0.36 -0.77	37.13 0.18 -0.78	34.31 0.37 -0.61	32.99 0.10 -0.55	27.66 0.11 -0.24	22.59 0.29 0.00	19.19 0.30 -0.39
NEG CENTRAL___STATE_STREET 24147	15.82 0.48 -0.71	13.23 0.42 -0.95	11.24 0.31 -0.84	10.95 0.29 -0.65	11.08 0.31 -0.70	11.71 0.37 -0.57	17.16 0.48 -0.32	20.35 0.65 0.00	22.09 0.89 0.00	24.73 0.95 -0.07	27.36 1.04 -0.36	30.45 1.17 -0.69	33.10 1.30 -0.87	35.93 1.43 -1.29	37.26 1.34 -1.42	40.54 1.58 -1.40	41.07 1.46 -1.29	43.02 1.55 -1.64	39.23 1.41 -1.64	36.03 1.40 -1.30	34.73 1.23 -1.16	28.80 0.98 -0.52	23.08 0.78 0.00	19.46 0.61 -0.36
NEG MILLWOOD___DRP 24198	22.15 1.75 -5.77	21.00 1.40 -7.74	18.09 1.15 -6.85	16.42 1.13 -5.28	16.92 1.15 -5.71	16.69 1.25 -4.66	20.81 1.85 -2.59	22.00 2.30 0.00	23.80 2.61 0.00	26.68 2.96 0.00	29.24 3.27 0.00	32.16 3.57 0.00	34.92 3.99 0.00	37.57 4.35 0.00	41.52 4.65 -2.37	46.72 5.11 -4.05	52.12 5.25 -8.54	51.36 5.42 -6.11	41.77 4.92 -0.68	37.73 4.40 0.00	36.68 4.34 0.00	30.94 3.63 0.00	25.42 2.97 -0.15	23.62 2.24 -2.89
NEG NORTH_FLCN_SEA 23793	13.87 -0.76 0.00	11.21 -0.65 0.00	9.58 -0.50 0.00	9.54 -0.47 0.00	9.54 -0.52 0.00	10.19 -0.58 0.00	15.86 -0.51 0.00	19.12 -0.57 0.00	20.56 -0.64 0.00	22.95 -0.76 0.00	25.14 -0.83 0.00	25.40 -0.94 2.25	25.47 -1.02 4.44	25.70 -1.10 6.42	25.69 -1.11 7.70	29.48 -1.16 6.92	37.21 -1.11 0.00	38.72 -1.12 0.00	35.16 -1.01 0.00	32.40 -0.93 0.00	31.47 -0.87 0.00	26.54 -0.76 0.00	21.55 -0.76 0.00	17.90 -0.59 0.00
NEG NORTH_KES_CHATEGAY 23792	13.72 -0.91 0.00	11.09 -0.77 0.00	9.48 -0.60 0.00	9.44 -0.57 0.00	9.44 -0.62 0.00	10.09 -0.69 0.00	15.77 -0.61 0.00	18.99 -0.71 0.00	20.41 -0.78 0.00	22.79 -0.93 0.00	24.96 -1.01 2.25	25.20 -1.14 4.44	25.25 -1.24 6.42	25.47 -1.33 7.70	25.45 -1.35 6.92	29.22 -1.43 6.92	36.94 -1.38 0.00	38.44 -1.40 0.00	34.91 -1.27 0.00	32.16 -1.17 0.00	31.24 -1.10 0.00	26.35 -0.96 0.00	21.41 -0.89 0.00	17.79 -0.70 0.00
NEG NORTH___ALICE_FALLS 23915	13.82 -0.80 0.00	11.17 -0.70 0.00	9.55 -0.53 0.00	9.52 -0.49 0.00	9.50 -0.56 0.00	10.15 -0.63 0.00	15.83 -0.54 0.00	19.11 -0.59 0.00	20.54 -0.66 0.00	22.91 -0.81 0.00	25.09 -0.88 0.00	25.37 -0.97 2.25	25.44 -1.05 4.44	25.67 -1.13 6.42	25.66 -1.14 7.70	29.40 -1.24 6.92	37.13 -1.19 0.00	38.68 -1.16 0.00	35.12 -1.05 0.00	32.33 -1.00 0.00	31.44 -0.91 0.00	26.49 -0.82 0.00	21.50 -0.80 0.00	17.87 -0.63 0.00
NEG NORTH___LWR_SARANAC 23913	13.82 -0.80 0.00	11.17 -0.70 0.00	9.55 -0.53 0.00	9.52 -0.49 0.00	9.50 -0.56 0.00	10.15 -0.63 0.00	15.83 -0.54 0.00	19.11 -0.59 0.00	20.54 -0.66 0.00	22.91 -0.81 0.00	25.09 -0.88 0.00	25.37 -0.97 2.25	25.44 -1.05 4.44	25.67 -1.13 6.42	25.66 -1.14 7.70	29.40 -1.24 6.92	37.13 -1.19 0.00	38.68 -1.16 0.00	35.12 -1.05 0.00	32.33 -1.00 0.00	31.44 -0.91 0.00	26.49 -0.82 0.00	21.50 -0.80 0.00	17.87 -0.63 0.00
NEG NORTH___PLATTSBURG 23628	13.82 -0.80 0.00	11.17 -0.70 0.00	9.55 -0.53 0.00	9.52 -0.49 0.00	9.50 -0.56 0.00	10.15 -0.63 0.00	15.83 -0.54 0.00	19.11 -0.59 0.00	20.54 -0.66 0.00	22.91 -0.81 0.00	25.09 -0.88 0.00	25.37 -0.97 2.25	25.44 -1.05 4.44	25.67 -1.13 6.42	25.66 -1.14 7.70	29.40 -1.24 6.92	37.13 -1.19 0.00	38.68 -1.16 0.00	35.12 -1.05 0.00	32.33 -1.00 0.00	31.44 -0.91 0.00	26.49 -0.82 0.00	21.50 -0.80 0.00	17.87 -0.63 0.00
NEG WEST_LEA_LOCKPORT 23791	15.39 -0.09 -0.85	13.06 0.06 -1.13	11.13 0.04 -1.00	10.81 0.02 -0.77	10.95 0.05 -0.84	11.57 0.11 -0.68	16.31 -0.44 -0.38	19.67 -0.20 -0.17	23.09 0.26 -1.64	27.21 -0.16 -3.66	30.75 -0.44 -5.22	34.69 -0.31 -6.41	38.78 -0.31 -8.16	42.36 -0.53 -9.67	43.81 -1.35 -10.67	47.15 -1.20 -10.79	47.41 -1.57 -10.66	46.23 -1.24 -7.63	42.45 -1.30 -7.57	36.51 -0.70 -3.88	34.22 -1.23 -3.11	26.39 -0.93 -0.01	21.82 -0.67 -0.19	18.16 -0.76 -0.42



NEG WEST___LANCASTR 23811	15.93 0.32 -0.98	13.55 0.37 -1.31	11.56 0.31 -1.16	11.20 0.29 -0.90	11.36 0.32 -0.97	11.95 0.39 -0.79	16.93 0.12 -0.44	20.59 0.47 -0.42	26.32 0.95 -4.17	33.83 0.81 -9.31	39.86 0.62 -13.27	45.65 0.77 -16.29	52.40 0.74 -20.73	58.41 0.63 -24.56	61.51 -0.07 -27.09	65.27 0.30 -27.41	65.43 0.04 -27.06	59.62 0.40 -19.39	55.63 0.22 -19.24	43.88 0.70 -9.85	40.36 0.13 -7.89	27.55 0.22 -0.03	23.11 0.34 -0.47	19.04 0.06 -0.49
NEG_PENN_ALLEGHNY 23528	17.02 0.54 -1.85	14.81 0.46 -2.48	12.66 0.38 -2.19	12.07 0.37 -1.69	12.29 0.39 -1.83	12.70 0.43 -1.49	17.77 0.57 -0.83	20.47 0.73 -0.04	22.56 0.93 -0.43	25.69 0.97 -1.01	28.61 1.04 -1.60	31.88 1.17 -2.12	34.86 1.24 -2.69	37.82 1.26 -3.34	39.32 1.14 -3.69	42.66 1.39 -3.71	43.27 1.34 -3.61	44.33 1.47 -3.02	40.49 1.30 -3.01	36.49 1.33 -1.82	35.04 1.16 -1.54	28.58 0.96 -0.32	23.15 0.80 -0.05	20.05 0.63 -0.93
NEG___GEN_MONROE 24207	15.51 0.20 -0.68	12.99 0.21 -0.91	11.04 0.15 -0.81	10.76 0.13 -0.62	10.90 0.16 -0.67	11.56 0.24 -0.55	16.79 0.12 -0.31	20.11 0.41 0.00	22.09 0.89 0.00	24.57 0.85 0.00	26.77 0.81 0.00	29.61 1.03 0.00	32.17 1.24 0.00	34.41 1.19 0.00	35.25 0.76 0.00	38.58 1.01 0.00	39.20 0.88 0.00	41.03 1.19 0.00	36.93 0.76 0.00	34.30 0.97 0.00	32.83 0.49 0.00	27.85 0.55 0.00	22.75 0.45 0.00	19.06 0.22 -0.34
NEPA___ENERGY 23901	15.86 0.07 -1.16	13.57 0.14 -1.56	11.60 0.13 -1.38	11.19 0.11 -1.06	11.36 0.14 -1.15	11.89 0.17 -0.94	16.78 -0.11 -0.52	19.81 0.00 -0.11	22.65 0.36 -1.10	26.28 0.10 -2.47	29.44 -0.10 -3.58	32.96 -0.09 -4.46	36.35 -0.25 -5.67	39.56 -0.43 -6.78	40.90 -1.07 -7.48	44.40 -0.71 -7.55	44.84 -0.92 -7.44	44.61 -0.72 -5.50	40.91 -0.72 -5.46	36.00 -0.23 -2.90	34.05 -0.65 -2.36	26.97 -0.46 -0.13	22.23 -0.20 -0.12	18.88 -0.20 -0.58
NEVERSINK___HYD 23608	21.55 1.11 -5.81	20.51 0.84 -7.80	17.68 0.69 -6.91	16.03 0.70 -5.32	16.54 0.73 -5.75	16.28 0.81 -4.70	20.18 1.19 -2.61	21.23 1.54 0.00	22.91 1.72 0.00	25.68 1.97 0.00	28.20 2.23 0.00	31.05 2.46 0.00	33.65 2.72 0.00	36.17 2.96 0.00	37.45 1.34 -1.61	41.63 1.31 -2.76	45.55 1.42 -5.81	45.38 1.39 -4.16	39.96 3.33 -0.46	36.36 3.03 0.00	35.22 2.88 0.00	29.79 2.48 0.00	24.37 1.96 -0.10	22.76 1.35 -2.91
NEWTON___FALLS_HYD 23847	13.53 -1.10 0.00	10.94 -0.93 0.00	9.34 -0.75 0.00	9.30 -0.71 0.00	9.32 -0.74 0.00	9.95 -0.83 0.00	8.64 -1.56 6.18	17.87 -1.83 0.00	19.23 -1.97 0.00	21.44 -2.28 0.00	21.53 -2.49 1.94	23.58 -2.72 2.29	21.39 -2.94 6.61	21.31 -3.12 8.79	21.26 -3.21 10.02	21.15 -3.53 12.88	31.11 -3.53 3.69	36.21 -3.62 0.00	32.84 -3.33 0.00	21.30 -3.13 8.90	21.37 -2.98 8.00	21.60 -2.46 3.25	20.25 -2.05 0.00	8.61 -1.68 8.20
NIAGARA_115E_LBMP 323715	15.21 -0.28 -0.86	12.95 -0.07 -1.16	11.04 -0.07 -1.02	10.71 -0.09 -0.79	10.86 -0.06 -0.85	11.45 -0.02 -0.70	16.07 -0.69 -0.39	19.37 -0.61 -0.28	23.74 -0.21 -2.76	29.32 -0.54 -6.15	33.86 -0.88 -8.77	38.56 -0.80 -10.77	43.80 -0.83 -13.70	48.36 -1.10 -16.24	50.44 -1.96 -17.91	53.81 -1.88 -18.12	53.96 -2.26 -17.90	50.66 -1.99 -12.82	46.94 -1.95 -12.72	38.61 -1.23 -6.51	35.81 -1.75 -5.22	25.93 -1.39 -0.02	21.59 -1.03 -0.31	17.99 -0.94 -0.43
NIAGARA_115W_LBMP 323714	15.10 -0.38 -0.85	12.83 -0.18 -1.14	10.95 -0.15 -1.01	10.62 -0.17 -0.78	10.77 -0.14 -0.84	11.35 -0.12 -0.69	15.97 -0.79 -0.38	18.92 -0.71 0.07	20.15 -0.34 0.71	21.52 -0.62 1.58	22.79 -0.93 2.25	24.94 -0.89 2.76	26.46 -0.96 3.51	27.86 -1.19 4.16	27.87 -2.04 4.59	31.01 -1.91 4.64	31.44 -2.30 4.58	34.52 -2.03 3.28	30.89 -2.02 3.26	30.33 -1.33 1.67	29.17 -1.84 1.34	25.85 -1.45 0.00	21.18 -1.05 0.08	17.93 -1.00 -0.43
NIAGARA_230_LBMP 323716	15.13 -0.34 -0.84	12.84 -0.15 -1.13	10.95 -0.13 -1.00	10.63 -0.15 -0.77	10.77 -0.13 -0.83	11.36 -0.10 -0.68	16.08 -0.67 -0.38	18.93 -0.57 0.19	19.10 -0.19 1.91	19.00 -0.45 4.26	19.17 -0.73 6.07	20.47 -0.66 7.46	20.73 -0.71 9.49	21.04 -0.93 11.24	20.41 -1.69 12.40	23.44 -1.58 12.55	24.02 -1.92 12.39	29.32 -1.63 8.87	25.74 -1.63 8.81	27.76 -1.07 4.51	27.18 -1.55 3.61	26.09 -1.20 0.01	21.22 -0.87 0.22	18.05 -0.87 -0.42
NIAGARA____ 23760	15.16 -0.32 -0.85	12.88 -0.13 -1.14	10.98 -0.12 -1.01	10.66 -0.13 -0.78	10.80 -0.11 -0.84	11.39 -0.07 -0.69	16.05 -0.70 -0.38	19.09 -0.61 0.00	20.96 -0.23 0.00	23.19 -0.52 0.00	25.14 -0.83 0.00	27.82 -0.77 0.00	30.13 -0.80 0.00	32.15 -1.06 0.00	32.63 -1.86 0.00	35.80 -1.76 0.00	36.22 -2.11 0.00	37.96 -1.87 0.00	34.33 -1.84 0.00	32.13 -1.20 0.00	30.66 -1.68 0.00	25.99 -1.31 0.00	21.35 -0.96 0.00	18.00 -0.92 -0.43
NINE_MILE_1 23575	14.73 -0.25 -0.35	12.14 -0.19 -0.46	10.33 -0.17 -0.41	10.15 -0.18 -0.32	10.24 -0.17 -0.34	10.88 -0.17 -0.28	16.22 -0.31 -0.16	19.28 -0.41 0.00	20.73 -0.47 0.00	22.64 -0.54 0.53	22.49 -0.60 2.88	22.31 -0.66 5.62	23.10 -0.74 7.08	22.01 -0.80 10.41	22.06 -0.90 11.53	25.31 -0.94 11.31	26.88 -1.00 10.45	25.58 -0.99 13.26	21.92 -0.94 13.31	21.99 -0.83 10.51	22.09 -0.84 9.41	22.42 -0.71 4.18	21.72 -0.58 0.00	18.25 -0.42 -0.17
NINE_MILE_2 23744	14.72 -0.25 -0.34	12.14 -0.19 -0.46	10.32 -0.17 -0.41	10.15 -0.18 -0.31	10.23 -0.17 -0.34	10.88 -0.17 -0.28	16.22 -0.31 -0.16	19.28 -0.41 0.00	20.73 -0.47 0.00	22.61 -0.54 0.56	22.34 -0.60 3.03	22.02 -0.66 5.91	22.73 -0.74 7.45	21.47 -0.80 10.95	21.46 -0.90 12.14	24.72 -0.94 11.90	26.33 -1.00 11.00	24.88 -0.99 13.96	21.22 -0.94 14.01	21.44 -0.83 11.06	21.60 -0.84 9.90	22.20 -0.71 4.39	21.72 -0.58 0.00	18.26 -0.41 -0.17
NM_CAPITAL___DRP 24208	22.55 0.70 -7.22	22.13 0.58 -9.69	19.17 0.50 -8.58	17.11 0.49 -6.61	17.70 0.49 -7.14	17.15 0.54 -5.84	20.38 0.77 -3.24	20.66 0.96 0.00	22.17 0.98 0.00	24.85 1.14 0.00	27.24 1.27 0.00	30.02 1.43 0.00	32.51 1.58 0.00	34.98 1.76 0.00	36.53 1.93 -0.10	39.80 2.06 -0.18	40.80 2.11 -0.37	42.21 2.11 -0.27	38.15 1.95 -0.03	35.03 1.70 0.00	34.02 1.68 0.00	28.72 1.42 0.00	23.49 1.18 -0.01	23.07 0.96 -3.62
NM_CENTRAL___DRP 24181	15.16 0.09 -0.44	12.56 0.09 -0.60	10.68 0.06 -0.53	10.47 0.05 -0.41	10.58 0.07 -0.44	11.22 0.09 -0.36	16.64 0.07 -0.20	19.78 0.08 0.00	21.30 0.11 0.00	23.89 0.12 -0.06	26.41 0.13 -0.31	29.31 0.11 -0.61	31.76 0.06 -0.77	34.41 0.07 -1.13	35.74 0.00 -1.25	38.82 0.04 -1.22	39.45 0.00 -1.13	41.35 0.08 -1.43	37.58 -0.04 -1.44	34.50 0.03 -1.14	33.30 -0.06 -1.02	27.73 -0.03 -0.45	22.30 0.00 0.00	18.74 0.02 -0.23
NM_FRONTIER___DRP 24179	15.10 -0.38 -0.85	12.83 -0.18 -1.14	10.95 -0.15 -1.01	10.62 -0.17 -0.78	10.77 -0.14 -0.84	11.35 -0.12 -0.69	15.97 -0.79 -0.38	18.92 -0.71 0.07	20.15 -0.34 0.71	21.52 -0.62 1.58	22.79 -0.93 2.25	24.94 -0.89 2.76	26.46 -0.96 3.51	27.86 -1.19 4.16	27.87 -2.04 4.59	31.01 -1.91 4.64	31.44 -2.30 4.58	34.52 -2.03 3.28	30.89 -2.02 3.26	30.33 -1.33 1.67	29.17 -1.84 1.34	25.85 -1.45 0.00	21.18 -1.05 0.08	17.93 -1.00 -0.43



NM_ST_REGIS___HYD 24053	13.09 -1.54 0.00	10.56 -1.31 0.00	9.07 -1.02 0.00	9.06 -0.95 0.00	9.05 -1.02 0.00	9.60 -1.17 0.00	9.00 -1.19 6.18	18.30 -1.40 0.00	19.69 -1.50 0.00	21.94 -1.78 0.00	22.11 -1.92 1.94	24.18 -2.12 2.29	22.04 -2.29 6.61	22.01 -2.42 8.79	21.99 -2.48 10.02	21.98 -2.71 12.88	31.91 -2.72 3.69	37.08 -2.75 0.00	33.64 -2.53 0.00	22.04 -2.40 8.90	22.08 -2.26 8.00	22.12 -1.94 3.25	20.68 -1.63 0.00	8.95 -1.35 8.20
NORTHPORT___1 23551	23.41 2.21 -6.57	21.77 1.73 -8.17	18.16 1.41 -6.66	16.45 1.30 -5.14	18.03 1.41 -6.56	19.55 1.53 -7.24	21.08 2.19 -2.52	24.59 2.80 -2.10	24.72 3.16 -0.36	28.39 3.60 -1.07	30.97 3.76 -1.24	32.68 4.09 -0.01	34.95 4.02 0.00	37.73 4.52 0.00	41.89 4.79 -2.60	47.37 5.33 -4.47	53.81 5.36 -10.12	53.55 5.50 -8.22	42.48 5.17 -1.14	37.83 4.50 0.00	36.61 4.27 0.00	32.58 3.93 -1.35	27.27 3.34 -1.62	25.39 2.72 -4.18
NORTHPORT___2 23552	23.41 2.21 -6.57	21.77 1.73 -8.17	18.16 1.41 -6.66	16.45 1.30 -5.14	18.03 1.41 -6.56	19.55 1.53 -7.24	21.08 2.19 -2.52	24.59 2.80 -2.10	24.72 3.16 -0.36	28.39 3.60 -1.07	30.97 3.76 -1.24	32.68 4.09 -0.01	34.95 4.02 0.00	37.73 4.52 0.00	41.89 4.79 -2.60	47.37 5.33 -4.47	53.81 5.36 -10.12	53.55 5.50 -8.22	42.48 5.17 -1.14	37.83 4.50 0.00	36.61 4.27 0.00	32.58 3.93 -1.35	27.27 3.34 -1.62	25.39 2.72 -4.18
NORTHPORT___3 23553	23.25 2.06 -6.56	21.65 1.61 -8.17	18.07 1.32 -6.66	16.38 1.23 -5.14	17.95 1.33 -6.56	19.45 1.43 -7.24	21.02 2.13 -2.52	24.53 2.74 -2.09	24.61 3.05 -0.36	28.22 3.44 -1.06	30.84 3.64 -1.24	32.31 3.71 -0.01	34.64 3.71 0.00	37.40 4.19 0.00	41.58 4.48 -2.60	47.00 4.96 -4.47	53.49 5.06 -10.11	53.19 5.14 -8.22	42.08 4.77 -1.13	37.57 4.23 0.00	36.35 4.01 0.00	32.31 3.66 -1.35	27.22 3.32 -1.59	25.24 2.59 -4.15
NORTHPORT___4 23650	23.25 2.06 -6.56	21.65 1.61 -8.17	18.07 1.32 -6.66	16.38 1.23 -5.14	17.95 1.33 -6.56	19.45 1.43 -7.24	21.02 2.13 -2.52	24.53 2.74 -2.09	24.61 3.05 -0.36	28.22 3.44 -1.06	30.84 3.64 -1.24	32.31 3.71 -0.01	34.64 3.71 0.00	37.40 4.19 0.00	41.58 4.48 -2.60	47.00 4.96 -4.47	53.49 5.06 -10.11	53.19 5.14 -8.22	42.08 4.77 -1.13	37.57 4.23 0.00	36.35 4.01 0.00	32.31 3.66 -1.35	27.22 3.32 -1.59	25.24 2.59 -4.15
NORTHPORT___IC 23718	23.41 2.21 -6.57	21.77 1.73 -8.17	18.16 1.41 -6.66	16.45 1.30 -5.14	18.03 1.41 -6.56	19.55 1.53 -7.24	21.08 2.19 -2.52	24.59 2.80 -2.10	24.72 3.16 -0.36	28.39 3.60 -1.07	30.97 3.76 -1.24	32.68 4.09 -0.01	34.95 4.02 0.00	37.73 4.52 0.00	41.89 4.79 -2.60	47.37 5.33 -4.47	53.81 5.36 -10.12	53.55 5.50 -8.22	42.48 5.17 -1.14	37.83 4.50 0.00	36.61 4.27 0.00	32.58 3.93 -1.35	27.27 3.34 -1.62	25.39 2.72 -4.18
NPX_GEN_1385_PROXY 323591	23.33 2.14 -6.57	21.77 1.73 -8.17	18.09 1.34 -6.66	16.33 1.18 -5.14	17.91 1.29 -6.56	19.42 1.40 -7.24	20.90 2.01 -2.52	24.22 2.42 -2.10	24.31 2.75 -0.36	27.91 3.13 -1.07	30.45 3.25 -1.24	32.34 3.74 -0.01	34.49 3.56 0.00	37.24 4.02 0.00	41.20 4.10 -2.60	46.69 4.66 -4.47	52.66 4.22 -10.12	52.55 4.50 -8.22	41.86 4.56 -1.14	37.06 3.73 0.00	35.77 3.43 0.00	31.90 3.25 -1.35	26.62 2.70 -1.62	25.19 2.52 -4.18
NPX_GEN_CSC 323557	23.64 2.39 -6.63	21.88 1.84 -8.18	18.26 1.51 -6.66	16.54 1.39 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	20.89 2.00 -2.52	24.55 2.70 -2.15	24.80 3.18 -0.42	28.50 3.68 -1.11	31.02 3.82 -1.24	32.80 4.20 -0.01	35.23 4.30 0.00	38.10 4.88 0.00	42.34 5.24 -2.60	48.01 5.97 -4.47	54.61 6.05 -10.23	54.40 6.29 -8.28	43.15 5.82 -1.15	38.37 5.03 0.00	37.03 4.69 0.00	32.85 4.20 -1.35	27.56 3.39 -1.87	25.61 2.70 -4.42
NSINS_S_GLNS_FALLS 23858	22.84 0.75 -7.46	22.43 0.55 -10.01	19.46 0.50 -8.87	17.33 0.48 -6.83	17.93 0.47 -7.39	17.35 0.54 -6.03	20.54 0.82 -3.35	20.74 1.04 0.00	22.36 1.17 0.00	25.11 1.40 0.00	27.58 1.61 0.00	30.39 1.80 0.00	32.94 2.01 0.00	35.48 2.26 0.00	37.29 2.52 -0.28	40.78 2.74 -0.47	42.15 2.84 -1.00	43.45 2.91 -0.71	38.89 2.64 -0.08	35.50 2.17 0.00	34.54 2.20 0.00	29.16 1.86 0.00	23.79 1.47 -0.02	23.46 1.22 -3.74
NUCOR_STEEL___DRP 24197	15.79 0.47 -0.69	13.19 0.40 -0.93	11.22 0.31 -0.82	10.93 0.29 -0.63	11.06 0.31 -0.68	11.70 0.37 -0.56	17.16 0.48 -0.31	20.35 0.65 0.00	22.07 0.87 0.00	24.71 0.92 -0.07	27.35 1.01 -0.37	30.45 1.14 -0.72	33.11 1.27 -0.91	35.88 1.33 -1.33	37.21 1.24 -1.48	40.48 1.46 -1.45	41.00 1.34 -1.34	42.92 1.39 -1.70	39.18 1.30 -1.70	35.98 1.30 -1.35	34.68 1.13 -1.20	28.77 0.93 -0.53	23.04 0.73 0.00	19.42 0.57 -0.35
NYISO_LBMP_REFERENCE 24008	14.63 0.00 0.00	11.87 0.00 0.00	10.09 0.00 0.00	10.01 0.00 0.00	10.07 0.00 0.00	10.78 0.00 0.00	16.37 0.00 0.00	19.70 0.00 0.00	21.20 0.00 0.00	23.71 0.00 0.00	25.97 0.00 0.00	28.59 0.00 0.00	30.93 0.00 0.00	33.22 0.00 0.00	34.49 0.00 0.00	37.56 0.00 0.00	38.32 0.00 0.00	39.83 0.00 0.00	36.17 0.00 0.00	33.33 0.00 0.00	32.34 0.00 0.00	27.30 0.00 0.00	22.30 0.00 0.00	18.50 0.00 0.00
NYPA_BRENTWD___GT 24164	23.71 2.37 -6.71	21.89 1.85 -8.18	18.26 1.51 -6.66	16.55 1.40 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	21.25 2.36 -2.52	24.98 3.05 -2.23	25.18 3.48 -0.51	28.85 3.96 -1.17	31.39 4.18 -1.24	33.17 4.57 -0.01	35.60 4.67 0.00	38.33 5.11 0.00	42.51 5.42 -2.60	48.12 6.08 -4.47	54.88 6.17 -10.38	54.53 6.33 -8.36	43.20 5.86 -1.17	38.50 5.17 0.00	37.32 4.98 0.00	33.13 4.48 -1.35	28.24 3.70 -2.23	26.21 2.96 -4.75
NYPA_GOWANUS___GT5 24156	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.69 4.36 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.93 5.21 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.00 3.19 -14.51	30.98 2.53 -9.95
NYPA_GOWANUS___GT6 24157	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.69 4.36 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.93 5.21 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.00 3.19 -14.51	30.98 2.53 -9.95
NYPA_HARLEM___RVR_GT1 24160	22.25 1.93 -5.69	20.98 1.55 -7.56	18.03 1.28 -6.66	16.38 1.23 -5.13	16.93 1.32 -5.55	16.70 1.38 -4.54	20.95 2.03 -2.55	22.90 2.58 -0.62	24.99 2.86 -0.93	44.07 3.27 -17.08	37.40 3.56 -7.87	38.08 3.86 -5.63	38.31 4.17 -3.21	40.11 4.59 -2.31	41.74 4.65 -2.59	46.75 4.73 -4.45	52.55 4.83 -9.39	51.40 4.86 -6.71	41.54 4.63 -0.74	37.77 4.43 -0.01	37.31 4.46 -0.50	37.42 3.77 -6.35	36.19 3.06 -10.83	33.81 2.44 -12.87



NYPA_HARLEM__RVR__GT2 24161	22.25 1.93 -5.69	20.98 1.55 -7.56	18.03 1.28 -6.66	16.38 1.23 -5.13	16.93 1.32 -5.55	16.70 1.38 -4.54	20.95 2.03 -2.55	22.90 2.58 -0.62	24.99 2.86 -0.93	44.07 3.27 -17.08	37.40 3.56 -7.87	38.08 3.86 -5.63	38.31 4.17 -3.21	40.11 4.59 -2.31	41.74 4.65 -2.59	46.75 4.73 -4.45	52.55 4.83 -9.39	51.40 4.86 -6.71	41.54 4.63 -0.74	37.77 4.43 -0.01	37.31 4.46 -0.50	37.42 3.77 -6.35	36.19 3.06 -10.83	33.81 2.44 -12.87
NYPA_KENT____GT 24152	22.29 1.97 -5.69	21.01 1.58 -7.56	18.04 1.29 -6.66	16.40 1.25 -5.13	16.91 1.30 -5.55	16.71 1.39 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.90 2.93 -9.77	38.44 3.37 -11.36	39.31 3.66 -9.68	39.50 3.97 -6.94	39.20 4.30 -3.97	40.32 4.71 -2.39	41.93 4.83 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.89 4.96 -0.77	39.14 4.63 -1.18	38.94 4.59 -2.00	39.06 3.90 -7.85	38.63 3.15 -13.18	30.28 2.50 -9.29
NYPA_POUCH1____GT 24155	22.32 2.00 -5.69	21.03 1.60 -7.56	18.05 1.30 -6.66	16.40 1.25 -5.13	16.91 1.30 -5.55	16.69 1.37 -4.54	21.18 2.00 -2.81	27.01 2.56 -4.75	33.97 2.90 -9.87	40.20 3.34 -13.14	41.11 3.66 -11.48	40.80 3.97 -8.24	39.98 4.33 -4.72	40.40 4.75 -2.43	41.93 4.83 -2.61	47.06 5.04 -4.46	52.86 5.14 -9.40	51.77 5.22 -6.73	41.92 4.96 -0.79	40.40 4.63 -2.43	40.51 4.62 -3.54	40.51 3.90 -9.30	40.56 3.12 -15.14	30.96 2.50 -9.97
NYPA_VERNON____GT2 24162	22.25 1.93 -5.69	20.98 1.55 -7.56	18.02 1.27 -6.66	16.38 1.23 -5.13	16.89 1.28 -5.55	16.70 1.38 -4.54	21.23 2.05 -2.81	27.00 2.60 -4.70	33.87 2.90 -9.77	37.12 3.32 -10.09	38.24 3.61 -8.66	38.71 3.92 -6.21	38.71 4.24 -3.54	40.22 4.62 -2.39	41.89 4.79 -2.60	47.06 5.04 -4.46	52.82 5.10 -9.40	51.69 5.14 -6.72	41.80 4.88 -0.75	38.31 4.57 -0.41	37.91 4.53 -1.03	38.16 3.85 -7.00	37.29 3.12 -11.86	29.61 2.48 -8.63
NYPA_VERNON____GT3 24163	22.25 1.93 -5.69	20.98 1.55 -7.56	18.02 1.27 -6.66	16.38 1.23 -5.13	16.89 1.28 -5.55	16.70 1.38 -4.54	21.23 2.05 -2.81	27.00 2.60 -4.70	33.87 2.90 -9.77	37.12 3.32 -10.09	38.24 3.61 -8.66	38.71 3.92 -6.21	38.71 4.24 -3.54	40.22 4.62 -2.39	41.89 4.79 -2.60	47.06 5.04 -4.46	52.82 5.10 -9.40	51.69 5.14 -6.72	41.80 4.88 -0.75	38.31 4.57 -0.41	37.91 4.53 -1.03	38.16 3.85 -7.00	37.29 3.12 -11.86	29.61 2.48 -8.63
NYPA__ASTORIA_CC1 323568	22.23 1.92 -5.69	20.96 1.53 -7.56	18.01 1.26 -6.66	16.37 1.22 -5.13	16.89 1.28 -5.55	16.69 1.37 -4.54	21.21 2.03 -2.81	26.98 2.58 -4.70	33.83 2.86 -9.77	36.39 3.27 -9.40	37.65 3.56 -8.13	38.27 3.86 -5.82	38.42 4.17 -3.32	40.19 4.59 -2.39	41.82 4.73 -2.60	46.94 4.92 -4.46	52.70 4.98 -9.40	51.61 5.06 -6.72	41.73 4.81 -0.74	37.85 4.50 -0.02	37.37 4.49 -0.53	37.65 3.79 -6.55	36.55 3.08 -11.17	29.22 2.44 -8.28
NYPA__ASTORIA_CC2 323569	22.23 1.92 -5.69	20.96 1.53 -7.56	18.01 1.26 -6.66	16.37 1.22 -5.13	16.89 1.28 -5.55	16.69 1.37 -4.54	21.21 2.03 -2.81	26.98 2.58 -4.70	33.83 2.86 -9.77	36.39 3.27 -9.40	37.65 3.56 -8.13	38.27 3.86 -5.82	38.42 4.17 -3.32	40.19 4.59 -2.39	41.82 4.73 -2.60	46.94 4.92 -4.46	52.70 4.98 -9.40	51.61 5.06 -6.72	41.73 4.81 -0.74	37.85 4.50 -0.02	37.37 4.49 -0.53	37.65 3.79 -6.55	36.55 3.08 -11.17	29.22 2.44 -8.28
NYPA__HOLTSVILL 23794	23.55 2.30 -6.62	21.83 1.79 -8.18	18.22 1.47 -6.66	16.50 1.35 -5.14	18.09 1.47 -6.56	19.61 1.59 -7.24	21.07 2.18 -2.52	24.72 2.88 -2.15	24.92 3.31 -0.42	28.62 3.79 -1.11	31.13 3.92 -1.24	32.88 4.29 -0.01	35.29 4.36 0.00	38.13 4.92 0.00	42.34 5.24 -2.60	47.94 5.90 -4.47	54.52 5.98 -10.22	54.28 6.17 -8.27	43.03 5.71 -1.15	38.33 5.00 0.00	37.03 4.69 0.00	32.88 4.23 -1.35	27.63 3.48 -1.85	25.70 2.81 -4.39
NYPA____HELLGATE_GT1 24158	22.25 1.93 -5.69	20.98 1.55 -7.56	18.03 1.28 -6.66	16.38 1.23 -5.13	16.93 1.32 -5.55	16.70 1.38 -4.54	21.44 2.03 -3.04	30.75 2.58 -8.48	42.07 2.86 -18.01	27.98 3.27 -0.99	37.40 3.56 -7.87	38.08 3.86 -5.63	38.31 4.17 -3.21	40.08 4.55 -2.31	41.74 4.65 -2.59	46.75 4.73 -4.45	52.55 4.83 -9.39	51.40 4.86 -6.71	41.54 4.63 -0.74	37.77 4.43 -0.01	37.31 4.46 -0.50	37.42 3.77 -6.35	36.19 3.06 -10.83	24.28 2.44 -3.34
NYPA____HELLGATE_GT2 24159	22.25 1.93 -5.69	20.98 1.55 -7.56	18.03 1.28 -6.66	16.38 1.23 -5.13	16.93 1.32 -5.55	16.70 1.38 -4.54	21.44 2.03 -3.04	30.75 2.58 -8.48	42.07 2.86 -18.01	27.98 3.27 -0.99	37.40 3.56 -7.87	38.08 3.86 -5.63	38.31 4.17 -3.21	40.08 4.55 -2.31	41.74 4.65 -2.59	46.75 4.73 -4.45	52.55 4.83 -9.39	51.40 4.86 -6.71	41.54 4.63 -0.74	37.77 4.43 -0.01	37.31 4.46 -0.50	37.42 3.77 -6.35	36.19 3.06 -10.83	24.28 2.44 -3.34
NYS_BARGE__HYD 23848	15.41 -0.06 -0.84	13.08 0.08 -1.13	11.15 0.06 -1.00	10.82 0.04 -0.77	10.97 0.07 -0.83	11.59 0.13 -0.68	16.34 -0.41 -0.38	19.71 -0.18 -0.19	23.34 0.30 -1.85	27.80 -0.05 -4.13	31.51 -0.34 -5.88	35.64 -0.17 -7.23	39.97 -0.15 -9.19	43.75 -0.36 -10.89	45.34 -1.17 -12.02	48.71 -1.01 -12.16	48.95 -1.38 -12.01	47.36 -1.07 -8.60	43.55 -1.16 -8.53	37.17 -0.53 -4.37	34.74 -1.10 -3.50	26.50 -0.82 -0.01	21.93 -0.58 -0.21	18.24 -0.68 -0.42
O.H_GEN_BRUCE 24063	15.32 -0.23 -0.93	13.03 -0.08 -1.25	11.12 -0.07 -1.11	10.77 -0.09 -0.85	10.93 -0.06 -0.92	11.50 -0.03 -0.75	16.27 -0.52 -0.42	19.17 -0.41 0.11	20.05 -0.04 1.10	20.94 -0.31 2.47	21.88 -0.57 3.52	23.76 -0.51 4.32	24.82 -0.62 5.49	25.88 -0.83 6.51	25.80 -1.52 7.18	28.95 -1.35 7.26	29.50 -1.65 7.17	33.30 -1.40 5.14	29.70 -1.37 5.10	29.89 -0.83 2.61	28.96 -1.29 2.09	26.29 -1.01 0.01	21.49 -0.69 0.12	17.00 -0.70 0.79
OAK_ORCHARD__HYD 24046	15.28 -0.01 -0.67	12.80 0.04 -0.90	10.89 0.01 -0.80	10.61 -0.01 -0.61	10.74 0.01 -0.66	11.37 0.05 -0.54	16.53 -0.15 -0.30	19.74 0.04 0.00	21.58 0.38 0.00	24.05 0.33 0.00	26.25 0.29 0.00	28.99 0.40 0.00	31.42 0.49 0.00	33.62 0.40 0.00	34.53 0.03 0.00	37.75 0.19 0.00	38.36 0.04 0.00	40.11 0.28 0.00	36.17 0.00 0.00	33.57 0.23 0.00	32.21 -0.13 0.00	27.30 0.00 0.00	22.30 0.00 0.00	18.72 -0.11 -0.34
OCC_CHEM__DRP 24175	15.14 -0.34 -0.85	12.87 -0.14 -1.14	10.98 -0.12 -1.01	10.66 -0.13 -0.78	10.80 -0.11 -0.84	11.38 -0.09 -0.69	16.04 -0.72 -0.38	19.01 -0.63 0.06	20.40 -0.23 0.56	21.97 -0.50 1.25	23.36 -0.83 1.78	25.66 -0.74 2.19	27.35 -0.80 2.78	28.89 -1.03 3.30	29.00 -1.86 3.63	32.12 -1.76 3.68	32.58 -2.11 3.63	35.40 -1.83 2.60	31.75 -1.84 2.58	30.81 -1.20 1.32	29.60 -1.68 1.06	25.99 -1.31 0.00	21.28 -0.96 0.06	17.98 -0.94 -0.43
OLIN_CORP_DRP 24177	15.25 -0.25 -0.87	12.97 -0.06 -1.16	11.06 -0.06 -1.03	10.72 -0.08 -0.79	10.87 -0.05 -0.86	11.47 -0.01 -0.70	16.11 -0.66 -0.39	19.45 -0.55 -0.30	24.03 -0.15 -2.98	29.92 -0.45 -6.66	34.68 -0.78 -9.49	39.56 -0.69 -11.66	45.05 -0.71 -14.83	49.83 -0.96 -17.58	52.05 -1.83 -19.38	55.49 -1.69 -19.61	55.62 -2.07 -19.37	51.91 -1.79 -13.87	48.17 -1.77 -13.77	39.28 -1.10 -7.05	36.37 -1.62 -5.64	26.04 -1.28 -0.02	21.73 -0.92 -0.34	18.05 -0.89 -0.44



OLIN_CORP_DSASP 323712	15.14 -0.34 -0.85	12.87 -0.14 -1.14	10.98 -0.12 -1.01	10.66 -0.13 -0.78	10.80 -0.11 -0.84	11.38 -0.09 -0.69	16.04 -0.72 -0.38	19.01 -0.63 0.06	20.40 -0.23 0.56	21.97 -0.50 1.25	23.36 -0.83 1.78	25.66 -0.74 2.19	27.35 -0.80 2.78	28.89 -1.03 3.30	29.00 -1.86 3.63	32.12 -1.76 3.68	32.58 -2.11 3.63	35.40 -1.83 2.60	31.75 -1.84 2.58	30.81 -1.20 1.32	29.60 -1.68 1.06	25.99 -1.31 0.00	21.28 -0.96 0.06	17.98 -0.94 -0.43
ONEIDA_HERK_LFGE 323681	14.70 0.07 0.00	11.93 0.06 0.00	10.13 0.04 0.00	10.04 0.03 0.00	10.10 0.03 0.00	10.83 0.05 0.00	16.63 0.26 0.00	20.01 0.31 0.00	21.68 0.49 0.00	24.31 0.57 -0.03	26.80 0.67 -0.16	29.82 0.83 -0.40	32.28 0.77 -0.57	34.92 0.86 -0.84	36.34 0.90 -0.95	39.49 1.01 -0.91	39.86 0.96 -0.58	41.76 1.19 -0.74	37.96 1.05 -0.74	34.78 0.87 -0.58	33.68 0.81 -0.52	28.11 0.57 -0.23	22.71 0.40 0.00	18.76 0.26 0.00
ONONDAGA_REF_OCCRA 23987	15.31 0.15 -0.54	12.72 0.13 -0.72	10.83 0.10 -0.64	10.60 0.09 -0.49	10.70 0.10 -0.53	11.34 0.13 -0.44	16.75 0.13 -0.24	19.85 0.16 0.00	21.41 0.21 0.00	24.00 0.21 -0.07	26.58 0.23 -0.37	29.57 0.26 -0.73	32.09 0.25 -0.92	34.80 0.23 -1.35	36.16 0.17 -1.49	39.29 0.26 -1.47	39.91 0.23 -1.35	41.87 0.32 -1.72	38.11 0.22 -1.72	34.93 0.23 -1.36	33.72 0.16 -1.22	27.98 0.14 -0.54	22.42 0.11 0.00	18.88 0.11 -0.27
ONONDAGA___COGEN 23986	15.27 0.12 -0.53	12.68 0.11 -0.71	10.79 0.07 -0.63	10.57 0.07 -0.49	10.67 0.08 -0.52	11.31 0.11 -0.43	16.69 0.08 -0.24	19.80 0.10 0.00	21.32 0.13 0.00	23.93 0.12 -0.09	26.60 0.13 -0.50	29.70 0.14 -0.97	32.31 0.16 -1.22	35.15 0.13 -1.80	36.56 0.07 -1.99	39.67 0.15 -1.95	40.24 0.12 -1.81	42.28 0.16 -2.29	38.55 0.07 -2.30	35.28 0.13 -1.82	34.03 0.06 -1.63	28.05 0.03 -0.72	22.35 0.04 0.00	18.82 0.06 -0.27
ONTARIO___LFGE 23819	15.69 0.28 -0.78	13.18 0.26 -1.05	11.22 0.20 -0.93	10.92 0.19 -0.72	11.06 0.22 -0.77	11.68 0.27 -0.63	16.97 0.25 -0.35	20.01 0.31 0.00	21.77 0.57 0.00	24.08 0.33 -0.03	26.45 0.31 -0.17	29.31 0.40 -0.33	31.78 0.43 -0.41	34.19 0.37 -0.61	35.27 0.10 -0.67	38.52 0.30 -0.66	39.12 0.19 -0.61	40.96 0.36 -0.77	37.13 0.18 -0.78	34.31 0.37 -0.61	32.99 0.10 -0.55	27.66 0.11 -0.24	22.59 0.29 0.00	19.19 0.30 -0.39
ORANGEVILLE_WT_PWR 323706	15.83 0.19 -1.02	13.49 0.26 -1.37	11.51 0.21 -1.21	11.13 0.19 -0.93	11.29 0.22 -1.01	11.88 0.28 -0.82	16.81 -0.02 -0.46	20.32 0.28 -0.35	25.36 0.72 -3.44	31.94 0.55 -7.68	37.30 0.39 -10.94	42.54 0.52 -13.44	48.56 0.37 -17.10	53.85 0.53 -20.26	56.57 0.37 -22.35	60.14 -0.28 -22.61	60.39 -0.27 -22.33	55.87 0.04 -15.99	51.94 -0.11 -15.87	41.79 0.33 -8.13	38.69 -0.16 -6.51	27.33 0.00 -0.02	22.78 0.09 -0.39	18.90 -0.11 -0.51
OSWEGATCHIE___HYD 24044	13.53 -1.10 0.00	10.94 -0.93 0.00	9.34 -0.75 0.00	9.30 -0.71 0.00	9.32 -0.74 0.00	9.95 -0.83 0.00	8.64 -1.56 6.18	17.87 -1.83 0.00	19.23 -1.97 0.00	21.44 -2.28 0.00	21.53 -2.49 1.94	23.58 -2.72 2.29	21.39 -2.94 6.61	21.31 -3.12 8.79	21.26 -3.21 10.02	21.15 -3.53 12.88	31.11 -3.53 3.69	36.21 -3.62 0.00	32.84 -3.33 0.00	21.30 -3.13 8.90	21.37 -2.98 8.00	21.60 -2.46 3.25	20.25 -2.05 0.00	8.61 -1.68 8.20
OSWEGO___5 23606	14.88 -0.15 -0.40	12.29 -0.11 -0.53	10.46 -0.10 -0.47	10.26 -0.11 -0.36	10.36 -0.10 -0.39	11.00 -0.10 -0.32	16.35 -0.20 -0.18	19.44 -0.26 0.00	20.90 -0.30 0.00	23.76 -0.36 -0.40	27.78 -0.39 -2.20	32.44 -0.43 -4.28	35.86 -0.46 -5.40	40.61 -0.53 -7.93	42.66 -0.62 -8.78	45.54 -0.64 -8.62	45.59 -0.69 -7.96	49.29 -0.64 -10.10	45.66 -0.65 -10.14	40.80 -0.53 -8.00	38.93 -0.58 -7.17	29.99 -0.49 -3.18	21.92 -0.38 0.00	18.42 -0.28 -0.20
OSWEGO___6 23613	14.88 -0.15 -0.40	12.29 -0.11 -0.53	10.46 -0.10 -0.47	10.26 -0.11 -0.36	10.36 -0.10 -0.39	11.00 -0.10 -0.32	16.35 -0.20 -0.18	19.44 -0.26 0.00	20.90 -0.30 0.00	23.76 -0.36 -0.40	27.78 -0.39 -2.20	32.44 -0.43 -4.28	35.86 -0.46 -5.40	40.61 -0.53 -7.93	42.66 -0.62 -8.78	45.54 -0.64 -8.62	45.59 -0.69 -7.96	49.29 -0.64 -10.10	45.66 -0.65 -10.14	40.80 -0.53 -8.00	38.93 -0.58 -7.17	29.99 -0.49 -3.18	21.92 -0.38 0.00	18.42 -0.28 -0.20
OUTOKUMPU-AB___DRP 24206	15.62 0.12 -0.87	13.26 0.22 -1.17	11.30 0.18 -1.04	10.98 0.17 -0.80	11.12 0.19 -0.86	11.75 0.27 -0.70	16.57 -0.20 -0.39	20.09 0.20 -0.20	23.85 0.70 -1.95	28.52 0.45 -4.36	32.38 0.21 -6.21	36.61 0.40 -7.62	41.09 0.46 -9.70	45.01 0.30 -11.49	46.69 -0.48 -12.68	50.13 -0.26 -12.83	50.37 -0.61 -12.67	48.67 -0.24 -9.07	44.78 -0.40 -9.00	38.08 0.13 -4.61	35.58 -0.45 -3.69	27.13 -0.19 -0.01	22.48 -0.04 -0.22	18.60 -0.33 -0.44
OXBOW___ 24026	15.43 -0.06 -0.86	13.12 0.09 -1.16	11.18 0.07 -1.02	10.86 0.06 -0.79	11.00 0.08 -0.85	11.61 0.14 -0.70	16.37 -0.39 -0.39	19.68 -0.10 -0.09	22.41 0.36 -0.85	25.73 0.12 -1.90	28.52 -0.15 -2.71	31.91 0.00 -3.33	35.19 0.03 -4.23	38.10 -0.13 -5.01	39.09 -0.93 -5.53	42.37 -0.79 -5.60	42.70 -1.15 -5.53	42.99 -0.80 -3.96	39.20 -0.90 -3.93	35.01 -0.33 -2.01	33.05 -0.91 -1.61	26.71 -0.60 -0.01	22.02 -0.38 -0.10	18.38 -0.55 -0.43
OXY_CHEM_DSASP 323612	15.14 -0.34 -0.85	12.87 -0.14 -1.14	10.98 -0.12 -1.01	10.66 -0.13 -0.78	10.80 -0.11 -0.84	11.38 -0.09 -0.69	16.04 -0.72 -0.38	19.01 -0.63 0.06	20.40 -0.23 0.56	21.97 -0.50 1.25	23.36 -0.83 1.78	25.66 -0.74 2.19	27.35 -0.80 2.78	28.89 -1.03 3.30	29.00 -1.86 3.63	32.12 -1.76 3.68	32.58 -2.11 3.63	35.40 -1.83 2.60	31.75 -1.84 2.58	30.81 -1.20 1.32	29.60 -1.68 1.06	25.99 -1.31 0.00	21.28 -0.96 0.06	17.98 -0.94 -0.43
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.14 -0.34 -0.85	12.87 -0.14 -1.14	10.98 -0.12 -1.01	10.66 -0.13 -0.78	10.80 -0.11 -0.84	11.38 -0.09 -0.69	16.04 -0.72 -0.38	19.01 -0.63 0.06	20.40 -0.23 0.56	21.97 -0.50 1.25	23.36 -0.83 1.78	25.66 -0.74 2.19	27.35 -0.80 2.78	28.89 -1.03 3.30	29.00 -1.86 3.63	32.12 -1.76 3.68	32.58 -2.11 3.63	35.40 -1.83 2.60	31.75 -1.84 2.58	30.81 -1.20 1.32	29.60 -1.68 1.06	25.99 -1.31 0.00	21.28 -0.96 0.06	17.98 -0.94 -0.43
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.19 1.87 -5.69	20.94 1.51 -7.56	18.00 1.25 -6.66	16.35 1.20 -5.13	16.90 1.29 -5.55	16.68 1.36 -4.54	20.86 1.96 -2.52	22.41 2.50 -0.22	24.02 2.78 -0.05	27.05 3.18 -0.16	37.29 3.45 -7.87	37.97 3.74 -5.63	38.19 4.05 -3.21	39.98 4.45 -2.31	41.68 4.59 -2.59	46.78 4.77 -4.45	52.58 4.87 -9.39	51.44 4.90 -6.71	41.58 4.67 -0.74	37.74 4.40 -0.01	37.21 4.36 -0.50	37.33 3.68 -6.35	36.13 2.99 -10.83	23.71 2.37 -2.85
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.20 1.89 -5.69	20.95 1.52 -7.56	18.01 1.26 -6.66	16.36 1.21 -5.13	16.91 1.30 -5.55	16.69 1.37 -4.54	20.88 1.98 -2.52	22.46 2.54 -0.22	24.06 2.82 -0.05	27.12 3.25 -0.16	37.37 3.53 -7.87	38.05 3.83 -5.63	38.29 4.15 -3.21	40.08 4.55 -2.31	41.78 4.69 -2.59	46.93 4.92 -4.45	52.70 4.98 -9.39	51.56 5.02 -6.71	41.72 4.81 -0.74	37.87 4.53 -0.01	37.31 4.46 -0.50	37.44 3.79 -6.35	36.17 3.03 -10.83	23.75 2.40 -2.85



PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	15.88 0.31 -0.94	13.49 0.36 -1.27	11.51 0.30 -1.12	11.15 0.28 -0.86	11.31 0.31 -0.93	11.92 0.38 -0.76	16.88 0.08 -0.42	20.63 0.49 -0.44	26.58 1.00 -4.39	34.37 0.85 -9.80	40.61 0.67 -13.97	46.63 0.89 -17.15	53.68 0.93 -21.82	59.88 0.80 -25.86	63.12 0.10 -28.52	66.88 0.45 -28.86	66.98 0.15 -28.50	60.76 0.52 -20.41	56.75 0.32 -20.26	44.47 0.77 -10.37	40.84 0.20 -8.31	27.58 0.25 -0.03	23.14 0.34 -0.50	18.99 0.02 -0.47
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.15 1.75 -5.77	21.00 1.40 -7.74	18.09 1.15 -6.85	16.42 1.13 -5.28	16.92 1.15 -5.71	16.69 1.25 -4.66	20.81 1.85 -2.59	22.00 2.30 0.00	23.80 2.61 0.00	26.68 2.96 0.00	29.24 3.27 0.00	32.16 3.57 0.00	34.92 3.99 0.00	37.57 4.35 0.00	41.52 4.65 -2.37	46.72 5.11 -4.05	52.12 5.25 -8.54	51.36 5.42 -6.11	41.77 4.92 -0.68	37.73 4.40 0.00	36.68 4.34 0.00	30.94 3.63 0.00	25.42 2.97 -0.15	23.62 2.24 -2.89
PEEKSKILL____ 23653	21.79 1.61 -5.55	20.60 1.28 -7.45	17.73 1.05 -6.60	16.13 1.03 -5.08	16.61 1.05 -5.49	16.41 1.14 -4.49	20.58 1.72 -2.49	21.84 2.15 0.00	23.59 2.39 0.00	26.44 2.73 0.00	28.95 2.99 0.00	31.82 3.23 0.00	34.46 3.52 0.00	37.07 3.85 0.00	41.11 4.07 -2.54	46.35 4.43 -4.36	52.03 4.52 -9.18	51.02 4.62 -6.57	41.13 4.23 -0.73	37.20 3.86 0.00	36.16 3.81 0.00	30.55 3.25 0.00	25.14 2.68 -0.16	23.33 2.05 -2.78
PGE MADISON____WINDPWR 24146	17.45 1.16 -1.66	15.03 0.94 -2.23	12.79 0.73 -1.98	12.23 0.70 -1.52	12.42 0.70 -1.65	12.93 0.81 -1.34	18.48 1.36 -0.75	21.42 1.69 -0.03	23.71 2.20 -0.31	26.86 2.42 -0.73	29.83 2.65 -1.21	33.30 3.06 -1.65	36.19 3.16 -2.10	39.32 3.45 -2.65	40.94 3.52 -2.93	44.52 4.02 -2.94	45.11 3.95 -2.84	46.72 4.38 -2.51	42.65 3.98 -2.50	38.55 3.63 -1.58	37.09 3.40 -1.35	30.21 2.57 -0.34	24.32 1.98 -0.03	20.83 1.50 -0.83
PIERCEFIELD____HYD 23852	12.96 -1.67 0.00	10.47 -1.40 0.00	8.99 -1.10 0.00	8.98 -1.03 0.00	8.97 -1.10 0.00	9.50 -1.27 0.00	8.82 -1.38 6.18	18.08 -1.61 0.00	19.46 -1.74 0.00	21.68 -2.04 0.00	21.82 -2.21 1.94	23.86 -2.43 2.29	21.70 -2.63 6.61	21.64 -2.79 8.79	21.61 -2.86 10.02	21.57 -3.12 12.88	31.49 -3.14 3.69	36.61 -3.23 0.00	33.21 -2.97 0.00	21.64 -2.80 8.90	21.70 -2.65 8.00	21.82 -2.24 3.25	20.43 -1.87 0.00	8.76 -1.54 8.20
PINELAWN_CC_1 323563	24.14 2.28 -7.23	21.84 1.79 -8.18	18.21 1.46 -6.66	16.51 1.36 -5.14	18.09 1.47 -6.56	19.61 1.59 -7.24	21.25 2.36 -2.52	25.43 3.01 -2.72	25.64 3.39 -1.05	29.12 3.84 -1.56	31.25 4.05 -1.24	33.00 4.40 -0.01	35.48 4.55 0.00	38.30 5.08 0.00	42.17 5.07 -2.60	47.60 5.56 -4.47	55.01 5.55 -11.14	54.37 5.77 -8.76	42.83 5.39 -1.27	38.43 5.10 0.00	37.19 4.85 0.00	32.96 4.31 -1.35	30.38 3.61 -4.46	28.20 2.85 -6.85
PJM_GEN_HTP_PROXY 323702	22.18 1.87 -5.68	20.92 1.50 -7.56	17.97 1.22 -6.66	16.34 1.19 -5.13	16.84 1.23 -5.55	16.65 1.34 -4.54	21.17 2.01 -2.79	26.62 2.52 -4.40	33.14 2.80 -9.15	35.63 3.18 -8.74	37.06 3.48 -7.61	37.81 3.77 -5.45	38.15 4.11 -3.11	39.94 4.48 -2.24	41.82 4.73 -2.60	47.13 5.11 -4.46	52.89 5.17 -9.40	51.81 5.26 -6.72	41.76 4.85 -0.74	37.82 4.47 -0.02	37.20 4.36 -0.50	37.18 3.74 -6.14	35.86 3.08 -10.47	28.82 2.39 -7.93
PJM_GEN_KEystone 24065	18.02 0.60 -2.79	16.14 0.53 -3.74	13.84 0.44 -3.31	12.99 0.43 -2.55	13.28 0.45 -2.76	13.53 0.51 -2.25	18.17 0.52 -1.27	20.82 0.75 -0.37	23.43 1.06 -1.18	26.53 1.02 -1.80	29.23 0.99 -2.27	32.22 1.06 -2.58	34.98 1.05 -3.00	37.79 1.06 -3.51	39.88 0.76 -4.63	43.98 1.09 -5.33	46.31 0.96 -7.03	46.20 1.16 -5.21	40.23 1.01 -3.05	36.07 1.20 -1.54	34.55 0.90 -1.30	28.73 0.85 -0.58	23.99 0.83 -0.86	20.86 0.59 -1.77
PJM_GEN_NEPTUNE_PROXY 323594	22.97 2.03 -6.31	21.64 1.60 -8.17	18.07 1.32 -6.66	16.38 1.23 -5.14	17.96 1.34 -6.56	19.47 1.45 -7.24	21.05 2.16 -2.52	24.27 2.72 -1.85	24.26 2.97 -0.09	27.93 3.34 -0.87	30.71 3.50 -1.24	32.43 3.83 -0.01	34.86 3.93 0.00	37.64 4.42 0.00	41.79 4.69 -2.60	47.18 5.15 -4.47	53.21 5.25 -9.64	53.14 5.34 -7.97	42.20 4.96 -1.07	37.77 4.43 0.00	36.58 4.24 0.00	32.39 3.74 -1.35	26.04 3.23 -0.50	24.16 2.53 -3.13
PJM_GEN_VFT_PROXY 323633	22.18 1.87 -5.68	20.92 1.50 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.20 2.03 -2.80	26.76 2.50 -4.56	33.43 2.75 -9.48	35.87 3.11 -9.05	37.22 3.37 -7.88	37.92 3.69 -5.64	38.14 3.99 -3.22	39.92 4.38 -2.32	41.72 4.62 -2.60	46.98 4.96 -4.46	52.74 5.02 -9.40	51.65 5.10 -6.72	41.69 4.77 -0.74	37.75 4.40 -0.02	37.16 4.30 -0.51	37.34 3.68 -6.35	36.20 3.06 -10.84	28.98 2.37 -8.12
PLEASANTVLY____LBMP 24000	21.98 1.52 -5.83	20.90 1.21 -7.82	18.01 1.00 -6.92	16.34 0.99 -5.34	16.84 1.01 -5.77	16.59 1.10 -4.71	20.62 1.64 -2.62	21.74 2.05 0.00	23.47 2.27 0.00	26.30 2.59 0.00	28.77 2.81 0.00	31.65 3.06 0.00	34.27 3.34 0.00	36.87 3.65 0.00	41.40 3.86 -3.05	46.95 4.17 -5.22	53.58 4.25 -11.00	52.04 4.34 -7.87	41.02 3.98 -0.87	36.97 3.63 0.00	35.93 3.59 0.00	30.36 3.06 0.00	25.01 2.52 -0.19	23.36 1.94 -2.92
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.99 1.71 -5.65	20.81 1.36 -7.58	17.92 1.12 -6.71	16.27 1.09 -5.17	16.77 1.12 -5.59	16.56 1.22 -4.57	20.74 1.83 -2.54	22.00 2.30 0.00	23.76 2.56 0.00	26.63 2.92 0.00	29.16 3.19 0.00	32.04 3.46 0.00	34.73 3.80 0.00	37.37 4.15 0.00	41.50 4.38 -2.62	46.79 4.73 -4.49	52.61 4.83 -9.46	51.54 4.94 -6.77	41.44 4.52 -0.75	37.46 4.13 0.00	36.39 4.04 0.00	30.77 3.47 0.00	25.30 2.83 -0.16	23.51 2.18 -2.83
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.17 1.57 -5.97	21.12 1.25 -8.01	18.21 1.03 -7.10	16.50 1.02 -5.47	17.02 1.05 -5.91	16.75 1.14 -4.83	20.75 1.70 -2.68	21.82 2.13 0.00	23.59 2.39 0.00	26.44 2.73 0.00	28.95 2.99 0.00	31.87 3.29 0.00	34.55 3.62 0.00	37.14 3.92 0.00	40.70 4.21 -1.99	45.52 4.54 -3.42	50.16 4.64 -7.20	49.76 4.78 -5.15	41.12 4.38 -0.57	37.30 3.96 0.00	36.19 3.85 0.00	30.58 3.28 0.00	25.10 2.68 -0.12	23.52 2.03 -2.99
POLETTI____ 23519	22.20 1.89 -5.68	20.93 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.85 1.24 -5.55	16.67 1.36 -4.54	21.20 2.03 -2.80	26.75 2.50 -4.56	33.45 2.78 -9.47	35.92 3.15 -9.05	37.27 3.43 -7.88	37.97 3.74 -5.64	38.23 4.08 -3.22	39.99 4.45 -2.32	41.79 4.69 -2.60	47.06 5.04 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.73 4.81 -0.74	37.82 4.47 -0.02	37.22 4.36 -0.51	37.40 3.74 -6.35	36.22 3.08 -10.84	29.00 2.39 -8.12
PORT_JEFF_3 23555	23.58 2.33 -6.63	21.84 1.80 -8.18	18.23 1.48 -6.66	16.51 1.36 -5.14	18.10 1.48 -6.56	19.62 1.61 -7.24	21.08 2.19 -2.52	24.75 2.90 -2.15	24.97 3.35 -0.42	28.67 3.84 -1.11	31.07 3.87 -1.24	32.80 4.20 -0.01	35.23 4.30 0.00	38.07 4.85 0.00	42.31 5.21 -2.60	47.90 5.86 -4.47	54.45 5.90 -10.23	54.16 6.05 -8.28	43.00 5.68 -1.15	38.26 4.93 0.00	37.00 4.66 0.00	32.83 4.18 -1.35	27.64 3.46 -1.87	25.76 2.85 -4.42



PORT_JEFF_4 23616	23.58 2.33 -6.63	21.84 1.80 -8.18	18.23 1.48 -6.66	16.51 1.36 -5.14	18.10 1.48 -6.56	19.62 1.61 -7.24	21.08 2.19 -2.52	24.75 2.90 -2.15	24.97 3.35 -0.42	28.67 3.84 -1.11	31.07 3.87 -1.24	32.80 4.20 -0.01	35.23 4.30 0.00	38.07 4.85 0.00	42.31 5.21 -2.60	47.90 5.86 -4.47	54.45 5.90 -10.23	54.16 6.05 -8.28	43.00 5.68 -1.15	38.26 4.93 0.00	37.00 4.66 0.00	32.83 4.18 -1.35	27.64 3.46 -1.87	25.76 2.85 -4.42
PORT_JEFF_IC 23713	23.63 2.36 -6.65	21.87 1.83 -8.18	18.24 1.49 -6.66	16.53 1.38 -5.14	18.12 1.50 -6.56	19.64 1.63 -7.24	21.11 2.23 -2.52	24.82 2.95 -2.17	25.05 3.41 -0.44	28.75 3.91 -1.12	31.18 3.97 -1.24	32.94 4.34 -0.01	35.39 4.46 0.00	38.23 5.02 0.00	42.48 5.38 -2.60	48.12 6.08 -4.47	54.64 6.05 -10.26	54.34 6.21 -8.30	43.19 5.86 -1.15	38.43 5.10 0.00	37.13 4.79 0.00	32.96 4.31 -1.35	27.80 3.55 -1.95	25.87 2.88 -4.49
PPL PILGRIM_ST_GT1 24216	23.71 2.37 -6.71	21.89 1.85 -8.18	18.26 1.51 -6.66	16.55 1.40 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	21.25 2.36 -2.52	24.98 3.05 -2.23	25.18 3.48 -0.51	28.85 3.96 -1.17	31.39 4.18 -1.24	33.17 4.57 -0.01	35.60 4.67 0.00	38.33 5.11 0.00	42.51 5.42 -2.60	48.12 6.08 -4.47	54.88 6.17 -10.38	54.53 6.33 -8.36	43.20 5.86 -1.17	38.50 5.17 0.00	37.32 4.98 0.00	33.13 4.48 -1.35	28.24 3.70 -2.23	26.21 2.96 -4.75
PPL PILGRIM_ST_GT2 24217	23.71 2.37 -6.71	21.89 1.85 -8.18	18.26 1.51 -6.66	16.55 1.40 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	21.25 2.36 -2.52	24.98 3.05 -2.23	25.18 3.48 -0.51	28.85 3.96 -1.17	31.39 4.18 -1.24	33.17 4.57 -0.01	35.60 4.67 0.00	38.33 5.11 0.00	42.51 5.42 -2.60	48.12 6.08 -4.47	54.88 6.17 -10.38	54.53 6.33 -8.36	43.20 5.86 -1.17	38.50 5.17 0.00	37.32 4.98 0.00	33.13 4.48 -1.35	28.24 3.70 -2.23	26.21 2.96 -4.75
PPL_SHRM_GT3 24213	23.65 2.39 -6.64	21.88 1.84 -8.18	18.26 1.51 -6.66	16.54 1.39 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	20.92 2.03 -2.52	24.58 2.72 -2.16	24.83 3.20 -0.43	28.53 3.70 -1.12	31.05 3.84 -1.24	32.83 4.23 -0.01	35.26 4.33 0.00	38.13 4.92 0.00	42.37 5.28 -2.60	48.01 5.97 -4.47	54.70 6.13 -10.24	54.45 6.33 -8.29	43.22 5.90 -1.15	38.43 5.10 0.00	37.10 4.76 0.00	32.91 4.26 -1.35	27.64 3.43 -1.90	25.68 2.74 -4.45
PPL_SHRM_GT4 24214	23.65 2.39 -6.64	21.88 1.84 -8.18	18.26 1.51 -6.66	16.54 1.39 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	20.92 2.03 -2.52	24.58 2.72 -2.16	24.83 3.20 -0.43	28.53 3.70 -1.12	31.05 3.84 -1.24	32.83 4.23 -0.01	35.26 4.33 0.00	38.13 4.92 0.00	42.37 5.28 -2.60	48.01 5.97 -4.47	54.70 6.13 -10.24	54.45 6.33 -8.29	43.22 5.90 -1.15	38.43 5.10 0.00	37.10 4.76 0.00	32.91 4.26 -1.35	27.64 3.43 -1.90	25.68 2.74 -4.45
PROJECT___ORANGE 1 24174	15.18 0.10 -0.45	12.57 0.09 -0.61	10.70 0.07 -0.54	10.49 0.06 -0.42	10.59 0.07 -0.45	11.24 0.10 -0.37	16.64 0.07 -0.21	19.80 0.10 0.00	21.32 0.13 0.00	23.89 0.12 -0.06	26.44 0.16 -0.31	29.34 0.14 -0.61	31.79 0.09 -0.76	34.44 0.10 -1.12	35.74 0.00 -1.24	38.86 0.08 -1.22	39.49 0.04 -1.13	41.38 0.12 -1.43	37.61 0.00 -1.44	34.50 0.03 -1.13	33.33 -0.03 -1.01	27.75 0.00 -0.45	22.33 0.02 0.00	18.76 0.04 -0.23
PROJECT___ORANGE 2 24166	15.18 0.10 -0.45	12.57 0.09 -0.61	10.70 0.07 -0.54	10.49 0.06 -0.42	10.59 0.07 -0.45	11.24 0.10 -0.37	16.64 0.07 -0.21	19.80 0.10 0.00	21.32 0.13 0.00	23.89 0.12 -0.06	26.44 0.16 -0.31	29.34 0.14 -0.61	31.79 0.09 -0.76	34.44 0.10 -1.12	35.74 0.00 -1.24	38.86 0.08 -1.22	39.49 0.04 -1.13	41.38 0.12 -1.43	37.61 0.00 -1.44	34.50 0.03 -1.13	33.33 -0.03 -1.01	27.75 0.00 -0.45	22.33 0.02 0.00	18.76 0.04 -0.23
PYRITES___HYD 24023	13.15 -1.48 0.00	10.62 -1.25 0.00	9.12 -0.97 0.00	9.10 -0.91 0.00	9.09 -0.98 0.00	9.64 -1.13 0.00	9.13 -1.06 6.18	18.44 -1.26 0.00	19.90 -1.29 0.00	22.17 -1.54 0.00	22.36 -1.66 1.94	24.52 -1.77 2.29	22.34 -1.98 6.61	22.37 -2.06 8.79	22.37 -2.11 10.02	22.39 -2.29 12.88	32.29 -2.34 3.69	37.56 -2.27 0.00	34.04 -2.13 0.00	22.37 -2.07 8.90	22.41 -1.94 8.00	22.36 -1.69 3.25	20.85 -1.45 0.00	9.09 -1.20 8.20
RAMAPO___LBMP 323565	21.56 1.54 -5.40	20.33 1.22 -7.24	17.51 1.01 -6.42	15.94 0.98 -4.94	16.42 1.01 -5.34	16.24 1.10 -4.37	20.45 1.65 -2.42	21.76 2.07 0.00	23.51 2.31 0.00	26.32 2.61 0.00	28.80 2.83 0.00	31.68 3.09 0.00	34.27 3.34 0.00	36.87 3.65 0.00	40.65 3.83 -2.33	45.72 4.17 -3.98	50.98 4.25 -8.40	50.18 4.34 -6.01	40.85 4.01 -0.66	37.03 3.70 0.00	35.96 3.62 0.00	30.39 3.08 0.00	25.01 2.56 -0.15	23.16 1.96 -2.70
RANKINE___ 23646	15.71 0.16 -0.92	13.35 0.25 -1.24	11.38 0.20 -1.09	11.03 0.18 -0.84	11.19 0.21 -0.91	11.79 0.27 -0.74	16.67 -0.11 -0.41	20.49 0.28 -0.52	27.08 0.76 -5.13	35.77 0.62 -11.44	42.72 0.44 -16.31	49.25 0.63 -20.03	57.09 0.68 -25.48	63.95 0.53 -30.20	67.63 -0.17 -33.30	71.34 0.08 -33.70	71.37 -0.23 -33.28	63.79 0.12 -23.83	59.79 -0.04 -23.65	45.87 0.43 -12.11	41.91 -0.13 -9.70	27.31 -0.03 -0.03	22.97 0.09 -0.58	18.76 -0.20 -0.46
RAVENSWOOD_GT2_1 24244	22.20 1.89 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.25 3.20 -9.33	37.58 3.48 -8.13	38.21 3.80 -5.82	38.36 4.11 -3.32	40.09 4.48 -2.39	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.27 4.40 -0.53	37.63 3.77 -6.55	36.56 3.08 -11.18	29.18 2.40 -8.28
RAVENSWOOD_GT2_2 24245	22.20 1.89 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.25 3.20 -9.33	37.58 3.48 -8.13	38.21 3.80 -5.82	38.36 4.11 -3.32	40.09 4.48 -2.39	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.27 4.40 -0.53	37.63 3.77 -6.55	36.56 3.08 -11.18	29.18 2.40 -8.28
RAVENSWOOD_GT2_3 24246	22.20 1.89 -5.69	20.94 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.85 1.24 -5.55	16.68 1.36 -4.54	21.21 2.03 -2.81	26.94 2.54 -4.70	33.79 2.82 -9.77	36.27 3.22 -9.33	37.60 3.50 -8.13	38.24 3.83 -5.82	38.40 4.15 -3.32	40.13 4.52 -2.39	41.86 4.76 -2.60	47.13 5.11 -4.46	52.89 5.17 -9.40	51.81 5.26 -6.72	41.80 4.88 -0.74	37.88 4.53 -0.02	37.30 4.43 -0.53	37.65 3.79 -6.55	36.58 3.10 -11.18	29.18 2.40 -8.28
RAVENSWOOD_GT2_4 24247	22.20 1.89 -5.69	20.94 1.51 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.85 1.24 -5.55	16.68 1.36 -4.54	21.21 2.03 -2.81	26.94 2.54 -4.70	33.79 2.82 -9.77	36.27 3.22 -9.33	37.60 3.50 -8.13	38.24 3.83 -5.82	38.40 4.15 -3.32	40.13 4.52 -2.39	41.86 4.76 -2.60	47.13 5.11 -4.46	52.89 5.17 -9.40	51.81 5.26 -6.72	41.80 4.88 -0.74	37.88 4.53 -0.02	37.30 4.43 -0.53	37.65 3.79 -6.55	36.58 3.10 -11.18	29.18 2.40 -8.28



RAVENSWOOD_GT3_1 24248	22.20 1.89 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.25 3.20 -9.33	37.58 3.48 -8.13	38.21 3.80 -5.82	38.36 4.11 -3.32	40.09 4.48 -2.39	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.27 4.40 -0.53	37.63 3.77 -6.55	36.56 3.08 -11.18	29.18 2.40 -8.28
RAVENSWOOD_GT3_2 24249	22.20 1.89 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.25 3.20 -9.33	37.58 3.48 -8.13	38.21 3.80 -5.82	38.36 4.11 -3.32	40.09 4.48 -2.39	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.27 4.40 -0.53	37.63 3.77 -6.55	36.56 3.08 -11.18	29.18 2.40 -8.28
RAVENSWOOD_GT3_3 24250	22.22 1.90 -5.69	20.95 1.52 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.68 1.36 -4.54	21.23 2.05 -2.81	26.96 2.56 -4.70	33.81 2.84 -9.77	36.30 3.25 -9.33	37.63 3.53 -8.13	38.27 3.86 -5.82	38.42 4.17 -3.32	40.16 4.55 -2.39	41.89 4.79 -2.60	47.17 5.15 -4.46	52.93 5.21 -9.40	51.85 5.30 -6.72	41.83 4.92 -0.74	37.92 4.57 -0.02	37.34 4.46 -0.53	37.68 3.82 -6.55	36.60 3.12 -11.18	29.20 2.42 -8.28
RAVENSWOOD_GT3_4 24251	22.22 1.90 -5.69	20.95 1.52 -7.56	17.99 1.24 -6.66	16.36 1.21 -5.13	16.86 1.25 -5.55	16.68 1.36 -4.54	21.23 2.05 -2.81	26.96 2.56 -4.70	33.81 2.84 -9.77	36.30 3.25 -9.33	37.63 3.53 -8.13	38.27 3.86 -5.82	38.42 4.17 -3.32	40.16 4.55 -2.39	41.89 4.79 -2.60	47.17 5.15 -4.46	52.93 5.21 -9.40	51.85 5.30 -6.72	41.83 4.92 -0.74	37.92 4.57 -0.02	37.34 4.46 -0.53	37.68 3.82 -6.55	36.60 3.12 -11.18	29.20 2.42 -8.28
RAVENSWOOD_GT_1 23729	22.25 1.93 -5.69	20.98 1.55 -7.56	18.02 1.27 -6.66	16.38 1.23 -5.13	16.89 1.28 -5.55	16.70 1.38 -4.54	21.23 2.05 -2.81	27.00 2.60 -4.70	33.87 2.90 -9.77	37.12 3.32 -10.09	38.24 3.61 -8.66	38.71 3.92 -6.21	38.71 4.24 -3.54	40.22 4.62 -2.39	41.89 4.79 -2.60	47.06 5.04 -4.46	52.82 5.10 -9.40	51.69 5.14 -6.72	41.80 4.88 -0.75	38.31 4.57 -0.41	37.91 4.53 -1.03	38.16 3.85 -7.00	37.29 3.12 -11.86	29.61 2.48 -8.63
RAVENSWOOD_GT_10 24258	22.20 1.89 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.32 3.20 -9.40	37.64 3.48 -8.19	38.23 3.77 -5.87	38.39 4.11 -3.34	40.09 4.48 -2.39	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.89 4.50 -0.06	37.33 4.40 -0.59	37.68 3.77 -6.60	36.64 3.08 -11.26	29.21 2.39 -8.32
RAVENSWOOD_GT_11 24259	22.20 1.89 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.32 3.20 -9.40	37.64 3.48 -8.19	38.23 3.77 -5.87	38.39 4.11 -3.34	40.09 4.48 -2.39	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.89 4.50 -0.06	37.33 4.40 -0.59	37.68 3.77 -6.60	36.64 3.08 -11.26	29.21 2.39 -8.32
RAVENSWOOD_GT_4 24252	22.19 1.87 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.84 1.23 -5.55	16.65 1.34 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.69 3.18 -9.80	37.98 3.48 -8.53	38.47 3.77 -6.11	38.53 4.11 -3.49	40.09 4.48 -2.39	41.82 4.73 -2.60	47.13 5.11 -4.46	52.89 5.17 -9.40	51.85 5.30 -6.72	41.80 4.88 -0.75	38.15 4.50 -0.32	37.66 4.40 -0.91	37.97 3.77 -6.89	37.10 3.10 -11.70	29.43 2.39 -8.55
RAVENSWOOD_GT_5 24254	22.19 1.87 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.84 1.23 -5.55	16.65 1.34 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.69 3.18 -9.80	37.98 3.48 -8.53	38.47 3.77 -6.11	38.53 4.11 -3.49	40.09 4.48 -2.39	41.82 4.73 -2.60	47.13 5.11 -4.46	52.89 5.17 -9.40	51.85 5.30 -6.72	41.80 4.88 -0.75	38.15 4.50 -0.32	37.66 4.40 -0.91	37.97 3.77 -6.89	37.10 3.10 -11.70	29.43 2.39 -8.55
RAVENSWOOD_GT_6 24253	22.19 1.87 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.84 1.23 -5.55	16.65 1.34 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.69 3.18 -9.80	37.98 3.48 -8.53	38.47 3.77 -6.11	38.53 4.11 -3.49	40.09 4.48 -2.39	41.82 4.73 -2.60	47.13 5.11 -4.46	52.89 5.17 -9.40	51.85 5.30 -6.72	41.80 4.88 -0.75	38.15 4.50 -0.32	37.66 4.40 -0.91	37.97 3.77 -6.89	37.10 3.10 -11.70	29.43 2.39 -8.55
RAVENSWOOD_GT_7 24255	22.19 1.87 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.84 1.23 -5.55	16.65 1.34 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.69 3.18 -9.80	37.98 3.48 -8.53	38.47 3.77 -6.11	38.53 4.11 -3.49	40.09 4.48 -2.39	41.82 4.73 -2.60	47.13 5.11 -4.46	52.89 5.17 -9.40	51.85 5.30 -6.72	41.80 4.88 -0.75	38.15 4.50 -0.32	37.66 4.40 -0.91	37.97 3.77 -6.89	37.10 3.10 -11.70	29.43 2.39 -8.55
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.20 1.89 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.32 3.20 -9.40	37.64 3.48 -8.19	38.23 3.77 -5.87	38.39 4.11 -3.34	40.09 4.48 -2.39	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.89 4.50 -0.06	37.33 4.40 -0.59	37.68 3.77 -6.60	36.64 3.08 -11.26	29.21 2.39 -8.32
RAVENSWOOD_GT_9 24257	22.20 1.89 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.32 3.20 -9.40	37.64 3.48 -8.19	38.23 3.77 -5.87	38.39 4.11 -3.34	40.09 4.48 -2.39	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.89 4.50 -0.06	37.33 4.40 -0.59	37.68 3.77 -6.60	36.64 3.08 -11.26	29.21 2.39 -8.32
RAVENSWOOD___1 23533	22.25 1.93 -5.69	20.97 1.54 -7.56	18.01 1.26 -6.66	16.37 1.22 -5.13	16.89 1.28 -5.55	16.70 1.38 -4.54	21.21 2.03 -2.81	26.98 2.58 -4.70	33.85 2.88 -9.77	36.41 3.30 -9.40	37.68 3.58 -8.13	38.30 3.89 -5.82	38.46 4.21 -3.32	40.22 4.62 -2.39	41.86 4.76 -2.60	47.02 5.00 -4.46	52.78 5.06 -9.40	51.65 5.10 -6.72	41.76 4.85 -0.74	37.88 4.53 -0.02	37.40 4.53 -0.53	37.68 3.82 -6.55	36.57 3.10 -11.17	29.24 2.46 -8.28
RAVENSWOOD___2 23534	22.20 1.89 -5.69	20.95 1.52 -7.56	17.99 1.24 -6.66	16.35 1.20 -5.13	16.86 1.25 -5.55	16.66 1.35 -4.54	21.18 2.00 -2.81	26.94 2.54 -4.70	33.79 2.82 -9.77	36.32 3.20 -9.40	37.55 3.45 -8.13	38.10 3.69 -5.82	38.24 3.99 -3.32	39.99 4.38 -2.39	41.61 4.52 -2.60	46.68 4.66 -4.46	52.39 4.67 -9.40	51.29 4.74 -6.72	41.51 4.59 -0.74	37.68 4.33 -0.02	37.27 4.40 -0.53	37.54 3.68 -6.55	36.50 3.03 -11.17	29.18 2.40 -8.28



RAVENSWOOD___3 23535	22.20 1.89 -5.69	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.19 2.01 -2.81	26.92 2.52 -4.70	33.77 2.80 -9.77	36.25 3.20 -9.33	37.58 3.48 -8.13	38.21 3.80 -5.82	38.36 4.11 -3.32	40.09 4.48 -2.39	41.82 4.73 -2.60	47.09 5.07 -4.46	52.85 5.14 -9.40	51.77 5.22 -6.72	41.76 4.85 -0.74	37.85 4.50 -0.02	37.27 4.40 -0.53	37.63 3.77 -6.55	36.56 3.08 -11.18	29.18 2.40 -8.28
RAVENSWOOD___4 23820	22.23 1.92 -5.69	20.96 1.53 -7.56	18.01 1.26 -6.66	16.37 1.22 -5.13	16.88 1.27 -5.55	16.69 1.37 -4.54	21.21 2.03 -2.81	26.96 2.56 -4.70	33.83 2.86 -9.77	35.72 3.27 -8.73	37.13 3.56 -7.60	37.89 3.86 -5.44	38.20 4.17 -3.10	40.19 4.59 -2.39	41.82 4.73 -2.60	46.98 4.96 -4.46	52.70 4.98 -9.40	51.61 5.06 -6.72	41.72 4.81 -0.74	37.49 4.53 0.38	36.87 4.49 -0.03	37.21 3.79 -6.11	35.87 3.08 -10.48	28.88 2.44 -7.94
RCPL_TRUST___DRP 24196	22.20 1.89 -5.68	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.19 2.03 -2.79	26.64 2.54 -4.40	33.19 2.84 -9.15	35.68 3.22 -8.74	37.08 3.50 -7.61	37.87 3.83 -5.45	38.18 4.15 -3.11	40.01 4.55 -2.24	41.86 4.76 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.89 5.34 -6.72	41.83 4.92 -0.74	37.88 4.53 -0.02	37.27 4.43 -0.50	37.21 3.77 -6.14	35.90 3.12 -10.47	28.83 2.40 -7.93
RENSSELAER___COGEN 23796	22.45 0.69 -7.13	22.00 0.57 -9.57	19.05 0.48 -8.47	17.02 0.48 -6.53	17.61 0.48 -7.06	17.07 0.53 -5.77	20.33 0.75 -3.20	20.64 0.95 0.00	22.15 0.95 0.00	24.85 1.14 0.00	27.21 1.25 0.00	29.99 1.40 0.00	32.48 1.55 0.00	34.94 1.73 0.00	36.54 1.90 -0.15	39.80 1.99 -0.25	40.92 2.07 -0.53	42.28 2.07 -0.38	38.13 1.92 -0.04	35.00 1.67 0.00	34.02 1.68 0.00	28.72 1.42 0.00	23.47 1.16 -0.01	23.01 0.94 -3.57
REVERE_CPPR_DRP 24186	15.09 0.35 -0.11	12.30 0.28 -0.15	10.44 0.22 -0.14	10.33 0.21 -0.10	10.39 0.21 -0.11	11.13 0.26 -0.09	16.92 0.49 -0.06	20.29 0.59 0.00	22.00 0.81 0.00	24.65 0.90 -0.03	27.18 1.04 -0.17	30.15 1.23 -0.33	32.59 1.24 -0.42	35.20 1.36 -0.62	36.56 1.38 -0.69	39.81 1.58 -0.67	40.48 1.53 -0.62	42.41 1.79 -0.79	38.52 1.55 -0.79	35.32 1.37 -0.62	34.16 1.26 -0.56	28.51 0.96 -0.25	23.00 0.69 0.00	19.06 0.50 -0.06
RIVERBAY___ 323610	22.20 1.89 -5.69	20.95 1.52 -7.56	18.01 1.26 -6.66	16.36 1.21 -5.13	16.91 1.30 -5.55	16.69 1.37 -4.54	20.88 1.98 -2.52	22.46 2.54 -0.22	24.06 2.82 -0.05	27.12 3.25 -0.16	37.37 3.53 -7.87	38.05 3.83 -5.63	38.29 4.15 -3.21	40.08 4.55 -2.31	41.78 4.69 -2.59	46.93 4.92 -4.45	52.70 4.98 -9.39	51.56 5.02 -6.71	41.72 4.81 -0.74	37.87 4.53 -0.01	37.31 4.46 -0.50	37.44 3.79 -6.35	36.17 3.03 -10.83	23.75 2.40 -2.85
ROCHESTER_9_IC 23652	15.32 0.03 -0.67	12.83 0.07 -0.89	10.92 0.04 -0.79	10.64 0.02 -0.61	10.77 0.04 -0.66	11.40 0.09 -0.54	16.57 0.10 -0.30	19.79 0.12 0.02	21.48 0.49 0.20	23.71 0.45 0.45	25.74 0.41 0.64	28.37 0.57 0.79	30.60 0.68 1.01	32.62 0.60 1.19	33.39 0.21 1.31	36.65 0.41 1.33	37.28 0.27 1.31	39.41 0.52 0.94	35.46 0.22 0.93	33.29 0.43 0.48	32.03 0.06 0.38	27.47 0.16 0.00	22.39 0.11 0.02	18.81 -0.02 -0.34
ROSETON___1 23587	21.72 1.48 -5.62	20.59 1.19 -7.54	17.74 0.98 -6.68	16.12 0.96 -5.14	16.60 0.98 -5.56	16.39 1.07 -4.54	20.50 1.61 -2.52	21.69 1.99 0.00	23.42 2.23 0.00	26.23 2.51 0.00	28.72 2.75 0.00	31.59 3.00 0.00	34.18 3.25 0.00	36.77 3.56 0.00	40.44 3.76 -2.18	45.36 4.06 -3.74	50.34 4.14 -7.88	49.69 4.22 -5.64	40.67 3.87 -0.62	36.90 3.57 0.00	35.84 3.49 0.00	30.28 2.98 0.00	24.89 2.45 -0.14	23.20 1.89 -2.81
ROSETON___2 23588	21.72 1.48 -5.62	20.59 1.19 -7.54	17.74 0.98 -6.68	16.12 0.96 -5.14	16.60 0.98 -5.56	16.39 1.07 -4.54	20.50 1.61 -2.52	21.69 1.99 0.00	23.42 2.23 0.00	26.23 2.51 0.00	28.72 2.75 0.00	31.59 3.00 0.00	34.18 3.25 0.00	36.77 3.56 0.00	40.44 3.76 -2.18	45.36 4.06 -3.74	50.34 4.14 -7.88	49.69 4.22 -5.64	40.67 3.87 -0.62	36.90 3.57 0.00	35.84 3.49 0.00	30.28 2.98 0.00	24.89 2.45 -0.14	23.20 1.89 -2.81
RUSSELL___1 23602	15.44 0.15 -0.67	12.91 0.15 -0.89	10.98 0.10 -0.79	10.70 0.08 -0.61	10.84 0.11 -0.66	11.48 0.16 -0.54	16.69 0.02 -0.30	19.97 0.28 0.00	21.90 0.70 0.00	24.43 0.71 0.00	26.67 0.70 0.00	29.47 0.89 0.00	31.98 1.05 0.00	34.21 1.00 0.00	35.12 0.62 0.00	38.43 0.86 0.00	39.05 0.73 0.00	40.87 1.03 0.00	36.79 0.61 0.00	34.17 0.83 0.00	32.76 0.42 0.00	27.77 0.46 0.00	22.66 0.36 0.00	19.00 0.17 -0.34
RUSSELL___2 23532	15.44 0.15 -0.67	12.91 0.15 -0.89	10.98 0.10 -0.79	10.70 0.08 -0.61	10.84 0.11 -0.66	11.48 0.16 -0.54	16.69 0.02 -0.30	19.97 0.28 0.00	21.90 0.70 0.00	24.43 0.71 0.00	26.67 0.70 0.00	29.47 0.89 0.00	31.98 1.05 0.00	34.21 1.00 0.00	35.12 0.62 0.00	38.43 0.86 0.00	39.05 0.73 0.00	40.87 1.03 0.00	36.79 0.61 0.00	34.17 0.83 0.00	32.76 0.42 0.00	27.77 0.46 0.00	22.66 0.36 0.00	19.00 0.17 -0.34
RUSSELL___3 23549	15.44 0.15 -0.67	12.91 0.15 -0.89	10.98 0.10 -0.79	10.70 0.08 -0.61	10.84 0.11 -0.66	11.48 0.16 -0.54	16.69 0.02 -0.30	19.97 0.28 0.00	21.90 0.70 0.00	24.43 0.71 0.00	26.67 0.70 0.00	29.47 0.89 0.00	31.98 1.05 0.00	34.21 1.00 0.00	35.12 0.62 0.00	38.43 0.86 0.00	39.05 0.73 0.00	40.87 1.03 0.00	36.79 0.61 0.00	34.17 0.83 0.00	32.76 0.42 0.00	27.77 0.46 0.00	22.66 0.36 0.00	19.00 0.17 -0.34
RUSSELL___4 23556	15.44 0.15 -0.67	12.91 0.15 -0.89	10.98 0.10 -0.79	10.70 0.08 -0.61	10.84 0.11 -0.66	11.48 0.16 -0.54	16.69 0.02 -0.30	19.97 0.28 0.00	21.90 0.70 0.00	24.43 0.71 0.00	26.67 0.70 0.00	29.47 0.89 0.00	31.98 1.05 0.00	34.21 1.00 0.00	35.12 0.62 0.00	38.43 0.86 0.00	39.05 0.73 0.00	40.87 1.03 0.00	36.79 0.61 0.00	34.17 0.83 0.00	32.76 0.42 0.00	27.77 0.46 0.00	22.66 0.36 0.00	19.00 0.17 -0.34
RUSSELL___STATION 23914	15.44 0.15 -0.67	12.91 0.15 -0.89	10.98 0.10 -0.79	10.70 0.08 -0.61	10.84 0.11 -0.66	11.48 0.16 -0.54	16.69 0.02 -0.30	19.97 0.28 0.00	21.90 0.70 0.00	24.43 0.71 0.00	26.67 0.70 0.00	29.47 0.89 0.00	31.98 1.05 0.00	34.21 1.00 0.00	35.12 0.62 0.00	38.43 0.86 0.00	39.05 0.73 0.00	40.87 1.03 0.00	36.79 0.61 0.00	34.17 0.83 0.00	32.76 0.42 0.00	27.77 0.46 0.00	22.66 0.36 0.00	19.00 0.17 -0.34
S SALMON___HYD 24043	14.84 -0.15 -0.36	12.23 -0.12 -0.48	10.39 -0.12 -0.42	10.22 -0.12 -0.33	10.30 -0.12 -0.35	10.97 -0.10 -0.29	16.44 -0.10 -0.17	19.56 -0.14 0.00	21.13 -0.06 0.00	23.73 -0.12 -0.13	26.61 -0.08 -0.72	29.90 -0.09 -1.40	32.55 -0.15 -1.77	35.65 -0.17 -2.60	37.13 -0.24 -2.88	40.16 -0.22 -2.82	40.59 -0.35 -2.61	42.95 -0.20 -3.31	39.25 -0.25 -3.32	35.69 -0.27 -2.62	34.40 -0.29 -2.35	28.07 -0.27 -1.04	22.12 -0.18 0.00	18.52 -0.17 -0.19



SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.45 -0.06 -0.88	13.12 0.07 -1.18	11.18 0.05 -1.05	10.85 0.03 -0.81	11.00 0.06 -0.87	11.60 0.11 -0.71	16.41 -0.36 -0.40	20.58 -0.10 -0.98	31.22 0.34 -9.68	45.50 0.17 -21.61	56.70 -0.08 -30.81	66.51 0.09 -37.84	79.16 0.09 -48.14	90.20 -0.07 -57.05	96.58 -0.83 -62.92	100.59 -0.64 -63.66	100.23 -0.96 -62.87	84.22 -0.64 -45.03	80.13 -0.72 -44.68	56.01 -0.20 -22.88	49.92 -0.74 -18.32	26.85 -0.52 -0.06	23.07 -0.33 -1.09	18.44 -0.50 -0.44
SELKIRK___I 23801	22.42 0.73 -7.06	21.95 0.60 -9.48	18.99 0.51 -8.39	16.99 0.51 -6.47	17.57 0.51 -6.99	17.04 0.55 -5.71	20.34 0.80 -3.17	20.70 1.00 0.00	22.24 1.04 0.00	24.92 1.21 0.00	27.29 1.32 0.00	30.04 1.46 0.00	32.54 1.61 0.00	34.98 1.76 0.00	36.54 1.93 -0.11	39.78 2.03 -0.19	40.83 2.11 -0.40	42.19 2.07 -0.29	38.16 1.95 -0.03	35.06 1.73 0.00	34.09 1.75 0.00	28.78 1.47 0.00	23.51 1.20 -0.01	23.01 0.98 -3.54
SELKIRK___II 23799	22.43 0.73 -7.07	21.95 0.60 -9.48	19.00 0.51 -8.40	16.99 0.51 -6.47	17.58 0.51 -7.00	17.04 0.55 -5.72	20.35 0.80 -3.17	20.70 1.00 0.00	22.24 1.04 0.00	24.90 1.19 0.00	27.29 1.32 0.00	30.04 1.46 0.00	32.54 1.61 0.00	34.98 1.76 0.00	36.49 1.90 -0.10	39.76 2.03 -0.17	40.75 2.07 -0.36	42.16 2.07 -0.26	38.12 1.92 -0.03	35.06 1.73 0.00	34.06 1.71 0.00	28.78 1.47 0.00	23.51 1.20 -0.01	23.00 0.96 -3.54
SENECA OSWGO___HYD 24041	14.95 -0.10 -0.42	12.37 -0.06 -0.57	10.52 -0.07 -0.50	10.32 -0.08 -0.39	10.42 -0.06 -0.42	11.06 -0.05 -0.34	16.40 -0.16 -0.19	19.48 -0.22 0.00	20.94 -0.25 0.00	23.61 -0.28 -0.18	26.64 -0.31 -0.98	30.12 -0.37 -1.91	32.93 -0.40 -2.40	36.28 -0.47 -3.53	37.89 -0.52 -3.91	40.88 -0.53 -3.84	41.29 -0.57 -3.55	43.81 -0.52 -4.50	40.15 -0.54 -4.52	36.43 -0.47 -3.57	35.05 -0.48 -3.19	28.28 -0.44 -1.42	21.99 -0.31 0.00	18.49 -0.22 -0.21
SENECA___ENERGY 23797	15.40 0.07 -0.70	12.90 0.09 -0.94	10.98 0.06 -0.83	10.69 0.04 -0.64	10.82 0.06 -0.69	11.43 0.09 -0.57	16.69 0.00 -0.32	19.74 0.04 0.00	21.41 0.21 0.00	23.85 0.07 -0.06	26.35 0.05 -0.33	29.31 0.09 -0.64	31.83 0.09 -0.80	34.43 0.03 -1.18	35.63 -0.17 -1.31	38.81 -0.04 -1.28	39.35 -0.15 -1.18	41.26 -0.08 -1.50	37.57 -0.11 -1.51	34.56 0.03 -1.19	33.28 -0.13 -1.07	27.64 -0.14 -0.47	22.30 0.00 0.00	18.87 0.02 -0.35
SHOEMAKER___GT 23640	21.08 1.32 -5.13	19.80 1.04 -6.89	17.04 0.86 -6.10	15.56 0.85 -4.70	16.02 0.88 -5.08	15.87 0.95 -4.15	20.08 1.41 -2.30	21.45 1.75 0.00	23.21 2.01 0.00	25.99 2.28 0.00	28.46 2.49 0.00	31.30 2.72 0.00	33.90 2.97 0.00	36.44 3.22 0.00	39.93 3.38 -2.05	44.72 3.64 -3.51	49.48 3.76 -7.40	48.95 3.82 -5.29	40.30 3.55 -0.59	36.60 3.27 0.00	35.51 3.17 0.00	30.01 2.70 0.00	24.66 2.23 -0.13	22.75 1.68 -2.57
SHOREHAM_IC_1 23715	23.65 2.39 -6.64	21.88 1.84 -8.18	18.26 1.51 -6.66	16.54 1.39 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	20.92 2.03 -2.52	24.58 2.72 -2.16	24.83 3.20 -0.43	28.53 3.70 -1.12	31.05 3.84 -1.24	32.83 4.23 -0.01	35.26 4.33 0.00	38.13 4.92 0.00	42.37 5.28 -2.60	48.01 5.97 -4.47	54.70 6.13 -10.24	54.45 6.33 -8.29	43.22 5.90 -1.15	38.43 5.10 0.00	37.10 4.76 0.00	32.91 4.26 -1.35	27.64 3.43 -1.90	25.68 2.74 -4.45
SHOREHAM_IC_2 23716	23.65 2.39 -6.64	21.88 1.84 -8.18	18.26 1.51 -6.66	16.54 1.39 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	20.92 2.03 -2.52	24.58 2.72 -2.16	24.83 3.20 -0.43	28.53 3.70 -1.12	31.05 3.84 -1.24	32.83 4.23 -0.01	35.26 4.33 0.00	38.13 4.92 0.00	42.37 5.28 -2.60	48.01 5.97 -4.47	54.70 6.13 -10.24	54.45 6.33 -8.29	43.22 5.90 -1.15	38.43 5.10 0.00	37.10 4.76 0.00	32.91 4.26 -1.35	27.64 3.43 -1.90	25.68 2.74 -4.45
SISSONVILLE____ 23735	12.96 -1.67 0.00	10.47 -1.40 0.00	8.99 -1.10 0.00	8.98 -1.03 0.00	8.97 -1.10 0.00	9.50 -1.27 0.00	8.82 -1.38 6.18	18.08 -1.61 0.00	19.46 -1.74 0.00	21.68 -2.04 0.00	21.82 -2.21 1.94	23.86 -2.43 2.29	21.70 -2.63 6.61	21.64 -2.79 8.79	21.61 -2.86 10.02	21.57 -3.12 12.88	31.49 -3.14 3.69	36.61 -3.23 0.00	33.21 -2.97 0.00	21.64 -2.80 8.90	21.70 -2.65 8.00	21.82 -2.24 3.25	20.43 -1.87 0.00	8.76 -1.54 8.20
SITHE_IND_GS1 24169	14.74 -0.23 -0.35	12.16 -0.18 -0.47	10.34 -0.16 -0.41	10.16 -0.17 -0.32	10.25 -0.16 -0.35	10.90 -0.16 -0.28	16.23 -0.29 -0.16	19.30 -0.39 0.00	20.71 -0.49 0.00	22.65 -0.57 0.50	22.64 -0.62 2.71	22.63 -0.69 5.27	23.54 -0.74 6.65	22.62 -0.83 9.77	22.74 -0.93 10.82	26.01 -0.94 10.62	27.52 -1.00 9.81	26.39 -0.99 12.45	22.74 -0.94 12.49	22.64 -0.83 9.86	22.64 -0.87 8.83	22.65 -0.74 3.92	21.72 -0.58 0.00	18.27 -0.41 -0.18
SITHE_IND_GS2 24170	14.74 -0.23 -0.35	12.16 -0.18 -0.47	10.34 -0.16 -0.41	10.16 -0.17 -0.32	10.25 -0.16 -0.35	10.90 -0.16 -0.28	16.23 -0.29 -0.16	19.30 -0.39 0.00	20.71 -0.49 0.00	22.65 -0.57 0.50	22.64 -0.62 2.71	22.63 -0.69 5.27	23.54 -0.74 6.65	22.62 -0.83 9.77	22.74 -0.93 10.82	26.01 -0.94 10.62	27.52 -1.00 9.81	26.39 -0.99 12.45	22.74 -0.94 12.49	22.64 -0.83 9.86	22.64 -0.87 8.83	22.65 -0.74 3.92	21.72 -0.58 0.00	18.27 -0.41 -0.18
SITHE_IND_GS3 24171	14.74 -0.23 -0.35	12.16 -0.18 -0.47	10.34 -0.16 -0.41	10.16 -0.17 -0.32	10.25 -0.16 -0.35	10.90 -0.16 -0.28	16.23 -0.29 -0.16	19.30 -0.39 0.00	20.71 -0.49 0.00	22.65 -0.57 0.50	22.64 -0.62 2.71	22.63 -0.69 5.27	23.54 -0.74 6.65	22.62 -0.83 9.77	22.74 -0.93 10.82	26.01 -0.94 10.62	27.52 -1.00 9.81	26.39 -0.99 12.45	22.74 -0.94 12.49	22.64 -0.83 9.86	22.64 -0.87 8.83	22.65 -0.74 3.92	21.72 -0.58 0.00	18.27 -0.41 -0.18
SITHE_IND_GS4 24172	14.74 -0.23 -0.35	12.16 -0.18 -0.47	10.34 -0.16 -0.41	10.16 -0.17 -0.32	10.25 -0.16 -0.35	10.90 -0.16 -0.28	16.23 -0.29 -0.16	19.30 -0.39 0.00	20.71 -0.49 0.00	22.65 -0.57 0.50	22.64 -0.62 2.71	22.63 -0.69 5.27	23.54 -0.74 6.65	22.62 -0.83 9.77	22.74 -0.93 10.82	26.01 -0.94 10.62	27.52 -1.00 9.81	26.39 -0.99 12.45	22.74 -0.94 12.49	22.64 -0.83 9.86	22.64 -0.87 8.83	22.65 -0.74 3.92	21.72 -0.58 0.00	18.27 -0.41 -0.18
SITHE___BATAVIA 24024	15.58 0.16 -0.79	13.16 0.22 -1.06	11.20 0.17 -0.94	10.89 0.15 -0.73	11.03 0.18 -0.79	11.68 0.26 -0.64	16.65 -0.08 -0.36	20.08 0.26 -0.13	23.30 0.81 -1.30	27.23 0.62 -2.90	30.57 0.47 -4.13	34.38 0.71 -5.08	38.22 0.84 -6.46	41.60 0.73 -7.65	42.97 0.03 -8.44	46.37 0.26 -8.54	46.76 0.00 -8.43	46.23 0.36 -6.04	42.24 0.07 -5.99	36.93 0.53 -3.07	34.74 -0.06 -2.46	27.34 0.03 -0.01	22.52 0.07 -0.15	18.75 -0.15 -0.40
SITHE___INDEPEND 23800	14.74 -0.23 -0.35	12.16 -0.18 -0.47	10.34 -0.16 -0.41	10.16 -0.17 -0.32	10.25 -0.16 -0.35	10.90 -0.16 -0.28	16.23 -0.29 -0.16	19.30 -0.39 0.00	20.71 -0.49 0.00	22.65 -0.57 0.50	22.64 -0.62 2.71	22.63 -0.69 5.27	23.54 -0.74 6.65	22.62 -0.83 9.77	22.74 -0.93 10.82	26.01 -0.94 10.62	27.52 -1.00 9.81	26.39 -0.99 12.45	22.74 -0.94 12.49	22.64 -0.83 9.86	22.64 -0.87 8.83	22.65 -0.74 3.92	21.72 -0.58 0.00	18.27 -0.41 -0.18



SITHE___MASSENA 23902	13.53 -1.10 0.00	10.93 -0.94 0.00	9.37 -0.72 0.00	9.35 -0.66 0.00	9.35 -0.71 0.00	9.94 -0.84 0.00	9.39 -0.80 6.18	18.75 -0.95 0.00	20.16 -1.04 0.00	22.51 -1.21 0.00	22.70 -1.32 1.94	24.84 -1.46 2.29	22.75 -1.58 6.61	22.77 -1.66 8.79	22.75 -1.72 10.02	22.77 -1.91 12.88	32.72 -1.92 3.69	37.88 -1.95 0.00	34.36 -1.81 0.00	22.77 -1.67 8.90	22.76 -1.58 8.00	22.72 -1.34 3.25	21.19 -1.11 0.00	9.41 -0.89 8.20
SITHE___OGDNSBRG 24021	13.43 -1.20 0.00	10.85 -1.02 0.00	9.30 -0.79 0.00	9.28 -0.73 0.00	9.27 -0.80 0.00	9.85 -0.93 0.00	9.54 -0.66 6.18	18.93 -0.77 0.00	20.41 -0.78 0.00	22.79 -0.93 0.00	23.04 -0.99 1.94	25.24 -1.06 2.29	23.15 -1.18 6.61	23.20 -1.23 8.79	23.23 -1.24 10.02	23.34 -1.35 12.88	33.29 -1.34 3.69	38.56 -1.28 0.00	34.94 -1.23 0.00	23.20 -1.23 8.90	23.18 -1.16 8.00	23.02 -1.04 3.25	21.39 -0.92 0.00	9.54 -0.76 8.20
SITHE___STERLING 23777	15.13 0.34 -0.16	12.37 0.28 -0.22	10.50 0.22 -0.19	10.37 0.21 -0.15	10.45 0.22 -0.16	11.16 0.26 -0.13	16.86 0.41 -0.08	20.19 0.49 0.00	21.85 0.66 0.00	24.48 0.74 -0.03	26.97 0.83 -0.17	29.89 0.97 -0.33	32.34 0.99 -0.42	34.90 1.06 -0.62	36.25 1.07 -0.69	39.48 1.24 -0.67	40.17 1.23 -0.62	42.02 1.39 -0.79	38.16 1.19 -0.79	35.02 1.07 -0.63	33.91 1.00 -0.56	28.29 0.74 -0.25	22.86 0.56 0.00	19.01 0.43 -0.09
SOUTH CAIRO___GT 23612	21.94 1.13 -6.19	21.04 0.88 -8.30	18.17 0.74 -7.35	16.44 0.76 -5.66	16.96 0.78 -6.12	16.62 0.84 -5.00	20.36 1.21 -2.78	21.21 1.52 0.00	23.00 1.80 0.00	25.75 2.04 0.00	28.28 2.31 0.00	31.19 2.60 0.00	33.81 2.88 0.00	36.31 3.09 0.00	39.20 3.52 -1.18	43.31 3.72 -2.02	46.46 3.87 -4.26	46.87 3.98 -3.05	40.09 3.58 -0.34	36.56 3.23 0.00	35.42 3.07 0.00	29.93 2.62 0.00	24.45 2.07 -0.07	23.13 1.53 -3.10
SOUTH HAMPTN___IC 23720	24.34 3.09 -6.63	22.41 2.37 -8.18	18.71 1.96 -6.66	16.96 1.81 -5.14	18.55 1.93 -6.56	20.10 2.08 -7.24	21.67 2.78 -2.52	25.62 3.76 -2.16	26.18 4.56 -0.43	30.14 5.31 -1.11	32.99 5.79 -1.24	35.05 6.46 -0.01	37.77 6.84 0.00	40.86 7.64 0.00	45.24 8.14 -2.60	51.32 9.28 -4.47	58.06 9.50 -10.24	57.99 9.88 -8.28	46.29 8.97 -1.15	41.13 7.80 0.00	39.52 7.18 0.00	34.88 6.23 -1.35	29.00 4.82 -1.88	26.71 3.79 -4.43
SOUTHOLD___IC 23719	24.71 3.45 -6.63	22.69 2.65 -8.18	18.92 2.17 -6.66	17.17 2.02 -5.14	18.77 2.14 -6.56	20.32 2.31 -7.24	22.03 3.14 -2.52	26.11 4.25 -2.16	26.82 5.19 -0.43	30.92 6.10 -1.11	33.95 6.75 -1.24	36.17 7.58 -0.01	39.00 8.07 0.00	42.22 9.00 0.00	46.69 9.59 -2.60	52.93 10.89 -4.47	59.79 11.23 -10.24	59.82 11.71 -8.28	47.88 10.56 -1.15	42.53 9.20 0.00	40.79 8.44 0.00	35.91 7.26 -1.35	29.70 5.51 -1.88	27.23 4.31 -4.43
ST LAWRENCE___ 23600	13.66 -0.97 0.00	11.05 -0.82 0.00	9.43 -0.66 0.00	9.38 -0.63 0.00	9.41 -0.65 0.00	10.03 -0.74 0.00	15.60 -0.77 0.00	18.75 -0.95 0.00	20.16 -1.04 0.00	22.53 -1.19 0.00	24.67 -1.30 0.00	24.91 -1.43 2.25	24.95 -1.55 4.44	25.14 -1.66 6.42	25.11 -1.69 7.70	28.80 -1.84 6.92	36.48 -1.84 0.00	37.92 -1.91 0.00	34.44 -1.74 0.00	31.70 -1.63 0.00	30.79 -1.55 0.00	25.99 -1.31 0.00	21.19 -1.11 0.00	17.63 -0.87 0.00
STATION 5_MISC_HYD 23604	15.32 0.03 -0.67	12.83 0.07 -0.89	10.92 0.04 -0.79	10.64 0.02 -0.61	10.77 0.04 -0.66	11.40 0.09 -0.54	16.57 -0.10 -0.30	19.79 0.12 0.02	21.48 0.49 0.20	23.71 0.45 0.45	25.74 0.41 0.64	28.37 0.57 0.79	30.60 0.68 1.01	32.62 0.60 1.19	33.39 0.21 1.31	36.65 0.41 1.33	37.28 0.27 1.31	39.41 0.52 0.94	35.46 0.22 0.93	33.29 0.43 0.48	32.03 0.06 0.38	27.47 0.16 0.00	22.39 0.11 0.02	18.81 -0.02 -0.34
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	15.38 0.09 -0.66	12.86 0.11 -0.89	10.94 0.07 -0.79	10.67 0.05 -0.60	10.80 0.08 -0.65	11.43 0.12 -0.53	16.70 0.03 -0.30	19.87 0.18 0.00	21.66 0.47 0.00	24.14 0.40 -0.02	26.46 0.39 -0.11	29.31 0.52 -0.21	31.81 0.62 -0.26	34.16 0.56 -0.38	35.23 0.31 -0.42	38.43 0.45 -0.42	39.09 0.38 -0.38	40.92 0.60 -0.49	36.99 0.32 -0.49	34.22 0.50 -0.39	32.88 0.20 -0.35	27.65 0.19 -0.15	22.48 0.18 0.00	18.92 0.09 -0.33
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.20 -0.09 -0.66	12.71 -0.04 -0.88	10.82 -0.05 -0.78	10.55 -0.07 -0.60	10.67 -0.05 -0.65	11.30 -0.01 -0.53	16.44 -0.23 -0.30	19.62 -0.08 0.00	21.45 0.26 0.00	23.90 0.19 0.00	26.13 0.16 0.00	28.84 0.26 0.00	31.27 0.34 0.00	33.45 0.23 0.00	34.39 -0.10 0.00	37.60 0.04 0.00	38.25 -0.08 0.00	39.99 0.16 0.00	36.06 -0.11 0.00	33.43 0.10 0.00	32.12 -0.22 0.00	27.20 -0.11 0.00	22.22 -0.09 0.00	18.64 -0.18 -0.33
STEEL___WIND 323596	15.72 0.18 -0.92	13.36 0.26 -1.24	11.39 0.21 -1.09	11.04 0.19 -0.84	11.20 0.22 -0.91	11.80 0.28 -0.74	16.69 -0.10 -0.41	20.51 0.30 -0.52	27.11 0.78 -5.13	35.80 0.64 -11.44	42.75 0.47 -16.31	49.28 0.66 -20.03	57.12 0.71 -25.48	64.01 0.60 -30.20	67.66 -0.14 -33.30	71.38 0.11 -33.70	71.41 -0.19 -33.28	63.87 0.20 -23.83	59.82 0.00 -23.65	45.91 0.47 -12.11	41.94 -0.10 -9.70	27.37 0.03 -0.03	23.00 0.11 -0.58	18.77 -0.18 -0.46
STEBEN_REC_LFGE 323667	16.34 0.51 -1.20	13.95 0.48 -1.61	11.88 0.37 -1.42	11.46 0.35 -1.10	11.63 0.38 -1.19	12.21 0.46 -0.97	17.35 0.44 -0.54	20.56 0.75 -0.11	23.53 1.23 -1.11	27.33 1.11 -2.50	30.75 1.09 -3.69	34.43 1.20 -4.65	38.11 1.27 -5.91	41.43 1.09 -7.12	42.93 0.59 -7.85	46.39 0.90 -7.92	46.87 0.77 -7.78	46.89 1.16 -5.91	42.91 0.87 -5.87	37.71 1.17 -3.22	35.69 0.71 -2.63	28.31 0.76 -0.25	23.12 0.69 -0.13	19.52 0.43 -0.60
STONY___BROOK 24151	23.64 2.36 -6.65	21.87 1.83 -8.18	18.24 1.49 -6.66	16.54 1.39 -5.14	18.12 1.50 -6.56	19.65 1.64 -7.24	21.15 2.26 -2.52	24.86 2.99 -2.18	25.12 3.48 -0.45	28.83 3.98 -1.13	31.31 4.10 -1.24	33.05 4.46 -0.01	35.51 4.58 0.00	38.40 5.18 0.00	42.65 5.55 -2.60	48.28 6.24 -4.47	54.84 6.25 -10.27	54.59 6.45 -8.30	43.33 6.01 -1.16	38.57 5.23 0.00	37.26 4.91 0.00	33.05 4.40 -1.35	27.91 3.64 -1.97	25.93 2.92 -4.51
STURGEON_POOL_HYD 23609	21.98 1.46 -5.89	20.93 1.16 -7.90	18.04 0.96 -7.00	16.35 0.95 -5.39	16.86 0.97 -5.83	16.59 1.06 -4.76	20.57 1.56 -2.64	21.65 1.95 0.00	23.38 2.18 0.00	26.20 2.49 0.00	28.69 2.73 0.00	31.59 3.00 0.00	34.21 3.28 0.00	36.77 3.56 0.00	39.70 3.73 -1.48	44.07 3.98 -2.53	47.76 4.10 -5.33	47.79 4.14 -3.82	40.47 3.87 -0.42	36.90 3.57 0.00	35.84 3.49 0.00	30.28 2.98 0.00	24.85 2.45 -0.09	23.30 1.85 -2.95
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.33 1.46 -5.24	20.06 1.16 -7.03	17.28 0.96 -6.23	15.75 0.94 -4.80	16.22 0.97 -5.19	16.07 1.06 -4.24	20.30 1.57 -2.35	21.67 1.97 0.00	23.42 2.23 0.00	26.23 2.51 0.00	28.72 2.75 0.00	31.59 3.00 0.00	34.21 3.28 0.00	36.77 3.56 0.00	40.44 3.79 -2.15	45.35 4.10 -3.69	50.28 4.18 -7.78	49.66 4.26 -5.57	40.70 3.91 -0.62	36.93 3.60 0.00	35.84 3.49 0.00	30.28 2.98 0.00	24.91 2.48 -0.13	23.01 1.89 -2.63



SYNERGY___BIOGAS 323694	15.58 0.16 -0.79	13.16 0.22 -1.06	11.20 0.17 -0.94	10.89 0.15 -0.73	11.03 0.18 -0.79	11.68 0.26 -0.64	16.65 -0.08 -0.36	20.08 0.26 -0.13	23.30 0.81 -1.30	27.23 0.62 -2.90	30.57 0.47 -4.13	34.38 0.71 -5.08	38.22 0.84 -6.46	41.60 0.73 -7.65	42.97 0.03 -8.44	46.37 0.26 -8.54	46.76 0.00 -8.43	46.23 0.36 -6.04	42.24 0.07 -5.99	36.93 0.53 -3.07	34.74 -0.06 -2.46	27.34 0.03 -0.01	22.52 0.07 -0.15	18.75 -0.15 -0.40
SYRACUSE___ENERGY_ST1 323597	15.27 0.12 -0.53	12.68 0.11 -0.71	10.79 0.07 -0.63	10.57 0.07 -0.49	10.67 0.08 -0.52	11.31 0.11 -0.43	16.69 0.08 -0.24	19.80 0.10 0.00	21.32 0.13 0.00	23.93 0.12 -0.09	26.60 0.13 -0.50	29.70 0.14 -0.97	32.31 0.16 -1.22	35.15 0.13 -1.80	36.56 0.07 -1.99	39.67 0.15 -1.95	40.24 0.12 -1.81	42.28 0.16 -2.29	38.55 0.07 -2.30	35.28 0.13 -1.82	34.03 0.06 -1.63	28.05 0.03 -0.72	22.35 0.04 0.00	18.82 0.06 -0.27
SYRACUSE___ENERGY_ST2 323598	15.27 0.12 -0.53	12.68 0.11 -0.71	10.79 0.07 -0.63	10.57 0.07 -0.49	10.67 0.08 -0.52	11.31 0.11 -0.43	16.69 0.08 -0.24	19.80 0.10 0.00	21.32 0.13 0.00	23.93 0.12 -0.09	26.60 0.13 -0.50	29.70 0.14 -0.97	32.31 0.16 -1.22	35.15 0.13 -1.80	36.56 0.07 -1.99	39.67 0.15 -1.95	40.24 0.12 -1.81	42.28 0.16 -2.29	38.55 0.07 -2.30	35.28 0.13 -1.82	34.03 0.06 -1.63	28.05 0.03 -0.72	22.35 0.04 0.00	18.82 0.06 -0.27
SYRACUSE___POWER 24017	15.30 0.15 -0.53	12.71 0.13 -0.71	10.81 0.09 -0.63	10.57 0.08 -0.48	10.68 0.09 -0.52	11.32 0.12 -0.43	16.73 0.12 -0.24	19.84 0.14 0.00	21.39 0.19 0.00	23.97 0.19 -0.07	26.55 0.21 -0.38	29.55 0.23 -0.73	32.07 0.22 -0.92	34.77 0.20 -1.35	36.13 0.14 -1.50	39.26 0.23 -1.47	39.88 0.19 -1.36	41.84 0.28 -1.73	38.09 0.18 -1.73	34.90 0.20 -1.37	33.70 0.13 -1.22	27.96 0.11 -0.54	22.42 0.11 0.00	18.86 0.09 -0.27
TRIGEN___CC 323695	25.96 1.99 -9.35	21.64 1.58 -8.19	18.05 1.30 -6.67	16.37 1.22 -5.14	17.93 1.31 -6.56	19.44 1.42 -7.24	21.02 2.13 -2.52	27.08 2.68 -4.70	27.38 2.95 -3.24	30.15 3.30 -3.14	30.69 3.48 -1.24	32.40 3.80 -0.01	34.89 3.96 0.00	37.67 4.45 0.00	41.82 4.73 -2.60	47.18 5.15 -4.47	59.34 5.29 -15.73	56.37 5.34 -11.20	43.06 4.99 -1.89	37.80 4.47 0.00	36.61 4.27 0.00	32.39 3.74 -1.35	39.06 3.21 -13.54	36.40 2.52 -15.38
UNION___PROCESSING_DRP 323587	15.28 -0.01 -0.67	12.80 0.04 -0.90	10.89 0.01 -0.80	10.61 -0.01 -0.61	10.74 0.01 -0.66	11.37 0.05 -0.54	16.53 -0.15 -0.30	19.74 0.04 0.00	21.58 0.38 0.00	24.05 0.33 0.00	26.25 0.29 0.00	28.99 0.40 0.00	31.42 0.49 0.00	33.62 0.40 0.00	34.53 0.03 0.00	37.75 0.19 0.00	38.36 0.04 0.00	40.11 0.28 0.00	36.17 0.00 0.00	33.57 0.23 0.00	32.21 -0.13 0.00	27.30 0.00 0.00	22.30 0.00 0.00	18.72 -0.11 -0.34
UPPER HUDSON___HYD 24058	22.69 0.57 -7.49	22.33 0.42 -10.05	19.37 0.38 -8.90	17.23 0.36 -6.86	17.84 0.36 -7.41	17.24 0.41 -6.05	20.37 0.64 -3.36	20.52 0.83 0.00	22.11 0.91 0.00	24.83 1.11 0.00	27.27 1.30 0.00	30.04 1.46 0.00	32.54 1.61 0.00	35.04 1.83 0.00	36.86 2.10 -0.26	40.29 2.29 -0.44	41.59 2.34 -0.93	42.92 2.43 -0.66	38.42 2.17 -0.07	35.10 1.77 0.00	34.15 1.81 0.00	28.81 1.50 0.00	23.52 1.20 -0.02	23.25 1.00 -3.75
UPPER RAQUET___HYD 24056	12.96 -1.67 0.00	10.47 -1.40 0.00	8.99 -1.10 0.00	8.98 -1.03 0.00	8.97 -1.10 0.00	9.50 -1.27 0.00	8.82 -1.38 6.18	18.08 -1.61 0.00	19.46 -1.74 0.00	21.68 -2.04 0.00	21.82 -2.21 1.94	23.86 -2.43 2.29	21.70 -2.63 6.61	21.64 -2.79 8.79	21.61 -2.86 10.02	21.57 -3.12 12.88	31.49 -3.14 3.69	36.61 -3.23 0.00	33.21 -2.97 0.00	21.64 -2.80 8.90	21.70 -2.65 8.00	21.82 -2.24 3.25	20.43 -1.87 0.00	8.76 -1.54 8.20
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.02 1.00 -2.40	15.90 0.82 -3.22	13.61 0.68 -2.85	12.87 0.66 -2.20	13.11 0.67 -2.37	13.44 0.72 -1.94	18.55 1.10 -1.08	21.08 1.36 -0.02	23.02 1.61 -0.21	26.01 1.80 -0.49	28.73 1.97 -0.79	31.84 2.20 -1.05	34.59 2.32 -1.34	37.34 2.46 -1.67	39.01 2.55 -1.96	42.43 2.82 -2.05	43.39 2.84 -2.23	44.65 2.99 -1.83	40.47 2.75 -1.55	36.76 2.50 -0.92	35.58 2.46 -0.78	29.47 1.99 -0.17	23.94 1.61 -0.03	20.94 1.24 -1.20
VISCHER___FERRY HYD 24020	22.83 0.82 -7.39	22.43 0.65 -9.91	19.44 0.57 -8.78	17.33 0.56 -6.76	17.94 0.56 -7.31	17.36 0.61 -5.97	20.59 0.90 -3.31	20.82 1.12 0.00	22.36 1.17 0.00	25.09 1.37 0.00	27.50 1.53 0.00	30.30 1.72 0.00	32.82 1.89 0.00	35.31 2.09 0.00	36.95 2.28 -0.18	40.35 2.48 -0.31	41.50 2.53 -0.65	42.88 2.59 -0.46	38.61 2.39 -0.05	35.37 2.03 0.00	34.38 2.04 0.00	29.03 1.72 0.00	23.72 1.41 -0.01	23.34 1.15 -3.70
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.68 1.64 -5.42	20.43 1.29 -7.27	17.59 1.07 -6.44	16.02 1.05 -4.96	16.50 1.08 -5.36	16.33 1.17 -4.38	20.57 1.77 -2.43	21.88 2.19 0.00	23.68 2.48 0.00	26.51 2.80 0.00	29.01 3.04 0.00	31.90 3.31 0.00	34.55 3.62 0.00	37.17 3.95 0.00	41.02 4.17 -2.36	46.11 4.51 -4.04	51.43 4.60 -8.51	50.62 4.70 -6.09	41.18 4.34 -0.67	37.30 3.96 0.00	36.22 3.88 0.00	30.61 3.30 0.00	25.19 2.74 -0.15	23.32 2.11 -2.71
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.20 1.89 -5.68	20.92 1.50 -7.56	17.98 1.23 -6.66	16.35 1.20 -5.13	16.85 1.24 -5.55	16.66 1.35 -4.54	21.21 2.05 -2.79	26.64 2.54 -4.40	33.19 2.84 -9.15	35.68 3.22 -8.74	37.08 3.50 -7.61	37.87 3.83 -5.45	38.21 4.17 -3.11	40.01 4.55 -2.24	41.86 4.76 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.89 5.34 -6.72	41.83 4.92 -0.74	37.88 4.53 -0.02	37.27 4.43 -0.50	37.21 3.77 -6.14	35.90 3.12 -10.47	28.83 2.40 -7.93
WADING RIVER_IC_1 23522	23.64 2.39 -6.63	21.88 1.84 -8.18	18.26 1.51 -6.66	16.54 1.39 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	20.89 2.00 -2.52	24.55 2.70 -2.15	24.80 3.18 -0.42	28.50 3.68 -1.11	31.02 3.82 -1.24	32.80 4.20 -0.01	35.23 4.30 0.00	38.10 4.88 0.00	42.34 5.24 -2.60	48.01 5.97 -4.47	54.65 6.09 -10.23	54.40 6.29 -8.28	43.15 5.82 -1.15	38.37 5.03 0.00	37.03 4.69 0.00	32.85 4.20 -1.35	27.56 3.39 -1.87	25.61 2.70 -4.42
WADING RIVER_IC_2 23547	23.64 2.39 -6.63	21.88 1.84 -8.18	18.26 1.51 -6.66	16.54 1.39 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	20.89 2.00 -2.52	24.55 2.70 -2.15	24.80 3.18 -0.42	28.50 3.68 -1.11	31.02 3.82 -1.24	32.80 4.20 -0.01	35.23 4.30 0.00	38.10 4.88 0.00	42.34 5.24 -2.60	48.01 5.97 -4.47	54.65 6.09 -10.23	54.40 6.29 -8.28	43.15 5.82 -1.15	38.37 5.03 0.00	37.03 4.69 0.00	32.85 4.20 -1.35	27.56 3.39 -1.87	25.61 2.70 -4.42
WADING RIVER_IC_3 23601	23.64 2.39 -6.63	21.88 1.84 -8.18	18.26 1.51 -6.66	16.54 1.39 -5.14	18.13 1.51 -6.56	19.65 1.64 -7.24	20.89 2.00 -2.52	24.55 2.70 -2.15	24.80 3.18 -0.42	28.50 3.68 -1.11	31.02 3.82 -1.24	32.80 4.20 -0.01	35.23 4.30 0.00	38.10 4.88 0.00	42.34 5.24 -2.60	48.01 5.97 -4.47	54.65 6.09 -10.23	54.40 6.29 -8.28	43.15 5.82 -1.15	38.37 5.03 0.00	37.03 4.69 0.00	32.85 4.20 -1.35	27.56 3.39 -1.87	25.61 2.70 -4.42



WALDEN___HYDRO 24148	21.73 1.55 -5.56	20.54 1.22 -7.46	17.70 1.01 -6.60	16.10 1.00 -5.09	16.58 1.02 -5.50	16.38 1.11 -4.49	20.54 1.67 -2.49	21.78 2.09 0.00	23.57 2.37 0.00	26.42 2.70 0.00	28.95 2.99 0.00	31.85 3.26 0.00	34.49 3.56 0.00	37.10 3.88 0.00	40.61 4.14 -1.97	45.41 4.47 -3.38	50.05 4.60 -7.13	49.63 4.70 -5.10	41.04 4.30 -0.56	37.30 3.96 0.00	36.19 3.85 0.00	30.58 3.28 0.00	25.10 2.68 -0.12	23.30 2.02 -2.78
WARRENSBURG___ 23737	22.69 0.57 -7.49	22.33 0.42 -10.05	19.37 0.38 -8.90	17.23 0.36 -6.86	17.84 0.36 -7.41	17.24 0.41 -6.05	20.37 0.64 -3.36	20.52 0.83 0.00	22.11 0.91 0.00	24.83 1.11 0.00	27.27 1.30 0.00	30.04 1.46 0.00	32.54 1.61 0.00	35.04 1.83 0.00	36.86 2.10 -0.26	40.29 2.29 -0.44	41.59 2.34 -0.93	42.92 2.43 -0.66	38.42 2.17 -0.07	35.10 1.77 0.00	34.15 1.81 0.00	28.81 1.50 0.00	23.52 1.20 -0.02	23.25 1.00 -3.75
WATERSIDE___6 8 9 23538	22.23 1.92 -5.69	20.96 1.53 -7.56	18.01 1.26 -6.66	16.37 1.22 -5.13	16.88 1.27 -5.55	16.69 1.37 -4.54	21.21 2.03 -2.81	26.96 2.56 -4.70	33.83 2.86 -9.77	35.72 3.27 -8.73	37.13 3.56 -7.60	37.89 3.86 -5.44	38.20 4.17 -3.10	40.19 4.59 -2.39	41.82 4.73 -2.60	46.98 4.96 -4.46	52.70 4.98 -9.40	51.61 5.06 -6.72	41.72 4.81 -0.74	37.49 4.53 0.38	36.87 4.49 -0.03	37.21 3.79 -6.11	35.87 3.08 -10.48	28.88 2.44 -7.94
WDELAWARE___HYD 323627	21.46 1.02 -5.81	20.44 0.77 -7.80	17.62 0.63 -6.91	15.97 0.64 -5.32	16.48 0.66 -5.75	16.21 0.73 -4.70	20.08 1.10 -2.61	21.12 1.42 0.00	22.74 1.55 0.00	25.49 1.78 0.00	28.00 2.03 0.00	30.82 2.23 0.00	33.43 2.50 0.00	35.94 2.72 0.00	37.38 1.28 -1.61	41.56 1.24 -2.76	45.47 1.34 -5.81	45.26 1.27 -4.16	39.70 3.07 -0.46	36.10 2.77 0.00	35.00 2.65 0.00	29.60 2.29 0.00	24.21 1.81 -0.10	22.63 1.22 -2.91
WEST BABYLON___IC 23714	24.29 2.43 -7.23	21.94 1.90 -8.18	18.30 1.55 -6.66	16.60 1.45 -5.14	18.18 1.56 -6.56	19.71 1.69 -7.24	21.38 2.49 -2.52	25.63 3.21 -2.72	25.89 3.65 -1.05	29.40 4.13 -1.56	31.59 4.39 -1.24	33.40 4.80 -0.01	35.88 4.95 0.00	38.73 5.52 0.00	42.86 5.76 -2.60	48.42 6.39 -4.47	56.25 6.48 -11.44	55.41 6.65 -8.92	43.63 6.15 -1.31	38.87 5.53 0.00	37.62 5.27 0.00	33.35 4.70 -1.35	30.63 3.86 -4.46	28.40 3.05 -6.85
WEST CANADA___HYD 24049	14.63 0.15 0.15	11.80 0.13 0.20	10.01 0.10 0.17	9.98 0.10 0.13	10.02 0.10 0.14	10.77 0.11 0.12	16.41 0.10 0.06	19.82 0.12 0.00	21.32 0.13 0.00	23.88 0.17 0.00	26.15 0.18 0.00	28.91 0.20 -0.12	31.38 0.22 -0.23	33.78 0.23 -0.33	35.17 0.27 -0.40	38.22 0.30 -0.36	38.63 0.31 0.00	40.15 0.32 0.00	36.46 0.29 0.00	33.60 0.27 0.00	32.60 0.26 0.00	27.52 0.22 0.00	22.46 0.16 0.00	18.56 0.13 0.07
WESTERN_NY_WIND 24143	15.57 0.15 -0.80	13.16 0.22 -1.07	11.21 0.17 -0.95	10.89 0.15 -0.73	11.04 0.18 -0.79	11.68 0.26 -0.65	16.63 -0.10 -0.36	20.09 0.26 -0.14	23.36 0.81 -1.36	27.34 0.59 -3.03	30.73 0.44 -4.32	34.58 0.68 -5.31	38.49 0.80 -6.75	41.92 0.70 -8.00	43.32 0.00 -8.83	46.72 0.23 -8.93	47.10 -0.04 -8.82	46.47 0.32 -6.32	42.48 0.04 -6.27	37.04 0.50 -3.21	34.82 -0.10 -2.57	27.34 0.03 -0.01	22.50 0.04 -0.15	18.73 -0.17 -0.40
WESTOVER___LESR 323668	16.99 0.53 -1.84	14.78 0.45 -2.47	12.65 0.37 -2.19	12.06 0.36 -1.68	12.27 0.38 -1.82	12.68 0.42 -1.49	17.74 0.54 -0.83	20.43 0.69 -0.04	22.51 0.87 -0.44	25.62 0.88 -1.02	28.52 0.93 -1.62	31.76 1.03 -2.15	34.74 1.08 -2.73	37.70 1.09 -3.38	39.20 0.96 -3.74	42.52 1.20 -3.75	43.12 1.15 -3.65	44.16 1.27 -3.06	40.34 1.12 -3.04	36.34 1.17 -1.84	34.93 1.03 -1.55	28.47 0.85 -0.32	23.09 0.73 -0.05	19.99 0.57 -0.92
WETHRSFD_WT_PWR 323626	15.86 0.20 -1.03	13.50 0.26 -1.38	11.52 0.21 -1.22	11.15 0.20 -0.94	11.30 0.22 -1.02	11.89 0.28 -0.83	16.83 0.00 -0.46	20.31 0.28 -0.34	25.27 0.72 -3.36	31.75 0.55 -7.49	37.07 0.41 -10.68	42.22 0.52 -13.12	48.18 0.56 -16.69	53.36 0.37 -19.78	56.03 -0.28 -21.81	59.64 0.00 -22.07	59.85 -0.27 -21.80	55.48 0.04 -15.61	51.59 -0.07 -15.49	41.60 0.33 -7.93	38.53 -0.16 -6.35	27.35 0.03 -0.02	22.80 0.11 -0.38	18.92 -0.09 -0.52
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.63 1.58 -5.42	20.39 1.25 -7.27	17.56 1.03 -6.44	15.98 1.00 -4.96	16.46 1.03 -5.37	16.28 1.12 -4.38	20.49 1.69 -2.43	21.81 2.11 0.00	23.55 2.35 0.00	26.39 2.68 0.00	28.85 2.88 0.00	31.70 3.12 0.00	34.33 3.40 0.00	36.94 3.72 0.00	40.79 3.93 -2.36	45.86 4.24 -4.05	51.19 4.33 -8.54	50.36 4.42 -6.11	40.93 4.09 -0.68	37.06 3.73 0.00	36.03 3.69 0.00	30.44 3.14 0.00	25.06 2.61 -0.15	23.21 2.00 -2.72
YORK___WARBASSE 23770	22.34 2.02 -5.69	21.04 1.61 -7.56	18.06 1.31 -6.66	16.42 1.27 -5.13	16.93 1.32 -5.55	16.72 1.40 -4.54	21.23 2.05 -2.81	27.02 2.62 -4.70	33.94 2.97 -9.77	39.76 3.42 -12.63	40.38 3.71 -10.70	40.32 4.06 -7.68	39.71 4.39 -4.39	40.42 4.81 -2.39	42.03 4.93 -2.60	47.17 5.15 -4.46	52.97 5.25 -9.40	51.85 5.30 -6.72	41.98 5.03 -0.78	40.00 4.73 -1.94	40.00 4.69 -2.97	40.00 3.99 -8.71	40.02 3.21 -14.51	30.98 2.53 -9.95