

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		11/22/2025																										
Name	PTID	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			
59TH STREET_GT_1 24138	EST	52.08	50.12	46.07	44.38	43.67	46.38	56.48	61.67	59.73	56.31	55.04	52.45	50.29	50.35	53.66	58.78	71.14	84.92	77.00	71.27	69.02	62.14	57.81	53.09			
		2.95	2.70	2.40	2.23	2.16	2.33	3.30	3.71	3.91	3.98	3.89	3.84	3.72	3.69	3.88	4.05	4.53	5.56	5.17	4.79	4.58	4.01	3.58	3.05			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EST	52.22	50.21	46.16	44.46	43.76	46.51	56.64	61.79	59.89	56.41	55.15	52.59	50.38	50.45	53.76	58.95	71.27	85.08	77.15	71.40	69.15	62.32	57.98	53.24			
		3.10	2.80	2.49	2.32	2.24	2.47	3.46	3.83	4.07	4.08	3.99	3.99	3.82	3.78	3.98	4.21	4.66	5.71	5.32	4.92	4.70	4.19	3.74	3.20			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EST	52.22	50.21	46.16	44.46	43.76	46.51	56.64	61.79	59.89	56.41	55.15	52.59	50.38	50.45	53.76	58.95	71.27	85.08	77.15	71.40	69.15	62.32	57.98	53.24			
		3.10	2.80	2.49	2.32	2.24	2.47	3.46	3.83	4.07	4.08	3.99	3.99	3.82	3.78	3.98	4.21	4.66	5.71	5.32	4.92	4.70	4.19	3.74	3.20			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	52.42	50.68	46.72	45.05	44.34	47.17	57.01	62.31	59.89	55.89	54.43	51.48	49.21	49.09	52.52	58.29	71.54	85.23	77.36	71.27	69.28	62.38	58.14	53.44			
		3.29	3.27	3.06	2.91	2.82	3.13	3.83	4.35	4.07	3.56	3.27	2.87	2.65	2.43	2.74	3.56	4.93	5.87	5.53	4.79	4.83	4.24	3.90	3.40			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EST	52.76	50.97	46.99	45.31	44.59	47.48	57.33	62.72	60.23	56.15	54.74	51.72	49.40	49.28	52.72	58.56	71.94	85.87	77.94	71.74	69.79	62.79	58.52	53.79			
		3.64	3.56	3.32	3.16	3.07	3.44	4.15	4.75	4.41	3.82	3.58	3.11	2.84	2.61	2.94	3.83	5.33	6.51	6.10	5.25	5.35	4.65	4.28	3.75			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EST	52.42	50.68	46.72	45.05	44.34	47.17	57.01	62.31	59.89	55.89	54.43	51.48	49.21	49.09	52.52	58.29	71.54	85.23	77.36	71.27	69.28	62.38	58.14	53.44			
		3.29	3.27	3.06	2.91	2.82	3.13	3.83	4.35	4.07	3.56	3.27	2.87	2.65	2.43	2.74	3.56	4.93	5.87	5.53	4.79	4.83	4.24	3.90	3.40			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EST	50.85	49.17	45.54	43.91	43.34	46.03	55.68	60.80	58.50	54.00	52.59	49.97	47.86	47.88	51.52	57.03	69.80	82.69	74.99	69.15	66.83	60.22	56.13	51.69			
		1.72	1.76	1.88	1.77	1.82	1.98	2.50	2.84	2.68	1.67	1.43	1.36	1.30	1.21	1.74	2.30	3.20	3.33	3.16	2.66	2.39	2.09	1.90	1.65			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EST	49.77	48.08	44.45	42.90	42.26	44.80	53.98	58.89	56.77	53.06	51.77	49.14	47.12	47.18	50.48	55.55	67.74	80.55	73.05	67.48	65.35	58.95	54.88	50.64			
		0.64	0.66	0.79	0.76	0.75	0.75	0.80	0.93	0.95	0.73	0.61	0.53	0.56	0.51	0.70	0.82	1.13	1.19	1.22	1.00	0.90	0.81	0.65	0.60			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EST	48.24	46.80	43.41	41.68	41.06	43.30	52.12	56.63	54.09	50.86	49.88	47.39	45.44	45.55	48.59	53.04	64.41	76.82	69.75	65.02	63.61	57.15	53.20	49.59			
		-0.88	-0.62	-0.26	-0.46	-0.46	-0.75	-1.06	-1.33	-1.73	-1.47	-1.28	-1.22	-1.12	-1.12	-1.19	-1.70	-2.20	-2.54	-2.08	-1.46	-0.84	-0.99	-1.03	-0.45			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833	EST	51.04	49.36	45.50	43.87	43.22	45.90	55.36	60.34	57.99	53.95	52.54	49.73	47.68	47.78	51.17	56.59	69.34	82.14	74.49	68.81	66.70	60.11	56.02	51.69			
		1.91	1.94	1.83	1.73	1.70	1.85	2.18	2.38	2.17	1.62	1.38	1.12	1.12	1.12	1.39	1.86	2.73	2.78	2.66	2.33	2.25	1.98	1.79	1.65			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EST	51.04	49.31	45.50	43.87	43.22	45.85	55.36	60.34	57.94	53.95	52.54	49.73	47.68	47.74	51.17	56.59	69.27	82.14	74.49	68.81	66.64	60.11	56.02	51.69			
		1.91	1.90	1.83	1.73	1.70	1.81	2.18	2.38	2.12	1.62	1.38	1.12	1.12	1.07	1.39	1.86	2.67	2.78	2.66	2.33	2.19	1.98	1.79	1.65			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EST	49.77	48.08	44.45	42.90	42.26	44.80	53.98	58.89	56.77	53.06	51.77	49.14	47.12	47.18	50.48	55.55	67.74	80.55	73.05	67.48	65.35	58.95	54.88	50.64			
		0.64	0.66	0.79	0.76	0.75	0.75	0.80	0.93	0.95	0.73	0.61	0.53	0.56	0.51	0.70	0.82	1.13	1.19	1.22	1.00	0.90	0.81	0.65	0.60			
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	49.77 0.64 0.00	48.08 0.66 0.00	44.45 0.79 0.00	42.90 0.76 0.00	42.26 0.75 0.00	44.80 0.75 0.00	53.98 0.80 0.00	58.89 0.93 0.00	56.77 0.95 0.00	53.06 0.73 0.00	51.77 0.61 0.00	49.14 0.53 0.00	47.12 0.56 0.00	47.18 0.51 0.00	50.48 0.70 0.00	55.55 0.82 0.00	67.74 1.13 0.00	80.55 1.19 0.00	73.05 1.22 0.00	67.48 1.00 0.00	65.35 0.90 0.00	58.95 0.81 0.00	54.88 0.65 0.00	50.64 0.60 0.00
ALBANY___3 23573	49.77 0.64 0.00	48.08 0.66 0.00	44.45 0.79 0.00	42.90 0.76 0.00	42.26 0.75 0.00	44.80 0.75 0.00	53.98 0.80 0.00	58.89 0.93 0.00	56.77 0.95 0.00	53.06 0.73 0.00	51.77 0.61 0.00	49.14 0.53 0.00	47.12 0.56 0.00	47.18 0.51 0.00	50.48 0.70 0.00	55.55 0.82 0.00	67.74 1.13 0.00	80.55 1.19 0.00	73.05 1.22 0.00	67.48 1.00 0.00	65.35 0.90 0.00	58.95 0.81 0.00	54.88 0.65 0.00	50.64 0.60 0.00
ALBANY___4 23574	49.77 0.64 0.00	48.08 0.66 0.00	44.45 0.79 0.00	42.90 0.76 0.00	42.26 0.75 0.00	44.80 0.75 0.00	53.98 0.80 0.00	58.89 0.93 0.00	56.77 0.95 0.00	53.06 0.73 0.00	51.77 0.61 0.00	49.14 0.53 0.00	47.12 0.56 0.00	47.18 0.51 0.00	50.48 0.70 0.00	55.55 0.82 0.00	67.74 1.13 0.00	80.55 1.19 0.00	73.05 1.22 0.00	67.48 1.00 0.00	65.35 0.90 0.00	58.95 0.81 0.00	54.88 0.65 0.00	50.64 0.60 0.00
ALBANY___LFGE 323615	50.21 1.08 0.00	48.50 1.09 0.00	44.80 1.13 0.00	43.24 1.09 0.00	42.59 1.08 0.00	45.19 1.14 0.00	54.45 1.27 0.00	59.41 1.45 0.00	57.27 1.45 0.00	53.48 1.15 0.00	52.23 1.08 0.00	49.58 0.97 0.00	47.54 0.98 0.00	47.60 0.93 0.00	50.93 1.15 0.00	56.10 1.37 0.00	68.41 1.80 0.00	81.35 1.98 0.00	73.77 1.94 0.00	68.15 1.66 0.00	65.99 1.54 0.00	59.47 1.34 0.00	55.42 1.19 0.00	51.14 1.10 0.00
ALCOA_PA_115KV_PL-6C 55860	48.59 -0.54 0.00	47.18 -0.24 0.00	43.71 0.04 0.00	41.98 -0.17 0.00	41.35 -0.17 0.00	43.56 -0.48 0.00	52.38 -0.80 0.00	56.92 -1.04 0.00	54.37 -1.45 0.00	51.07 -1.26 0.00	50.08 -1.07 0.00	47.59 -1.02 0.00	45.63 -0.93 0.00	45.78 -0.89 0.00	48.84 -0.95 0.00	53.25 -1.48 0.00	64.74 -1.87 0.00	77.22 -2.14 0.00	70.11 -1.72 0.00	65.35 -1.13 0.00	63.93 -0.52 0.00	57.44 -0.70 0.00	53.53 -0.71 0.00	49.94 -0.10 0.00
ALCOA_RYNLDS___DRP 24188	48.59 -0.54 0.00	47.18 -0.24 0.00	43.71 0.04 0.00	41.98 -0.17 0.00	41.35 -0.17 0.00	43.56 -0.48 0.00	52.38 -0.80 0.00	56.92 -1.04 0.00	54.37 -1.45 0.00	51.07 -1.26 0.00	50.08 -1.07 0.00	47.59 -1.02 0.00	45.63 -0.93 0.00	45.78 -0.89 0.00	48.84 -0.95 0.00	53.25 -1.48 0.00	64.74 -1.87 0.00	77.22 -2.14 0.00	70.11 -1.72 0.00	65.35 -1.13 0.00	63.93 -0.52 0.00	57.44 -0.70 0.00	53.53 -0.71 0.00	49.94 -0.10 0.00
ALCOA___DSASP 323711	48.59 -0.54 0.00	47.18 -0.24 0.00	43.71 0.04 0.00	41.98 -0.17 0.00	41.35 -0.17 0.00	43.56 -0.48 0.00	52.38 -0.80 0.00	56.92 -1.04 0.00	54.37 -1.45 0.00	51.07 -1.26 0.00	50.08 -1.07 0.00	47.59 -1.02 0.00	45.63 -0.93 0.00	45.78 -0.89 0.00	48.84 -0.95 0.00	53.25 -1.48 0.00	64.74 -1.87 0.00	77.22 -2.14 0.00	70.11 -1.72 0.00	65.35 -1.13 0.00	63.93 -0.52 0.00	57.44 -0.70 0.00	53.53 -0.71 0.00	49.94 -0.10 0.00
ALLEGHENY___COGEN 23514	51.24 2.11 0.00	48.98 1.56 0.00	45.02 1.36 0.00	43.58 1.43 0.00	42.88 1.37 0.00	45.94 1.89 0.00	54.62 1.44 0.00	59.18 1.22 0.00	56.38 0.56 0.00	52.80 0.47 0.00	51.61 0.46 0.00	48.80 0.20 0.00	46.70 0.14 0.00	46.90 0.23 0.00	49.83 0.05 0.00	54.62 -0.11 0.00	66.94 0.33 0.00	81.11 1.74 0.00	73.13 1.29 0.00	67.88 1.40 0.00	65.80 1.36 0.00	59.36 1.22 0.00	55.81 1.57 0.00	51.84 1.80 0.00
ALTAMONT_115KV_TB 2 55880	50.01 0.88 0.00	48.31 0.90 0.00	44.58 0.92 0.00	42.99 0.84 0.00	42.35 0.83 0.00	44.93 0.88 0.00	54.30 1.12 0.00	59.18 1.22 0.00	57.05 1.23 0.00	53.32 0.99 0.00	52.03 0.87 0.00	49.43 0.83 0.00	47.40 0.84 0.00	47.46 0.79 0.00	50.73 0.95 0.00	55.83 1.09 0.00	68.01 1.40 0.00	80.95 1.59 0.00	73.34 1.51 0.00	67.81 1.33 0.00	65.73 1.29 0.00	59.24 1.10 0.00	55.21 0.98 0.00	50.89 0.85 0.00
ALTONA_WT_PWR 323606	48.19 -0.93 0.00	46.80 -0.62 0.00	43.41 -0.26 0.00	41.68 -0.46 0.00	41.10 -0.42 0.00	43.34 -0.71 0.00	52.22 -0.96 0.00	56.74 -1.22 0.00	54.26 -1.56 0.00	50.97 -1.36 0.00	49.93 -1.23 0.00	47.39 -1.21 0.00	45.40 -1.16 0.00	45.45 -1.21 0.00	48.49 -1.29 0.00	52.93 -1.80 0.00	64.41 -2.20 0.00	76.90 -2.46 0.00	69.96 -1.87 0.00	65.22 -1.27 0.00	63.80 -0.64 0.00	57.32 -0.81 0.00	53.36 -0.87 0.00	49.04 -1.00 0.00
AMERICAN_REF_FUEL 24010	48.73 -0.39 0.00	45.94 -1.47 0.00	42.79 -0.87 0.00	41.43 -0.72 0.00	40.73 -0.79 0.00	43.69 -0.35 0.00	50.84 -2.34 0.00	54.43 -3.54 0.00	52.02 -3.80 0.00	49.45 -2.88 0.00	49.01 -2.15 0.00	46.52 -2.09 0.00	44.37 -2.19 0.00	44.61 -2.05 0.00	47.19 -2.59 0.00	51.29 -3.45 0.00	61.68 -4.93 0.00	74.12 -5.24 0.00	66.30 -5.53 0.00	61.23 -5.25 0.00	59.48 -4.96 0.00	54.06 -4.07 0.00	51.30 -2.93 0.00	48.69 -1.35 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	50.26 1.13 0.00	48.17 0.76 0.00	44.19 0.53 0.00	42.73 0.59 0.00	42.05 0.54 0.00	45.10 1.06 0.00	53.34 0.16 0.00	57.79 -0.17 0.00	55.04 -0.78 0.00	52.33 0.00 0.00	51.92 0.77 0.00	49.19 0.59 0.00	46.89 0.33 0.00	47.18 0.51 0.00	49.68 -0.10 0.00	54.02 -0.71 0.00	65.28 -1.33 0.00	78.65 -0.72 0.00	69.96 -1.87 0.00	64.55 -1.93 0.00	62.71 -1.74 0.00	56.68 -1.45 0.00	53.58 -0.65 0.00	50.09 0.05 0.00
ARTHUR KILL_GT_1 23520	52.97 3.83 -0.01	50.98 3.56 -0.01	46.81 3.14 0.00	45.09 2.95 0.00	44.34 2.82 0.00	47.04 3.00 0.00	57.17 3.99 0.00	62.25 4.29 0.00	60.23 4.41 0.00	56.78 4.45 0.00	55.45 4.30 0.00	52.93 4.33 0.00	50.70 4.14 0.00	50.82 4.15 0.00	54.21 4.43 0.00	59.44 4.71 0.00	71.74 5.13 0.00	85.87 6.51 0.00	77.87 6.03 0.00	72.14 5.65 0.00	70.00 5.54 -0.01	63.07 4.94 0.00	58.80 4.56 -0.01	54.00 3.95 -0.01
ARTHUR_KILL_2 23512	52.82 3.69 -0.01	50.84 3.42 -0.01	46.68 3.01 0.00	44.97 2.82 0.00	44.25 2.74 0.00	46.91 2.86 0.00	57.01 3.83 0.00	62.08 4.12 0.00	60.12 4.30 0.00	56.62 4.29 0.00	55.35 4.20 0.00	52.79 4.18 0.00	50.61 4.05 0.00	50.72 4.06 0.00	54.06 4.28 0.00	59.27 4.54 0.00	71.54 4.93 0.00	85.56 6.19 0.00	77.65 5.82 0.00	71.87 5.38 0.00	69.74 5.29 -0.01	62.90 4.77 0.00	58.63 4.39 -0.01	53.90 3.85 -0.01
ARTHUR_KILL_3 23513	51.68 2.55 0.00	49.74 2.32 0.00	45.68 2.01 0.00	44.04 1.90 0.00	43.34 1.82 0.00	46.07 2.03 0.00	56.10 2.92 0.00	61.27 3.30 0.00	59.34 3.52 0.00	55.89 3.56 0.00	54.68 3.53 0.00	52.11 3.50 0.00	49.96 3.40 0.00	50.03 3.36 0.00	53.32 3.53 0.00	58.40 3.67 0.00	70.60 4.00 0.00	84.20 4.84 0.00	76.43 4.60 0.00	70.74 4.26 0.00	68.51 4.06 0.00	61.80 3.66 0.00	57.43 3.20 0.00	52.74 2.70 0.00

ARTHUR_KILL_COGEN 323718	52.97 3.83 -0.01	50.98 3.56 -0.01	46.81 3.15 0.00	45.09 2.95 0.00	44.34 2.82 0.00	47.04 3.00 0.00	57.17 3.99 0.00	62.25 4.29 0.00	60.23 4.41 0.00	56.73 4.40 0.00	55.45 4.30 0.00	52.93 4.32 0.00	50.70 4.14 0.00	50.82 4.15 0.00	54.21 4.43 0.00	59.44 4.71 0.00	71.81 5.20 0.00	85.79 6.43 0.00	77.87 6.03 0.00	72.07 5.59 0.00	69.93 5.47 -0.01	63.07 4.94 0.00	58.80 4.56 -0.01	54.05 4.00 -0.01
ASHOKAN____ 23654	51.53 2.41 0.00	49.64 2.23 0.00	45.59 1.92 0.00	43.91 1.77 0.00	43.26 1.74 0.00	45.98 1.94 0.00	55.78 2.61 0.00	60.98 3.01 0.00	58.83 3.01 0.00	54.84 2.51 0.00	52.99 1.84 0.00	49.82 1.22 0.00	47.91 1.35 0.00	47.93 1.26 0.00	51.37 1.59 0.00	56.87 2.13 0.00	69.87 3.26 0.00	83.09 3.73 0.00	75.42 3.59 0.00	69.74 3.26 0.00	67.35 2.90 0.00	60.92 2.79 0.00	56.84 2.60 0.00	52.29 2.25 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.92 2.80 0.01	49.92 2.51 0.01	45.84 2.18 0.01	44.20 2.06 0.01	43.46 1.95 0.01	46.20 2.16 0.01	56.25 3.08 0.01	61.32 3.36 0.01	59.49 3.68 0.01	56.09 3.77 0.01	54.83 3.69 0.01	52.39 3.79 0.01	50.28 3.73 0.01	50.30 3.64 0.01	53.61 3.83 0.01	58.72 3.99 0.01	70.60 4.00 0.01	84.28 4.92 0.01	76.49 4.67 0.01	70.80 4.32 0.01	68.62 4.19 0.01	61.96 3.84 0.01	57.70 3.47 0.01	52.98 2.95 0.01
ASTORIA_EAST_ENERGY_CC2 323582	51.92 2.80 0.01	49.92 2.51 0.01	45.84 2.18 0.01	44.16 2.02 0.01	43.46 1.95 0.01	46.15 2.11 0.01	56.20 3.03 0.01	61.26 3.30 0.01	59.49 3.68 0.01	56.09 3.77 0.01	54.83 3.69 0.01	52.39 3.79 0.01	50.28 3.73 0.01	50.30 3.64 0.01	53.61 3.83 0.01	58.72 3.99 0.01	70.53 3.93 0.01	84.20 4.84 0.01	76.43 4.60 0.01	70.74 4.26 0.01	68.62 4.19 0.01	61.90 3.78 0.01	57.64 3.42 0.01	52.93 2.90 0.01
ASTORIA_GT2_1 24094	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
ASTORIA_GT2_2 24095	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
ASTORIA_GT2_3 24096	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
ASTORIA_GT2_4 24097	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
ASTORIA_GT3_1 24098	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
ASTORIA_GT3_2 24099	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
ASTORIA_GT3_3 24100	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
ASTORIA_GT3_4 24101	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
ASTORIA_GT4_1 24102	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
ASTORIA_GT4_2 24103	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
ASTORIA_GT4_3 24104	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00

ASTORIA_GT4_4 24105	51.93 2.80 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.15 3.82 0.00	54.84 3.68 0.00	52.40 3.79 0.00	50.29 3.72 0.00	50.31 3.64 0.00	53.61 3.83 0.00	58.73 4.00 0.00	70.60 4.00 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
ASTORIA_GT_1 23523	52.03 2.90 0.00	50.02 2.61 0.00	45.98 2.31 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.37 3.19 0.00	61.44 3.48 0.00	59.62 3.80 0.00	56.20 3.87 0.00	54.94 3.79 0.00	52.50 3.89 0.00	50.38 3.82 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.84 4.10 0.00	70.74 4.13 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.45 0.00	68.83 4.38 0.00	62.03 3.89 0.00	57.81 3.58 0.00	53.04 3.00 0.00
ASTORIA_GT_10 24110	52.17 3.05 0.00	50.21 2.80 0.00	46.16 2.49 0.00	44.42 2.28 0.00	43.72 2.20 0.00	46.42 2.38 0.00	56.53 3.35 0.00	61.62 3.65 0.00	59.78 3.96 0.00	56.31 3.98 0.00	55.09 3.94 0.00	52.50 3.89 0.00	50.33 3.77 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.89 4.16 0.00	70.94 4.33 0.00	84.76 5.40 0.00	76.86 5.03 0.00	71.14 4.65 0.00	68.96 4.51 0.00	62.20 4.07 0.00	57.98 3.74 0.00	53.19 3.15 0.00
ASTORIA_GT_11 24225	52.17 3.05 0.00	50.21 2.80 0.00	46.16 2.49 0.00	44.42 2.28 0.00	43.72 2.20 0.00	46.42 2.38 0.00	56.53 3.35 0.00	61.62 3.65 0.00	59.78 3.96 0.00	56.31 3.98 0.00	55.09 3.94 0.00	52.50 3.89 0.00	50.33 3.77 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.89 4.16 0.00	70.94 4.33 0.00	84.76 5.40 0.00	76.86 5.03 0.00	71.14 4.65 0.00	68.96 4.51 0.00	62.20 4.07 0.00	57.98 3.74 0.00	53.19 3.15 0.00
ASTORIA_GT_12 24226	52.17 3.05 0.00	50.21 2.80 0.00	46.16 2.49 0.00	44.42 2.28 0.00	43.72 2.20 0.00	46.42 2.38 0.00	56.53 3.35 0.00	61.62 3.65 0.00	59.78 3.96 0.00	56.31 3.98 0.00	55.09 3.94 0.00	52.50 3.89 0.00	50.33 3.77 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.89 4.16 0.00	70.94 4.33 0.00	84.76 5.40 0.00	76.86 5.03 0.00	71.14 4.65 0.00	68.96 4.51 0.00	62.20 4.07 0.00	57.98 3.74 0.00	53.19 3.15 0.00
ASTORIA_GT_13 24227	52.17 3.05 0.00	50.21 2.80 0.00	46.16 2.49 0.00	44.42 2.28 0.00	43.72 2.20 0.00	46.42 2.38 0.00	56.53 3.35 0.00	61.62 3.65 0.00	59.78 3.96 0.00	56.31 3.98 0.00	55.09 3.94 0.00	52.50 3.89 0.00	50.33 3.77 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.89 4.16 0.00	70.94 4.33 0.00	84.76 5.40 0.00	76.86 5.03 0.00	71.14 4.65 0.00	68.96 4.51 0.00	62.20 4.07 0.00	57.98 3.74 0.00	53.19 3.15 0.00
ASTORIA_GT_5 24106	52.03 2.90 0.00	50.02 2.61 0.00	45.98 2.31 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.37 3.19 0.00	61.44 3.48 0.00	59.62 3.80 0.00	56.20 3.87 0.00	54.94 3.79 0.00	52.50 3.89 0.00	50.38 3.82 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.84 4.10 0.00	70.74 4.13 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.45 0.00	68.83 4.38 0.00	62.03 3.89 0.00	57.81 3.58 0.00	53.04 3.00 0.00
ASTORIA_GT_7 24107	52.03 2.90 0.00	50.02 2.61 0.00	45.98 2.31 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.37 3.19 0.00	61.44 3.48 0.00	59.62 3.80 0.00	56.20 3.87 0.00	54.94 3.79 0.00	52.50 3.89 0.00	50.38 3.82 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.84 4.10 0.00	70.74 4.13 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.45 0.00	68.83 4.38 0.00	62.03 3.89 0.00	57.81 3.58 0.00	53.04 3.00 0.00
ASTORIA_GT_8 24108	52.03 2.90 0.00	50.02 2.61 0.00	45.98 2.31 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.37 3.19 0.00	61.44 3.48 0.00	59.62 3.80 0.00	56.20 3.87 0.00	54.94 3.79 0.00	52.50 3.89 0.00	50.38 3.82 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.84 4.10 0.00	70.74 4.13 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.45 0.00	68.83 4.38 0.00	62.03 3.89 0.00	57.81 3.58 0.00	53.04 3.00 0.00
ASTORIA___2 24149	51.92 2.80 0.01	49.92 2.51 0.01	45.84 2.18 0.01	44.20 2.06 0.01	43.46 1.95 0.01	46.20 2.16 0.01	56.25 3.08 0.01	61.32 3.36 0.01	59.49 3.68 0.01	56.09 3.77 0.01	54.83 3.69 0.01	52.39 3.79 0.01	50.28 3.73 0.01	50.30 3.64 0.01	53.61 3.83 0.01	58.72 3.99 0.01	70.60 4.00 0.01	84.28 4.92 0.01	76.49 4.67 0.01	70.80 4.32 0.01	68.62 4.19 0.01	61.96 3.84 0.01	57.70 3.47 0.01	52.98 2.95 0.01
ASTORIA___3 23516	52.18 3.05 0.00	50.21 2.80 0.00	46.11 2.44 0.00	44.42 2.27 0.00	43.71 2.20 0.00	46.42 2.38 0.00	56.53 3.35 0.00	61.62 3.65 0.00	59.78 3.96 0.00	56.30 3.98 0.00	55.09 3.94 0.00	52.50 3.89 0.00	50.33 3.77 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.89 4.16 0.00	70.93 4.33 0.00	84.68 5.32 0.00	76.86 5.03 0.00	71.14 4.65 0.00	68.96 4.51 0.00	62.20 4.07 0.00	57.97 3.74 0.00	53.24 3.21 0.00
ASTORIA___4 23517	52.17 3.05 0.00	50.21 2.80 0.00	46.16 2.49 0.00	44.42 2.28 0.00	43.72 2.20 0.00	46.42 2.38 0.00	56.53 3.35 0.00	61.62 3.65 0.00	59.78 3.96 0.00	56.31 3.98 0.00	55.09 3.94 0.00	52.50 3.89 0.00	50.33 3.77 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.89 4.16 0.00	70.94 4.33 0.00	84.76 5.40 0.00	76.86 5.03 0.00	71.14 4.65 0.00	68.96 4.51 0.00	62.20 4.07 0.00	57.98 3.74 0.00	53.19 3.15 0.00
ASTORIA___5 23518	52.18 3.05 0.00	50.21 2.80 0.00	46.11 2.44 0.00	44.42 2.27 0.00	43.71 2.20 0.00	46.42 2.38 0.00	56.53 3.35 0.00	61.62 3.65 0.00	59.78 3.96 0.00	56.30 3.98 0.00	55.09 3.94 0.00	52.50 3.89 0.00	50.33 3.77 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.89 4.16 0.00	70.93 4.33 0.00	84.68 5.32 0.00	76.86 5.03 0.00	71.14 4.65 0.00	68.96 4.51 0.00	62.20 4.07 0.00	57.97 3.74 0.00	53.24 3.21 0.00
AST_ENERGY_2_CC3 323677	51.33 2.21 0.01	49.35 1.94 0.01	45.32 1.66 0.01	43.65 1.51 0.01	42.96 1.45 0.01	45.67 1.63 0.01	55.62 2.45 0.01	60.62 2.67 0.01	58.82 3.01 0.01	55.46 3.14 0.01	54.22 3.07 0.01	51.81 3.21 0.01	49.72 3.17 0.01	49.74 3.08 0.01	53.01 3.23 0.01	58.06 3.34 0.01	69.80 3.20 0.01	83.32 3.97 0.01	75.63 3.80 0.01	70.00 3.52 0.01	67.92 3.48 0.01	61.26 3.14 0.01	57.04 2.82 0.01	52.38 2.35 0.01
AST_ENERGY_2_CC4 323678	51.33 2.21 0.01	49.35 1.94 0.01	45.32 1.66 0.01	43.65 1.51 0.01	42.96 1.45 0.01	45.67 1.63 0.01	55.62 2.45 0.01	60.62 2.67 0.01	58.82 3.01 0.01	55.46 3.14 0.01	54.22 3.07 0.01	51.81 3.21 0.01	49.72 3.17 0.01	49.74 3.08 0.01	53.01 3.23 0.01	58.06 3.34 0.01	69.80 3.20 0.01	83.32 3.97 0.01	75.63 3.80 0.01	70.00 3.52 0.01	67.92 3.48 0.01	61.26 3.14 0.01	57.04 2.82 0.01	52.38 2.35 0.01

ATHENS_STG_1 23668	50.46 1.33 0.00	48.74 1.33 0.00	44.89 1.22 0.00	43.28 1.14 0.00	42.64 1.12 0.00	45.19 1.14 0.00	54.77 1.59 0.00	59.70 1.74 0.00	57.66 1.84 0.00	54.05 1.72 0.00	52.79 1.64 0.00	50.21 1.60 0.00	48.10 1.53 0.00	48.20 1.54 0.00	51.48 1.69 0.00	56.54 1.80 0.00	68.74 2.13 0.00	81.83 2.46 0.00	74.13 2.30 0.00	68.61 2.13 0.00	66.45 2.00 0.00	59.94 1.80 0.00	55.81 1.57 0.00	51.44 1.40 0.00
ATHENS_STG_2 23670	50.46 1.33 0.00	48.74 1.33 0.00	44.89 1.22 0.00	43.28 1.14 0.00	42.64 1.12 0.00	45.19 1.14 0.00	54.77 1.59 0.00	59.70 1.74 0.00	57.66 1.84 0.00	54.05 1.72 0.00	52.79 1.64 0.00	50.21 1.60 0.00	48.10 1.53 0.00	48.20 1.54 0.00	51.48 1.69 0.00	56.54 1.80 0.00	68.74 2.13 0.00	81.83 2.46 0.00	74.13 2.30 0.00	68.61 2.13 0.00	66.45 2.00 0.00	59.94 1.80 0.00	55.81 1.57 0.00	51.44 1.40 0.00
ATHENS_STG_3 23677	50.46 1.33 0.00	48.74 1.33 0.00	44.89 1.22 0.00	43.28 1.14 0.00	42.64 1.12 0.00	45.19 1.14 0.00	54.77 1.59 0.00	59.70 1.74 0.00	57.66 1.84 0.00	54.05 1.72 0.00	52.79 1.64 0.00	50.21 1.60 0.00	48.10 1.53 0.00	48.20 1.54 0.00	51.48 1.69 0.00	56.54 1.80 0.00	68.74 2.13 0.00	81.83 2.46 0.00	74.13 2.30 0.00	68.61 2.13 0.00	66.45 2.00 0.00	59.94 1.80 0.00	55.81 1.57 0.00	51.44 1.40 0.00
AUBURN____LFGE 323710	48.93 -0.20 0.00	47.13 -0.28 0.00	43.32 -0.35 0.00	41.85 -0.30 0.00	41.27 -0.25 0.00	43.87 -0.18 0.00	52.81 -0.37 0.00	57.50 -0.46 0.00	55.26 -0.56 0.00	51.91 -0.42 0.00	50.85 -0.31 0.00	48.22 -0.39 0.00	46.24 -0.33 0.00	46.34 -0.33 0.00	49.38 -0.40 0.00	54.24 -0.49 0.00	66.14 -0.47 0.00	79.04 -0.32 0.00	71.40 -0.43 0.00	66.09 -0.40 0.00	64.06 -0.39 0.00	57.73 -0.41 0.00	53.96 -0.27 0.00	49.84 -0.20 0.00
BABYLON_RES_REC 323704	53.35 4.23 0.00	50.92 3.51 0.00	46.77 3.10 0.00	45.01 2.87 0.00	44.30 2.78 0.00	47.13 3.08 0.00	57.54 4.36 0.00	61.85 3.88 0.00	60.29 4.47 0.00	57.57 5.23 -0.01	56.23 5.07 -0.01	53.48 4.86 -0.01	51.23 4.66 -0.01	51.34 4.67 -0.01	54.82 5.03 -0.01	60.00 5.25 -0.01	71.94 5.33 0.00	85.23 5.87 0.00	78.08 6.25 0.00	72.07 5.59 0.00	68.96 4.51 0.00	62.38 4.24 0.00	58.68 4.45 0.00	54.39 4.35 0.00
BALL_HILL_WT_PWR 323825	49.72 0.59 0.00	47.65 0.24 0.00	43.76 0.09 0.00	42.31 0.17 0.00	41.64 0.12 0.00	44.66 0.62 0.00	52.81 -0.37 0.00	57.15 -0.81 0.00	54.48 -1.34 0.00	51.75 -0.57 0.00	51.26 0.10 0.00	48.66 0.05 0.00	46.38 -0.19 0.00	46.67 0.00 0.00	49.19 -0.60 0.00	53.48 -1.26 0.00	64.61 -2.00 0.00	77.78 -1.59 0.00	68.96 -2.88 0.00	63.69 -2.79 0.00	61.87 -2.58 0.00	56.04 -2.09 0.00	52.99 -1.25 0.00	49.74 -0.30 0.00
BARON_WINDS____WT_PWR 323822	49.47 0.35 0.00	47.51 0.10 0.00	43.67 0.00 0.00	42.23 0.08 0.00	41.56 0.04 0.00	44.44 0.40 0.00	52.86 -0.32 0.00	57.27 -0.69 0.00	54.64 -1.17 0.00	51.60 -0.73 0.00	50.80 -0.36 0.00	48.17 -0.44 0.00	46.10 -0.47 0.00	46.39 -0.28 0.00	49.13 -0.65 0.00	53.58 -1.15 0.00	65.08 -1.53 0.00	77.94 -1.43 0.00	70.18 -1.65 0.00	64.96 -1.53 0.00	63.09 -1.36 0.00	57.09 -1.04 0.00	53.64 -0.60 0.00	50.14 0.10 0.00
BARRETT_IC_1 23704	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT_IC_10 23701	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT_IC_11 23702	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT_IC_12 23703	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT_IC_2 23705	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT_IC_3 23706	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT_IC_4 23707	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT_IC_5 23708	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00

BARRETT_IC_6 23709	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT_IC_7 23710	52.86 3.73 0.00	50.54 3.13 0.00	46.46 2.79 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.11 3.94 0.00	61.33 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.33 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.84 5.48 0.00	77.08 5.24 0.00	71.34 4.85 0.00	68.38 3.93 0.00	61.74 3.60 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT_IC_8 23711	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT_IC_9 23700	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT___1 23545	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BARRETT___2 23546	52.86 3.73 0.00	50.54 3.13 0.00	46.42 2.75 0.00	44.67 2.53 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.01 3.83 0.00	61.32 3.36 0.00	59.73 3.91 0.00	57.05 4.71 -0.01	55.67 4.50 -0.01	52.95 4.32 -0.02	50.72 4.14 -0.02	50.83 4.15 -0.02	54.12 4.33 -0.01	59.28 4.54 -0.01	71.07 4.46 0.00	84.28 4.92 0.00	77.07 5.24 0.00	71.21 4.72 0.00	68.25 3.80 0.00	61.74 3.61 0.00	58.08 3.85 0.00	53.79 3.75 0.00
BATAVIA__115KV_TB1 55881	49.96 0.84 0.00	47.41 0.00 0.00	43.76 0.09 0.00	42.44 0.30 0.00	41.72 0.21 0.00	44.80 0.75 0.00	52.43 -0.74 0.00	56.51 -1.45 0.00	54.09 -1.73 0.00	51.02 -1.31 0.00	50.64 -0.51 0.00	48.07 -0.53 0.00	45.82 -0.74 0.00	46.01 -0.65 0.00	48.79 -1.00 0.00	53.15 -1.59 0.00	64.34 -2.26 0.00	77.38 -1.98 0.00	69.39 -2.44 0.00	64.22 -2.26 0.00	62.25 -2.19 0.00	56.45 -1.69 0.00	53.37 -0.87 0.00	50.09 0.05 0.00
BAYONEEC___CTG1 323682	51.88 2.75 0.00	49.92 2.51 0.00	45.89 2.23 0.00	44.21 2.06 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.26 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.56 3.83 0.00	70.81 4.20 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.46 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00
BAYONEEC___CTG10 323750	51.88 2.75 0.00	49.92 2.51 0.00	45.89 2.23 0.00	44.21 2.06 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.26 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.56 3.83 0.00	70.81 4.20 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.46 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00
BAYONEEC___CTG2 323683	51.88 2.75 0.00	49.92 2.51 0.00	45.89 2.23 0.00	44.21 2.06 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.26 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.56 3.83 0.00	70.81 4.20 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.46 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00
BAYONEEC___CTG3 323684	51.88 2.75 0.00	49.92 2.51 0.00	45.89 2.23 0.00	44.21 2.06 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.26 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.56 3.83 0.00	70.81 4.20 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.46 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00
BAYONEEC___CTG4 323685	51.88 2.75 0.00	49.92 2.51 0.00	45.89 2.23 0.00	44.21 2.06 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.26 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.56 3.83 0.00	70.81 4.20 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.46 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00
BAYONEEC___CTG5 323686	51.88 2.75 0.00	49.92 2.51 0.00	45.89 2.23 0.00	44.21 2.06 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.26 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.56 3.83 0.00	70.81 4.20 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.46 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00
BAYONEEC___CTG6 323687	51.88 2.75 0.00	49.92 2.51 0.00	45.89 2.23 0.00	44.21 2.06 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.26 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.56 3.83 0.00	70.81 4.20 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.46 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00
BAYONEEC___CTG7 323688	51.88 2.75 0.00	49.92 2.51 0.00	45.89 2.23 0.00	44.21 2.06 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.26 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.56 3.83 0.00	70.81 4.20 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.46 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00

BAYONEEC___CTG8 323689	51.88 2.75 0.00	49.92 2.51 0.00	45.89 2.23 0.00	44.21 2.06 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.26 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.56 3.83 0.00	70.81 4.20 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.46 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00
BAYONEEC___CTG9 323749	51.88 2.75 0.00	49.92 2.51 0.00	45.89 2.23 0.00	44.21 2.06 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.26 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.56 3.83 0.00	70.81 4.20 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.46 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00
BEACON___LESR 323632	50.50 1.37 0.00	48.74 1.33 0.00	45.06 1.40 0.00	43.45 1.31 0.00	42.84 1.33 0.00	45.46 1.41 0.00	54.83 1.65 0.00	59.82 1.85 0.00	57.66 1.84 0.00	53.85 1.52 0.00	52.54 1.38 0.00	49.82 1.22 0.00	47.77 1.21 0.00	47.83 1.17 0.00	51.13 1.34 0.00	56.37 1.64 0.00	68.87 2.27 0.00	81.98 2.62 0.00	74.28 2.44 0.00	68.61 2.13 0.00	66.45 2.00 0.00	59.88 1.74 0.00	55.81 1.57 0.00	51.44 1.40 0.00
BEAVER RIVER___HYD 24048	48.69 -0.44 0.00	47.03 -0.38 0.00	43.27 -0.39 0.00	41.64 -0.50 0.00	40.85 -0.67 0.00	43.17 -0.88 0.00	51.80 -1.38 0.00	56.63 -1.33 0.00	54.26 -1.56 0.00	50.71 -1.62 0.00	49.52 -1.64 0.00	47.05 -1.56 0.00	45.12 -1.44 0.00	45.22 -1.45 0.00	48.24 -1.54 0.00	53.37 -1.37 0.00	65.47 -1.13 0.00	78.49 -0.87 0.00	71.26 -0.58 0.00	66.09 -0.40 0.00	64.84 0.39 0.00	58.25 0.12 0.00	54.34 0.11 0.00	50.09 0.05 0.00
BEEBEE_GT_13 23619	49.03 -0.10 0.00	47.03 -0.38 0.00	43.14 -0.52 0.00	41.77 -0.38 0.00	41.10 -0.42 0.00	43.91 -0.13 0.00	52.17 -1.01 0.00	56.57 -1.39 0.00	54.31 -1.51 0.00	51.23 -1.10 0.00	50.64 -0.51 0.00	48.12 -0.49 0.00	45.96 -0.61 0.00	46.11 -0.56 0.00	48.98 -0.80 0.00	53.42 -1.31 0.00	64.88 -1.73 0.00	77.77 -1.59 0.00	69.75 -2.08 0.00	64.62 -1.86 0.00	62.64 -1.80 0.00	56.68 -1.45 0.00	53.31 -0.92 0.00	49.54 -0.50 0.00
BENSHRST_27_KV_BENSHRST_1 355998	52.77 3.64 -0.01	50.74 3.32 -0.01	46.59 2.93 0.00	44.88 2.74 0.00	44.13 2.62 0.00	46.87 2.82 0.00	57.01 3.83 0.00	62.14 4.17 0.00	60.23 4.41 0.00	56.78 4.45 0.00	55.50 4.35 0.00	52.93 4.33 0.00	50.75 4.19 0.00	50.82 4.15 0.00	54.16 4.38 0.00	59.38 4.65 0.00	71.67 5.06 0.00	85.71 6.35 0.00	77.72 5.89 0.00	71.94 5.45 0.00	69.80 5.35 -0.01	62.90 4.77 0.00	58.58 4.34 -0.01	53.80 3.75 -0.01
BETHLEHEM___GRP 23843	49.77 0.64 0.00	48.08 0.66 0.00	44.45 0.79 0.00	42.90 0.76 0.00	42.26 0.75 0.00	44.80 0.75 0.00	53.98 0.80 0.00	58.89 0.93 0.00	56.77 0.95 0.00	53.06 0.73 0.00	51.77 0.61 0.00	49.14 0.53 0.00	47.12 0.56 0.00	47.18 0.51 0.00	50.48 0.70 0.00	55.55 0.82 0.00	67.74 1.13 0.00	80.55 1.19 0.00	73.05 1.22 0.00	67.48 1.00 0.00	65.35 0.90 0.00	58.95 0.81 0.00	54.88 0.65 0.00	50.64 0.60 0.00
BETHLEHEM___GS1 323560	49.77 0.64 0.00	48.08 0.66 0.00	44.45 0.79 0.00	42.90 0.76 0.00	42.26 0.75 0.00	44.79 0.75 0.00	53.98 0.80 0.00	58.89 0.92 0.00	56.77 0.95 0.00	53.01 0.68 0.00	51.77 0.62 0.00	49.14 0.54 0.00	47.12 0.56 0.00	47.18 0.51 0.00	50.48 0.70 0.00	55.55 0.82 0.00	67.74 1.13 0.00	80.55 1.19 0.00	73.05 1.22 0.00	67.48 1.00 0.00	65.35 0.90 0.00	58.95 0.81 0.00	54.89 0.65 0.00	50.64 0.60 0.00
BETHLEHEM___GS2 323561	49.77 0.64 0.00	48.08 0.66 0.00	44.45 0.79 0.00	42.90 0.76 0.00	42.26 0.75 0.00	44.79 0.75 0.00	53.98 0.80 0.00	58.89 0.92 0.00	56.77 0.95 0.00	53.01 0.68 0.00	51.77 0.62 0.00	49.14 0.54 0.00	47.12 0.56 0.00	47.18 0.51 0.00	50.48 0.70 0.00	55.55 0.82 0.00	67.74 1.13 0.00	80.55 1.19 0.00	73.05 1.22 0.00	67.48 1.00 0.00	65.35 0.90 0.00	58.95 0.81 0.00	54.89 0.65 0.00	50.64 0.60 0.00
BETHLEHEM___GS3 323562	49.77 0.64 0.00	48.08 0.66 0.00	44.45 0.79 0.00	42.90 0.76 0.00	42.26 0.75 0.00	44.79 0.75 0.00	53.98 0.80 0.00	58.89 0.92 0.00	56.77 0.95 0.00	53.01 0.68 0.00	51.77 0.62 0.00	49.14 0.54 0.00	47.12 0.56 0.00	47.18 0.51 0.00	50.48 0.70 0.00	55.55 0.82 0.00	67.74 1.13 0.00	80.55 1.19 0.00	73.05 1.22 0.00	67.48 1.00 0.00	65.35 0.90 0.00	58.95 0.81 0.00	54.89 0.65 0.00	50.64 0.60 0.00
BETHLEHEM___STEEL 23779	49.28 0.15 0.00	47.13 -0.28 0.00	43.23 -0.44 0.00	41.89 -0.25 0.00	41.22 -0.29 0.00	44.22 0.18 0.00	51.96 -1.22 0.00	56.17 -1.80 0.00	53.64 -2.18 0.00	50.81 -1.52 0.00	50.49 -0.67 0.00	47.88 -0.73 0.00	45.72 -0.84 0.00	46.01 -0.65 0.00	48.59 -1.19 0.00	52.82 -1.92 0.00	63.68 -2.93 0.00	76.35 -3.02 0.00	68.60 -3.23 0.00	63.29 -3.19 0.00	61.48 -2.96 0.00	55.81 -2.33 0.00	52.82 -1.41 0.00	49.59 -0.45 0.00
BETHLHEM_115KV_TB1 79974	49.87 0.74 0.00	48.12 0.71 0.00	44.50 0.83 0.00	42.95 0.80 0.00	42.30 0.79 0.00	44.84 0.79 0.00	54.08 0.90 0.00	58.95 0.99 0.00	56.82 1.00 0.00	53.11 0.78 0.00	51.87 0.72 0.00	49.24 0.63 0.00	47.21 0.65 0.00	47.27 0.61 0.00	50.58 0.80 0.00	55.66 0.93 0.00	67.81 1.20 0.00	80.71 1.35 0.00	73.13 1.29 0.00	67.55 1.06 0.00	65.48 1.03 0.00	59.01 0.87 0.00	54.99 0.76 0.00	50.69 0.65 0.00
BETHPAGE_CC_5 323564	53.16 4.03 0.00	50.78 3.37 0.00	46.64 2.97 0.00	44.84 2.70 0.00	44.17 2.66 0.00	47.00 2.95 0.00	57.33 4.15 0.00	61.68 3.71 0.00	60.12 4.30 0.00	57.41 5.07 -0.01	56.08 4.91 -0.01	53.33 4.71 -0.01	51.14 4.57 -0.01	51.25 4.58 -0.01	54.62 4.83 -0.01	59.83 5.09 -0.01	71.67 5.06 0.00	85.00 5.64 0.00	77.72 5.89 0.00	71.81 5.32 0.00	68.76 4.32 0.00	62.14 4.01 0.00	58.52 4.28 0.00	54.19 4.15 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	49.32 0.20 0.00	47.18 -0.24 0.00	43.27 -0.39 0.00	41.93 -0.21 0.00	41.27 -0.25 0.00	44.27 0.22 0.00	52.06 -1.12 0.00	56.34 -1.62 0.00	53.75 -2.07 0.00	50.92 -1.41 0.00	50.64 -0.51 0.00	48.02 -0.58 0.00	45.82 -0.74 0.00	46.11 -0.56 0.00	48.69 -1.10 0.00	52.98 -1.75 0.00	63.81 -2.80 0.00	76.58 -2.78 0.00	68.82 -3.02 0.00	63.49 -2.99 0.00	61.67 -2.77 0.00	55.92 -2.21 0.00	52.99 -1.25 0.00	49.64 -0.40 0.00
BINGHAMTON___COGEN 23790	49.42 0.29 0.00	47.60 0.19 0.00	43.80 0.13 0.00	42.31 0.17 0.00	41.68 0.17 0.00	44.31 0.26 0.00	53.34 0.16 0.00	58.02 0.06 0.00	55.71 -0.11 0.00	52.43 0.10 0.00	51.41 0.26 0.00	48.80 0.19 0.00	46.70 0.14 0.00	46.90 0.23 0.00	49.83 0.05 0.00	54.62 -0.11 0.00	66.47 -0.13 0.00	79.36 0.00 0.00	71.69 -0.14 0.00	66.35 -0.13 0.00	64.32 -0.13 0.00	58.08 -0.06 0.00	54.23 0.00 0.00	50.29 0.25 0.00

BIXINCNT_115KV_LOAD 355685	49.52 0.39 0.00	47.37 -0.05 0.00	43.49 -0.17 0.00	42.14 0.00 0.00	41.47 -0.04 0.00	44.53 0.48 0.00	52.49 -0.69 0.00	56.98 -0.99 0.00	54.31 -1.51 0.00	51.39 -0.94 0.00	50.95 -0.20 0.00	48.27 -0.34 0.00	46.10 -0.47 0.00	46.43 -0.23 0.00	48.98 -0.80 0.00	53.25 -1.48 0.00	64.28 -2.33 0.00	77.22 -2.14 0.00	69.39 -2.44 0.00	64.09 -2.39 0.00	62.19 -2.26 0.00	56.39 -1.74 0.00	53.26 -0.98 0.00	49.89 -0.15 0.00
BLACK RIVER___HYD 24047	48.98 -0.15 0.00	47.27 -0.14 0.00	43.41 -0.26 0.00	41.89 -0.25 0.00	41.10 -0.42 0.00	43.43 -0.62 0.00	52.22 -0.96 0.00	57.21 -0.76 0.00	54.70 -1.12 0.00	51.07 -1.26 0.00	49.62 -1.53 0.00	47.10 -1.51 0.00	45.17 -1.40 0.00	45.27 -1.40 0.00	48.29 -1.49 0.00	53.58 -1.15 0.00	65.88 -0.73 0.00	79.28 -0.08 0.00	71.98 0.14 0.00	66.68 0.20 0.00	65.22 0.78 0.00	58.54 0.41 0.00	54.56 0.33 0.00	50.34 0.30 0.00
BLACKRVR_115KV_TB2 79977	48.98 -0.15 0.00	47.27 -0.14 0.00	43.41 -0.26 0.00	41.89 -0.25 0.00	41.10 -0.42 0.00	43.43 -0.62 0.00	52.22 -0.96 0.00	57.21 -0.75 0.00	54.70 -1.12 0.00	51.07 -1.26 0.00	49.62 -1.53 0.00	47.10 -1.51 0.00	45.16 -1.40 0.00	45.27 -1.40 0.00	48.29 -1.49 0.00	53.58 -1.15 0.00	65.87 -0.73 0.00	79.28 -0.08 0.00	71.98 0.14 0.00	66.68 0.20 0.00	65.15 0.71 0.00	58.54 0.41 0.00	54.56 0.33 0.00	50.49 0.45 0.00
BLDWN_LI_69_KV_BK4 356085	53.21 4.08 0.00	50.83 3.41 0.00	46.68 3.01 0.00	44.93 2.78 0.00	44.17 2.66 0.00	47.00 2.95 0.00	57.38 4.20 0.00	61.73 3.77 0.00	60.12 4.30 0.00	57.41 5.08 -0.01	56.08 4.91 -0.01	53.34 4.71 -0.01	51.14 4.56 -0.01	51.20 4.53 -0.01	54.57 4.78 -0.01	59.83 5.09 -0.01	71.80 5.20 0.00	85.71 6.35 0.00	77.94 6.11 0.00	72.07 5.58 0.00	69.09 4.64 0.00	62.32 4.19 0.00	58.57 4.34 0.00	54.14 4.10 0.00
BLISS_WT_PWR 323608	49.52 0.39 0.00	47.41 0.00 0.00	43.54 -0.13 0.00	42.14 0.00 0.00	41.47 -0.04 0.00	44.53 0.49 0.00	52.59 -0.58 0.00	56.98 -0.99 0.00	54.37 -1.45 0.00	51.55 -0.78 0.00	50.95 -0.20 0.00	48.27 -0.34 0.00	46.05 -0.51 0.00	46.48 -0.19 0.00	48.98 -0.80 0.00	53.26 -1.48 0.00	64.34 -2.26 0.00	77.38 -1.98 0.00	69.46 -2.37 0.00	64.16 -2.33 0.00	62.32 -2.13 0.00	56.39 -1.74 0.00	53.31 -0.92 0.00	49.94 -0.10 0.00
BLUESTONE___WT_PWR 323821	51.49 2.36 0.00	49.64 2.23 0.00	45.59 1.92 0.00	44.08 1.94 0.00	43.34 1.82 0.00	45.98 1.94 0.00	55.52 2.34 0.00	60.75 2.78 0.00	58.22 2.40 0.00	54.58 2.25 0.00	52.99 1.84 0.00	50.26 1.65 0.00	48.10 1.53 0.00	48.25 1.59 0.00	51.27 1.49 0.00	56.76 2.03 0.00	69.47 2.86 0.00	83.72 4.36 0.00	75.64 3.80 0.00	70.01 3.52 0.00	67.92 3.48 0.00	60.92 2.79 0.00	56.84 2.60 0.00	52.64 2.60 0.00
BLUE_CIRC_CHEM_DRP 24182	50.55 1.42 0.00	48.84 1.42 0.00	45.07 1.40 0.00	43.49 1.35 0.00	42.84 1.33 0.00	45.46 1.41 0.00	54.83 1.65 0.00	59.76 1.80 0.00	57.49 1.67 0.00	53.64 1.31 0.00	52.28 1.13 0.00	49.58 0.97 0.00	47.49 0.93 0.00	47.60 0.93 0.00	50.93 1.14 0.00	56.21 1.48 0.00	68.67 2.06 0.00	81.50 2.14 0.00	73.92 2.08 0.00	68.28 1.80 0.00	66.19 1.74 0.00	59.70 1.57 0.00	55.64 1.41 0.00	51.29 1.25 0.00
BOC_GAS_DRP 24189	49.96 0.84 0.00	48.27 0.85 0.00	44.54 0.87 0.00	42.95 0.80 0.00	42.30 0.79 0.00	44.88 0.84 0.00	54.24 1.06 0.00	59.12 1.16 0.00	56.99 1.17 0.00	53.32 0.99 0.00	52.03 0.87 0.00	49.43 0.83 0.00	47.40 0.84 0.00	47.46 0.79 0.00	50.73 0.95 0.00	55.83 1.09 0.00	67.94 1.33 0.00	80.87 1.51 0.00	73.27 1.44 0.00	67.75 1.26 0.00	65.67 1.22 0.00	59.18 1.05 0.00	55.15 0.92 0.00	50.84 0.80 0.00
BOONVILLE_115KV_TB1 79983	49.67 0.54 0.00	47.98 0.57 0.00	44.10 0.44 0.00	42.52 0.38 0.00	41.81 0.29 0.00	44.27 0.22 0.00	53.44 0.27 0.00	58.37 0.41 0.00	56.10 0.28 0.00	52.54 0.21 0.00	51.21 0.05 0.00	48.61 0.00 0.00	46.61 0.05 0.00	46.71 0.05 0.00	49.78 0.00 0.00	55.06 0.33 0.00	67.47 0.87 0.00	80.63 1.27 0.00	73.05 1.22 0.00	67.61 1.13 0.00	65.86 1.42 0.00	59.24 1.10 0.00	55.21 0.98 0.00	50.99 0.95 0.00
BORALEX_4TH_BRANCH 23824	50.85 1.72 0.00	49.17 1.75 0.00	45.55 1.88 0.00	43.91 1.77 0.00	43.34 1.83 0.00	46.03 1.98 0.00	55.68 2.50 0.00	60.80 2.84 0.00	58.50 2.68 0.00	54.11 1.78 0.00	52.59 1.43 0.00	49.97 1.36 0.00	47.86 1.30 0.00	47.88 1.21 0.00	51.52 1.74 0.00	57.03 2.30 0.00	69.80 3.20 0.00	82.70 3.33 0.00	74.99 3.16 0.00	69.08 2.59 0.00	66.83 2.38 0.00	60.23 2.09 0.00	56.13 1.90 0.00	51.59 1.55 0.00
BOWLINE___1 23526	51.39 2.26 0.00	49.45 2.04 0.00	45.50 1.83 0.00	43.83 1.69 0.00	43.18 1.66 0.00	45.85 1.81 0.00	55.73 2.55 0.00	60.86 2.90 0.00	58.83 3.01 0.00	55.36 3.03 0.00	54.17 3.02 0.00	51.57 2.97 0.00	49.45 2.89 0.00	49.51 2.85 0.00	52.77 2.99 0.00	57.80 3.06 0.00	70.07 3.46 0.00	83.57 4.20 0.00	75.78 3.95 0.00	70.14 3.65 0.00	67.92 3.48 0.00	61.27 3.14 0.00	56.94 2.71 0.00	52.39 2.35 0.00
BOWLINE___2 23595	51.34 2.21 0.00	49.45 2.04 0.00	45.50 1.83 0.00	43.83 1.69 0.00	43.13 1.62 0.00	45.85 1.81 0.00	55.73 2.55 0.00	60.80 2.84 0.00	58.83 3.01 0.00	55.36 3.03 0.00	54.17 3.02 0.00	51.57 2.97 0.00	49.40 2.84 0.00	49.51 2.85 0.00	52.72 2.94 0.00	57.80 3.06 0.00	70.00 3.40 0.00	83.49 4.12 0.00	75.78 3.95 0.00	70.07 3.59 0.00	67.86 3.41 0.00	61.27 3.14 0.00	56.94 2.71 0.00	52.39 2.35 0.00
BRADY___115KV_TB2 356060	49.03 -0.10 0.00	47.60 0.19 0.00	44.06 0.39 0.00	42.36 0.21 0.00	41.68 0.17 0.00	43.87 -0.18 0.00	52.70 -0.48 0.00	57.33 -0.64 0.00	54.59 -1.23 0.00	51.18 -1.15 0.00	50.08 -1.07 0.00	47.54 -1.07 0.00	45.58 -0.98 0.00	45.69 -0.98 0.00	48.74 -1.05 0.00	53.31 -1.42 0.00	64.94 -1.67 0.00	77.70 -1.67 0.00	70.68 -1.15 0.00	65.89 -0.60 0.00	64.57 0.13 0.00	57.96 -0.17 0.00	54.07 -0.16 0.00	50.44 0.40 0.00
BRANSCOMB___SOLAR 323811	51.58 2.46 0.00	49.88 2.46 0.00	45.98 2.31 0.00	44.33 2.19 0.00	43.67 2.16 0.00	46.42 2.38 0.00	56.10 2.92 0.00	61.27 3.30 0.00	58.89 3.07 0.00	54.79 2.46 0.00	53.30 2.15 0.00	50.55 1.95 0.00	48.38 1.81 0.00	48.39 1.73 0.00	51.82 2.04 0.00	57.41 2.68 0.00	70.40 3.79 0.00	83.80 4.44 0.00	76.00 4.16 0.00	70.07 3.59 0.00	67.99 3.54 0.00	61.27 3.14 0.00	57.11 2.87 0.00	52.54 2.50 0.00
BRDGHMPT_69_KV_BK1 55812	54.14 5.01 0.00	51.73 4.31 0.00	47.64 3.97 0.00	45.94 3.79 0.00	45.21 3.69 0.00	48.10 4.05 0.00	58.28 5.11 0.00	62.14 4.17 0.00	60.51 4.69 0.00	58.20 5.86 -0.01	56.94 5.78 -0.01	54.21 5.59 -0.01	51.92 5.35 -0.01	52.04 5.37 -0.01	55.66 5.87 -0.01	60.98 6.24 -0.01	73.00 6.39 0.00	86.90 7.54 0.00	79.09 7.26 0.00	73.00 6.52 0.00	69.47 5.03 0.00	62.67 4.53 0.00	58.73 4.50 0.00	54.79 4.75 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	53.89 4.77 0.00	51.40 3.98 0.00	47.20 3.54 0.00	45.39 3.25 0.00	44.71 3.20 0.00	47.57 3.52 0.00	58.12 4.95 0.00	62.31 4.35 0.00	60.79 4.97 0.00	58.15 5.81 -0.01	56.79 5.63 -0.01	54.01 5.40 -0.01	51.78 5.21 -0.01	51.90 5.23 -0.01	55.42 5.63 -0.01	60.54 5.80 -0.01	72.54 5.93 0.00	86.58 7.22 0.00	78.73 6.90 0.00	72.87 6.38 0.00	69.60 5.16 0.00	62.84 4.71 0.00	59.17 4.94 0.00	54.84 4.80 0.00
BRISTLHL_115KV_TB1 79998	47.80 -1.33 0.00	46.09 -1.33 0.00	42.40 -1.27 0.00	40.96 -1.18 0.00	40.35 -1.16 0.00	42.86 -1.19 0.00	51.64 -1.54 0.00	56.23 -1.74 0.00	54.14 -1.67 0.00	50.81 -1.52 0.00	49.72 -1.43 0.00	47.20 -1.41 0.00	45.21 -1.35 0.00	45.36 -1.31 0.00	48.34 -1.44 0.00	53.09 -1.64 0.00	64.68 -1.93 0.00	77.06 -2.30 0.00	69.68 -2.15 0.00	64.49 -1.99 0.00	62.51 -1.93 0.00	56.45 -1.69 0.00	52.71 -1.52 0.00	48.69 -1.35 0.00
BROOKHAVEN___DRP 24191	53.45 4.32 0.00	51.02 3.60 0.00	46.90 3.23 0.00	45.14 2.99 0.00	44.42 2.91 0.00	47.26 3.22 0.00	57.65 4.47 0.00	61.73 3.77 0.00	60.23 4.41 0.00	57.67 5.34 -0.01	56.33 5.17 -0.01	53.62 5.01 -0.01	51.37 4.80 -0.01	51.48 4.81 -0.01	55.02 5.23 -0.01	60.21 5.47 -0.01	71.87 5.26 0.00	85.79 6.43 0.00	78.01 6.18 0.00	72.14 5.65 0.00	68.89 4.45 0.00	62.26 4.13 0.00	58.52 4.28 0.00	54.39 4.35 0.00
BROOKLYN_NAVY_YARD 23515	51.83 2.70 0.00	49.83 2.42 0.00	45.76 2.10 0.00	44.13 1.98 0.00	43.43 1.91 0.00	46.12 2.07 0.00	56.16 2.98 0.00	61.32 3.36 0.00	59.45 3.63 0.00	55.94 3.61 0.00	54.74 3.58 0.00	52.15 3.55 0.00	49.96 3.40 0.00	50.03 3.36 0.00	53.32 3.53 0.00	58.46 3.72 0.00	70.74 4.13 0.00	84.45 5.08 0.00	76.57 4.74 0.00	70.87 4.39 0.00	68.70 4.25 0.00	61.91 3.78 0.00	57.54 3.31 0.00	52.84 2.80 0.00
BROOKLYN___ARMY_DRP 323595	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
BROOME_2_LFGE 323671	49.42 0.30 0.00	47.60 0.19 0.00	43.80 0.13 0.00	42.31 0.17 0.00	41.68 0.17 0.00	44.31 0.27 0.00	53.34 0.16 0.00	58.02 0.06 0.00	55.71 -0.11 0.00	52.43 0.10 0.00	51.41 0.26 0.00	48.80 0.20 0.00	46.70 0.14 0.00	46.90 0.23 0.00	49.83 0.05 0.00	54.62 -0.11 0.00	66.47 -0.13 0.00	79.36 0.00 0.00	71.69 -0.14 0.00	66.35 -0.13 0.00	64.32 -0.13 0.00	58.08 -0.06 0.00	54.23 0.00 0.00	50.29 0.25 0.00
BROOME___LFGE 323600	49.42 0.30 0.00	47.60 0.19 0.00	43.80 0.13 0.00	42.31 0.17 0.00	41.68 0.17 0.00	44.31 0.27 0.00	53.34 0.16 0.00	58.02 0.06 0.00	55.71 -0.11 0.00	52.43 0.10 0.00	51.41 0.26 0.00	48.80 0.20 0.00	46.70 0.14 0.00	46.90 0.23 0.00	49.83 0.05 0.00	54.62 -0.11 0.00	66.47 -0.13 0.00	79.36 0.00 0.00	71.69 -0.14 0.00	66.35 -0.13 0.00	64.32 -0.13 0.00	58.08 -0.06 0.00	54.23 0.00 0.00	50.29 0.25 0.00
BROWNFLS_115KV_TB_3_5 80003	48.29 -0.84 0.00	46.80 -0.62 0.00	43.14 -0.52 0.00	41.51 -0.63 0.00	40.77 -0.75 0.00	42.95 -1.10 0.00	51.32 -1.86 0.00	55.99 -1.97 0.00	53.59 -2.23 0.00	50.18 -2.15 0.00	49.16 -2.00 0.00	46.71 -1.90 0.00	44.79 -1.77 0.00	44.89 -1.77 0.00	47.89 -1.89 0.00	52.76 -1.97 0.00	64.21 -2.40 0.00	76.82 -2.54 0.00	69.75 -2.08 0.00	64.82 -1.66 0.00	63.80 -0.64 0.00	57.38 -0.76 0.00	53.58 -0.65 0.00	49.84 -0.20 0.00
BROWNSV1_27_KV_LOAD 356125	52.37 3.24 0.00	50.31 2.89 0.00	46.20 2.53 0.00	44.50 2.36 0.00	43.80 2.28 0.00	46.56 2.51 0.00	56.69 3.51 0.00	61.85 3.88 0.00	59.95 4.13 0.00	56.46 4.13 0.00	55.25 4.09 0.00	52.64 4.03 0.00	50.47 3.91 0.00	50.54 3.87 0.00	53.86 4.08 0.00	59.00 4.27 0.00	71.40 4.80 0.00	85.31 5.95 0.00	77.29 5.46 0.00	71.54 5.05 0.00	69.34 4.90 0.00	62.44 4.30 0.00	58.08 3.85 0.00	53.29 3.25 0.00
BURROWS___LYONSDAL 23803	49.37 0.25 0.00	47.70 0.28 0.00	43.84 0.17 0.00	42.27 0.13 0.00	41.52 0.00 0.00	43.96 -0.09 0.00	52.97 -0.21 0.00	57.91 -0.06 0.00	55.65 -0.17 0.00	52.01 -0.31 0.00	50.75 -0.41 0.00	48.22 -0.39 0.00	46.19 -0.37 0.00	46.29 -0.37 0.00	49.38 -0.40 0.00	54.62 -0.11 0.00	67.01 0.40 0.00	80.24 0.87 0.00	72.69 0.86 0.00	67.35 0.86 0.00	65.61 1.16 0.00	59.01 0.87 0.00	54.99 0.76 0.00	50.84 0.80 0.00
CAITHNESS_CC_1 323624	53.30 4.17 0.00	50.87 3.46 0.00	46.72 3.06 0.00	44.97 2.82 0.00	44.25 2.74 0.00	47.13 3.08 0.00	57.43 4.26 0.00	61.62 3.65 0.00	60.06 4.24 0.00	57.52 5.18 -0.01	56.18 5.02 -0.01	53.43 4.81 -0.01	51.23 4.66 -0.01	51.34 4.67 -0.01	54.87 5.08 -0.01	60.00 5.25 -0.01	71.61 5.00 0.00	84.60 5.24 0.00	77.72 5.89 0.00	71.74 5.25 0.00	68.51 4.06 0.00	62.03 3.90 0.00	58.35 4.12 0.00	54.24 4.20 0.00
CALPINE BETH_PAGE_GT4 24209	53.01 3.88 0.00	50.68 3.27 0.00	46.55 2.88 0.00	44.76 2.61 0.00	44.05 2.53 0.00	46.87 2.82 0.00	57.22 4.04 0.00	61.56 3.59 0.00	60.01 4.19 0.00	57.26 4.92 -0.01	55.97 4.81 -0.01	53.24 4.62 -0.01	51.04 4.47 -0.01	51.11 4.43 -0.01	54.52 4.73 -0.01	59.67 4.93 -0.01	71.40 4.80 0.00	85.23 5.87 0.00	77.44 5.60 0.00	71.67 5.19 0.00	68.63 4.19 0.00	61.97 3.84 0.00	58.35 4.12 0.00	53.99 3.95 0.00
CALPINE_BETH_PAGE_GT_4 323586	53.01 3.88 0.00	50.68 3.27 0.00	46.50 2.84 0.00	44.76 2.61 0.00	44.05 2.53 0.00	46.87 2.82 0.00	57.17 3.99 0.00	61.56 3.60 0.00	60.01 4.19 0.00	57.26 4.92 -0.01	55.97 4.81 -0.01	53.24 4.62 -0.01	51.04 4.47 -0.01	51.11 4.44 -0.01	54.52 4.73 -0.01	59.67 4.93 -0.01	71.41 4.80 0.00	84.76 5.40 0.00	77.44 5.61 0.00	71.53 5.05 0.00	68.57 4.13 0.00	61.97 3.84 0.00	58.35 4.12 0.00	54.04 4.00 0.00
CALPINE_BP_GT1 23823	53.01 3.88 0.00	50.68 3.27 0.00	46.50 2.84 0.00	44.76 2.61 0.00	44.05 2.53 0.00	46.87 2.82 0.00	57.17 3.99 0.00	61.56 3.60 0.00	60.01 4.19 0.00	57.26 4.92 -0.01	55.97 4.81 -0.01	53.24 4.62 -0.01	51.04 4.47 -0.01	51.11 4.44 -0.01	54.52 4.73 -0.01	59.67 4.93 -0.01	71.41 4.80 0.00	84.76 5.40 0.00	77.44 5.61 0.00	71.53 5.05 0.00	68.57 4.13 0.00	61.97 3.84 0.00	58.35 4.12 0.00	54.04 4.00 0.00
CALSPAN___DRP 24200	49.28 0.15 0.00	47.13 -0.28 0.00	43.23 -0.44 0.00	41.89 -0.25 0.00	41.22 -0.29 0.00	44.22 0.18 0.00	51.96 -1.22 0.00	56.17 -1.80 0.00	53.64 -2.18 0.00	50.81 -1.52 0.00	50.49 -0.67 0.00	47.88 -0.73 0.00	45.72 -0.84 0.00	46.01 -0.65 0.00	48.59 -1.19 0.00	52.82 -1.92 0.00	63.68 -2.93 0.00	76.35 -3.02 0.00	68.60 -3.23 0.00	63.29 -3.19 0.00	61.48 -2.96 0.00	55.81 -2.33 0.00	52.82 -1.41 0.00	49.59 -0.45 0.00

CALVERTON___SOLAR 323806	53.65 4.52 0.00	51.16 3.74 0.00	47.03 3.36 0.00	45.26 3.12 0.00	44.54 3.03 0.00	47.44 3.39 0.00	57.75 4.57 0.00	61.91 3.94 0.00	60.34 4.52 0.00	57.78 5.44 -0.01	56.48 5.32 -0.01	53.77 5.15 -0.01	51.50 4.93 -0.01	51.62 4.94 -0.01	55.17 5.38 -0.01	60.38 5.64 -0.01	72.20 5.60 0.00	85.23 5.87 0.00	78.30 6.47 0.00	72.27 5.78 0.00	68.96 4.51 0.00	62.44 4.30 0.00	58.62 4.39 0.00	54.54 4.51 0.00
CANDIGU_WT_PWR 323617	49.47 0.35 0.00	47.51 0.10 0.00	43.67 0.00 0.00	42.23 0.08 0.00	41.56 0.04 0.00	44.44 0.40 0.00	52.86 -0.32 0.00	57.27 -0.69 0.00	54.64 -1.17 0.00	51.60 -0.73 0.00	50.80 -0.36 0.00	48.17 -0.44 0.00	46.10 -0.47 0.00	46.39 -0.28 0.00	49.13 -0.65 0.00	53.58 -1.15 0.00	65.08 -1.53 0.00	77.94 -1.43 0.00	70.18 -1.65 0.00	64.96 -1.53 0.00	63.09 -1.36 0.00	57.09 -1.04 0.00	53.64 -0.60 0.00	50.14 0.10 0.00
CARR STREET_E_SYR 24060	48.34 -0.79 0.00	46.61 -0.81 0.00	42.84 -0.83 0.00	41.43 -0.72 0.00	40.81 -0.71 0.00	43.34 -0.71 0.00	52.17 -1.01 0.00	56.86 -1.10 0.00	54.70 -1.12 0.00	51.39 -0.94 0.00	50.29 -0.87 0.00	47.73 -0.87 0.00	45.77 -0.79 0.00	45.87 -0.79 0.00	48.89 -0.89 0.00	53.69 -1.04 0.00	65.21 -1.40 0.00	77.69 -1.67 0.00	70.18 -1.65 0.00	64.96 -1.53 0.00	62.97 -1.48 0.00	56.85 -1.28 0.00	53.26 -0.97 0.00	49.23 -0.80 0.00
CARTHAGE___PAPER 23857	48.84 -0.29 0.00	47.18 -0.24 0.00	43.36 -0.30 0.00	41.76 -0.38 0.00	40.97 -0.54 0.00	43.30 -0.75 0.00	52.01 -1.17 0.00	56.92 -1.04 0.00	54.48 -1.34 0.00	50.86 -1.46 0.00	49.52 -1.64 0.00	47.01 -1.60 0.00	45.07 -1.49 0.00	45.17 -1.50 0.00	48.19 -1.59 0.00	53.42 -1.31 0.00	65.61 -1.00 0.00	78.89 -0.47 0.00	71.62 -0.21 0.00	66.48 0.00 0.00	65.09 0.64 0.00	58.43 0.29 0.00	54.45 0.22 0.00	50.24 0.20 0.00
CASSADAGA_WT_PWR 323784	50.40 1.28 0.00	48.31 0.90 0.00	44.36 0.70 0.00	42.86 0.72 0.00	42.18 0.66 0.00	45.28 1.23 0.00	53.55 0.37 0.00	58.08 0.12 0.00	55.37 -0.45 0.00	52.59 0.26 0.00	52.18 1.02 0.00	49.43 0.83 0.00	47.12 0.56 0.00	47.41 0.74 0.00	49.93 0.15 0.00	54.24 -0.49 0.00	65.61 -1.00 0.00	79.12 -0.24 0.00	70.47 -1.37 0.00	64.96 -1.53 0.00	63.09 -1.36 0.00	57.09 -1.04 0.00	53.91 -0.32 0.00	50.44 0.40 0.00
CE_DUNWOOD___DRP 24194	51.63 2.51 0.00	49.74 2.32 0.00	45.72 2.05 0.00	44.04 1.90 0.00	43.34 1.83 0.00	46.07 2.03 0.00	56.00 2.82 0.00	61.09 3.13 0.00	59.11 3.29 0.00	55.68 3.35 0.00	54.48 3.33 0.00	51.86 3.26 0.00	49.73 3.17 0.00	49.79 3.13 0.00	53.07 3.29 0.00	58.18 3.45 0.00	70.40 3.80 0.00	84.04 4.68 0.00	76.21 4.38 0.00	70.54 4.06 0.00	68.31 3.87 0.00	61.56 3.43 0.00	57.27 3.04 0.00	52.64 2.60 0.00
CE_MILLWOOD___DRP 24193	51.54 2.41 0.00	49.64 2.23 0.00	45.68 2.01 0.00	44.00 1.85 0.00	43.30 1.79 0.00	45.98 1.94 0.00	55.94 2.77 0.00	61.04 3.07 0.00	59.06 3.24 0.00	55.57 3.24 0.00	54.38 3.22 0.00	51.77 3.16 0.00	49.59 3.03 0.00	49.70 3.03 0.00	52.97 3.19 0.00	58.07 3.34 0.00	70.27 3.66 0.00	83.89 4.52 0.00	76.07 4.24 0.00	70.41 3.92 0.00	68.18 3.74 0.00	61.45 3.31 0.00	57.16 2.93 0.00	52.54 2.50 0.00
CE_NYC2_DRP 24202	52.22 3.10 0.00	50.21 2.80 0.00	46.16 2.49 0.00	44.42 2.28 0.00	43.72 2.20 0.00	46.47 2.42 0.00	56.53 3.35 0.00	61.62 3.65 0.00	59.78 3.96 0.00	56.36 4.03 0.00	55.09 3.94 0.00	52.55 3.94 0.00	50.33 3.77 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.89 4.16 0.00	71.00 4.40 0.00	84.84 5.48 0.00	76.86 5.03 0.00	71.21 4.72 0.00	69.02 4.58 0.00	62.26 4.13 0.00	57.98 3.74 0.00	53.24 3.20 0.00
CE_NYC_DRP 24195	51.93 2.80 0.00	49.97 2.56 0.00	45.94 2.27 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.32 3.14 0.00	61.50 3.54 0.00	59.56 3.74 0.00	56.15 3.82 0.00	54.89 3.73 0.00	52.30 3.69 0.00	50.15 3.59 0.00	50.21 3.55 0.00	53.52 3.73 0.00	58.62 3.89 0.00	70.94 4.33 0.00	84.68 5.32 0.00	76.79 4.96 0.00	71.07 4.59 0.00	68.83 4.38 0.00	62.03 3.89 0.00	57.70 3.47 0.00	52.94 2.90 0.00
CHAFFEE___LFGE 323603	49.28 0.15 0.00	47.18 -0.24 0.00	43.32 -0.35 0.00	41.89 -0.25 0.00	41.23 -0.29 0.00	44.22 0.18 0.00	52.12 -1.06 0.00	56.28 -1.68 0.00	53.76 -2.06 0.00	51.07 -1.26 0.00	50.59 -0.56 0.00	47.97 -0.63 0.00	45.81 -0.75 0.00	46.11 -0.56 0.00	48.69 -1.10 0.00	52.93 -1.80 0.00	63.81 -2.79 0.00	76.66 -2.70 0.00	68.82 -3.01 0.00	63.49 -2.99 0.00	61.68 -2.77 0.00	55.92 -2.21 0.00	52.93 -1.30 0.00	49.64 -0.40 0.00
CHATEAUG_35_KV_LOAD 355732	48.15 -0.98 0.00	46.75 -0.66 0.00	43.36 -0.31 0.00	41.68 -0.46 0.00	41.06 -0.46 0.00	43.34 -0.70 0.00	52.17 -1.01 0.00	56.69 -1.28 0.00	54.14 -1.67 0.00	50.86 -1.47 0.00	49.83 -1.33 0.00	47.25 -1.36 0.00	45.26 -1.30 0.00	45.31 -1.35 0.00	48.39 -1.39 0.00	52.82 -1.92 0.00	64.34 -2.26 0.00	76.82 -2.54 0.00	69.89 -1.94 0.00	65.15 -1.33 0.00	63.67 -0.77 0.00	57.20 -0.93 0.00	53.26 -0.98 0.00	49.59 -0.45 0.00
CHATEAUG_WT_PWR 323614	48.09 -1.03 0.00	46.70 -0.71 0.00	43.27 -0.39 0.00	41.60 -0.55 0.00	40.97 -0.54 0.00	43.21 -0.84 0.00	52.06 -1.12 0.00	56.63 -1.33 0.00	54.09 -1.73 0.00	50.81 -1.52 0.00	49.83 -1.33 0.00	47.25 -1.36 0.00	45.26 -1.30 0.00	45.36 -1.31 0.00	48.34 -1.45 0.00	52.82 -1.92 0.00	64.27 -2.33 0.00	76.66 -2.70 0.00	69.75 -2.09 0.00	65.02 -1.46 0.00	63.54 -0.90 0.00	57.09 -1.04 0.00	53.20 -1.03 0.00	48.89 -1.15 0.00
CHAT_HIGH_FALL_HYD 323578	48.15 -0.98 0.00	46.75 -0.66 0.00	43.36 -0.31 0.00	41.68 -0.46 0.00	41.06 -0.46 0.00	43.34 -0.70 0.00	52.17 -1.01 0.00	56.69 -1.28 0.00	54.14 -1.67 0.00	50.86 -1.47 0.00	49.83 -1.33 0.00	47.25 -1.36 0.00	45.26 -1.30 0.00	45.31 -1.35 0.00	48.39 -1.39 0.00	52.82 -1.92 0.00	64.34 -2.26 0.00	76.82 -2.54 0.00	69.89 -1.94 0.00	65.15 -1.33 0.00	63.67 -0.77 0.00	57.20 -0.93 0.00	53.26 -0.98 0.00	49.59 -0.45 0.00
CHAUTAUQUA___LFGE 323629	50.06 0.93 0.00	48.03 0.61 0.00	44.06 0.39 0.00	42.61 0.46 0.00	41.93 0.42 0.00	45.01 0.97 0.00	53.23 0.05 0.00	57.62 -0.35 0.00	54.92 -0.90 0.00	52.17 -0.16 0.00	51.72 0.56 0.00	49.04 0.44 0.00	46.75 0.19 0.00	47.04 0.37 0.00	49.58 -0.20 0.00	53.85 -0.88 0.00	65.14 -1.47 0.00	78.41 -0.95 0.00	69.75 -2.09 0.00	64.35 -2.13 0.00	62.51 -1.93 0.00	56.62 -1.51 0.00	53.47 -0.76 0.00	50.09 0.05 0.00
CHERRYST_13_KV_LD 356241	52.08 2.95 0.00	50.07 2.66 0.00	46.03 2.36 0.00	44.34 2.19 0.00	43.63 2.12 0.00	46.38 2.33 0.00	56.48 3.30 0.00	61.62 3.65 0.00	59.73 3.91 0.00	56.25 3.92 0.00	55.04 3.89 0.00	52.45 3.84 0.00	50.29 3.72 0.00	50.35 3.69 0.00	53.66 3.88 0.00	58.78 4.05 0.00	71.14 4.53 0.00	84.92 5.56 0.00	77.00 5.17 0.00	71.27 4.79 0.00	69.02 4.58 0.00	62.14 4.01 0.00	57.81 3.58 0.00	53.09 3.05 0.00

CHESTROR_138KV_BK263 355645	51.19 2.06 0.00	49.31 1.90 0.00	45.37 1.70 0.00	43.70 1.56 0.00	43.05 1.54 0.00	45.72 1.67 0.00	55.52 2.34 0.00	60.63 2.67 0.00	58.55 2.74 0.00	55.05 2.72 0.00	53.82 2.66 0.00	51.18 2.58 0.00	49.08 2.51 0.00	49.14 2.47 0.00	52.37 2.59 0.00	57.47 2.74 0.00	69.74 3.13 0.00	83.25 3.89 0.00	75.42 3.59 0.00	69.81 3.32 0.00	67.60 3.16 0.00	60.98 2.85 0.00	56.73 2.49 0.00	52.19 2.15 0.00
CH_MIDHUDSON___DRP 24192	51.44 2.31 0.00	49.59 2.18 0.00	45.59 1.92 0.00	43.91 1.77 0.00	43.26 1.74 0.00	45.94 1.89 0.00	55.84 2.66 0.00	60.92 2.96 0.00	58.95 3.13 0.00	55.36 3.04 0.00	54.07 2.92 0.00	51.38 2.77 0.00	49.26 2.70 0.00	49.37 2.71 0.00	52.67 2.89 0.00	57.80 3.07 0.00	70.14 3.53 0.00	83.65 4.29 0.00	75.86 4.02 0.00	70.21 3.72 0.00	67.93 3.48 0.00	61.33 3.20 0.00	57.05 2.82 0.00	52.44 2.40 0.00
CH_MISC_IPPS 23765	51.78 2.65 0.00	49.88 2.46 0.00	45.85 2.18 0.00	44.17 2.02 0.00	43.51 1.99 0.00	46.20 2.16 0.00	56.16 2.98 0.00	61.32 3.36 0.00	59.34 3.52 0.00	55.78 3.45 0.00	54.43 3.28 0.00	51.67 3.06 0.00	49.59 3.02 0.00	49.65 2.99 0.00	52.97 3.19 0.00	58.13 3.39 0.00	70.60 4.00 0.00	84.20 4.84 0.00	76.36 4.53 0.00	70.68 4.19 0.00	68.38 3.93 0.00	61.74 3.61 0.00	57.43 3.20 0.00	52.84 2.80 0.00
CH_RES_BVR_FALLS 23983	48.88 -0.24 0.00	47.22 -0.19 0.00	43.54 -0.13 0.00	41.98 -0.17 0.00	41.35 -0.17 0.00	43.83 -0.22 0.00	52.91 -0.26 0.00	57.62 -0.35 0.00	55.37 -0.45 0.00	51.97 -0.36 0.00	50.80 -0.36 0.00	48.27 -0.34 0.00	46.24 -0.32 0.00	46.34 -0.32 0.00	49.44 -0.35 0.00	54.29 -0.44 0.00	66.07 -0.54 0.00	78.72 -0.64 0.00	71.33 -0.50 0.00	66.09 -0.40 0.00	64.19 -0.26 0.00	57.84 -0.29 0.00	53.96 -0.27 0.00	49.74 -0.30 0.00
CH_RES_NIAGARA 23895	47.75 -1.38 0.00	46.61 -0.81 0.00	41.92 -1.75 0.00	40.63 -1.52 0.00	39.94 -1.58 0.00	42.86 -1.19 0.00	50.25 -2.92 0.00	54.20 -3.77 0.00	51.74 -4.07 0.00	49.08 -3.24 0.00	48.80 -2.35 0.00	46.32 -2.28 0.00	44.19 -2.37 0.00	44.43 -2.24 0.00	46.99 -2.79 0.00	51.07 -3.67 0.00	61.35 -5.26 0.00	73.49 -5.87 0.00	65.87 -5.96 0.00	60.83 -5.65 0.00	59.10 -5.35 0.00	53.77 -4.36 0.00	51.09 -3.15 0.00	47.99 -2.05 0.00
CH_RES_SYRACUSE 23985	48.64 -0.49 0.00	46.85 -0.57 0.00	43.10 -0.57 0.00	41.64 -0.50 0.00	41.02 -0.50 0.00	43.56 -0.48 0.00	52.49 -0.69 0.00	57.21 -0.76 0.00	55.04 -0.78 0.00	51.70 -0.63 0.00	50.59 -0.56 0.00	48.03 -0.58 0.00	46.00 -0.56 0.00	46.15 -0.51 0.00	49.19 -0.60 0.00	54.02 -0.71 0.00	65.74 -0.87 0.00	78.41 -0.95 0.00	70.83 -1.01 0.00	65.55 -0.93 0.00	63.54 -0.90 0.00	57.32 -0.81 0.00	53.58 -0.65 0.00	49.54 -0.50 0.00
CLINTON_WT_PWR 323605	48.09 -1.03 0.00	46.70 -0.71 0.00	43.27 -0.39 0.00	41.60 -0.55 0.00	40.97 -0.54 0.00	43.21 -0.84 0.00	52.06 -1.12 0.00	56.63 -1.33 0.00	54.09 -1.73 0.00	50.81 -1.52 0.00	49.83 -1.33 0.00	47.25 -1.36 0.00	45.26 -1.30 0.00	45.36 -1.31 0.00	48.34 -1.45 0.00	52.82 -1.92 0.00	64.27 -2.33 0.00	76.66 -2.70 0.00	69.75 -2.09 0.00	65.02 -1.46 0.00	63.54 -0.90 0.00	57.09 -1.04 0.00	53.20 -1.03 0.00	48.89 -1.15 0.00
CLINTON___LFGE 323618	48.54 -0.59 0.00	47.13 -0.28 0.00	43.71 0.04 0.00	41.98 -0.17 0.00	41.39 -0.12 0.00	43.65 -0.40 0.00	52.59 -0.58 0.00	57.15 -0.81 0.00	54.54 -1.28 0.00	51.23 -1.10 0.00	50.24 -0.92 0.00	47.68 -0.93 0.00	45.67 -0.89 0.00	45.78 -0.89 0.00	48.83 -0.95 0.00	53.31 -1.42 0.00	64.88 -1.73 0.00	77.46 -1.91 0.00	70.54 -1.29 0.00	65.75 -0.73 0.00	64.32 -0.13 0.00	57.73 -0.40 0.00	53.69 -0.54 0.00	49.34 -0.70 0.00
COBBLENY_34_KV_TB1 80064	49.28 0.15 0.00	47.18 -0.24 0.00	43.27 -0.39 0.00	41.89 -0.25 0.00	41.22 -0.29 0.00	44.22 0.18 0.00	52.01 -1.17 0.00	56.28 -1.68 0.00	53.75 -2.07 0.00	50.92 -1.41 0.00	50.59 -0.56 0.00	47.98 -0.63 0.00	45.82 -0.74 0.00	46.11 -0.56 0.00	48.69 -1.10 0.00	52.93 -1.81 0.00	63.81 -2.80 0.00	76.58 -2.78 0.00	68.82 -3.02 0.00	63.49 -2.99 0.00	61.61 -2.84 0.00	55.92 -2.21 0.00	52.93 -1.30 0.00	49.64 -0.40 0.00
COFFEEN___115KV_TB3 355620	49.23 0.10 0.00	47.56 0.14 0.00	43.62 -0.04 0.00	42.10 -0.04 0.00	41.31 -0.21 0.00	43.65 -0.40 0.00	52.54 -0.64 0.00	57.56 -0.41 0.00	54.98 -0.84 0.00	51.28 -1.05 0.00	49.77 -1.38 0.00	47.20 -1.41 0.00	45.30 -1.26 0.00	45.41 -1.26 0.00	48.39 -1.39 0.00	53.80 -0.93 0.00	66.21 -0.40 0.00	79.76 0.40 0.00	72.41 0.57 0.00	67.15 0.66 0.00	65.61 1.16 0.00	58.89 0.76 0.00	54.88 0.65 0.00	50.74 0.70 0.00
COLDSPRG_115KV_BK1 355956	50.31 1.18 0.00	48.22 0.81 0.00	44.24 0.57 0.00	42.82 0.67 0.00	42.14 0.62 0.00	45.24 1.19 0.00	53.50 0.32 0.00	58.14 0.17 0.00	55.37 -0.45 0.00	52.49 0.16 0.00	52.23 1.07 0.00	49.43 0.83 0.00	47.12 0.56 0.00	47.46 0.79 0.00	49.98 0.20 0.00	54.29 -0.44 0.00	65.67 -0.93 0.00	78.97 -0.40 0.00	70.76 -1.08 0.00	65.22 -1.26 0.00	63.29 -1.16 0.00	57.26 -0.87 0.00	54.07 -0.16 0.00	50.54 0.50 0.00
COLONIE_LFGE___ 323577	50.60 1.47 0.00	48.93 1.52 0.00	45.20 1.53 0.00	43.62 1.47 0.00	42.97 1.45 0.00	45.63 1.58 0.00	55.15 1.97 0.00	60.17 2.20 0.00	57.94 2.12 0.00	53.85 1.52 0.00	52.54 1.38 0.00	49.87 1.26 0.00	47.73 1.16 0.00	47.78 1.12 0.00	51.23 1.44 0.00	56.59 1.86 0.00	69.14 2.53 0.00	82.21 2.85 0.00	74.56 2.73 0.00	68.75 2.26 0.00	66.64 2.19 0.00	60.05 1.92 0.00	55.97 1.74 0.00	51.54 1.50 0.00
COOPERNY_115KV_TB1 80082	50.75 1.62 0.00	48.93 1.52 0.00	44.98 1.31 0.00	43.37 1.22 0.00	42.72 1.20 0.00	45.32 1.28 0.00	54.99 1.81 0.00	59.99 2.03 0.00	57.88 2.07 0.00	54.42 2.09 0.00	53.20 2.05 0.00	50.60 1.99 0.00	48.47 1.91 0.00	48.58 1.91 0.00	51.77 1.99 0.00	56.81 2.08 0.00	69.01 2.40 0.00	82.30 2.94 0.00	74.56 2.73 0.00	69.01 2.53 0.00	66.89 2.45 0.00	60.34 2.21 0.00	56.13 1.90 0.00	51.74 1.70 0.00
COPENHAGEN_WT_PWR 323753	48.88 -0.24 0.00	47.18 -0.24 0.00	43.32 -0.35 0.00	41.76 -0.38 0.00	41.02 -0.50 0.00	43.34 -0.71 0.00	52.17 -1.01 0.00	57.10 -0.87 0.00	54.64 -1.17 0.00	51.02 -1.31 0.00	49.62 -1.53 0.00	47.10 -1.51 0.00	45.17 -1.40 0.00	45.27 -1.40 0.00	48.29 -1.49 0.00	53.53 -1.20 0.00	65.74 -0.87 0.00	79.05 -0.32 0.00	71.69 -0.14 0.00	66.48 0.00 0.00	64.90 0.45 0.00	58.31 0.17 0.00	54.40 0.16 0.00	50.19 0.15 0.00
CORNELL_____ 23752	49.96 0.84 0.00	48.08 0.66 0.00	44.19 0.52 0.00	42.73 0.59 0.00	42.06 0.54 0.00	44.71 0.66 0.00	53.92 0.74 0.00	58.72 0.75 0.00	56.32 0.50 0.00	52.85 0.52 0.00	51.62 0.46 0.00	48.95 0.34 0.00	46.89 0.33 0.00	47.09 0.42 0.00	50.13 0.35 0.00	55.17 0.44 0.00	67.34 0.73 0.00	80.39 1.03 0.00	72.69 0.86 0.00	67.35 0.86 0.00	65.28 0.84 0.00	58.83 0.70 0.00	54.99 0.76 0.00	50.89 0.85 0.00

CORONA__69_KV_TB1 355595	53.11 3.98 0.00	50.78 3.37 0.00	46.64 2.97 0.00	44.88 2.74 0.00	44.17 2.66 0.00	47.00 2.95 0.00	57.33 4.15 0.00	61.73 3.77 0.00	60.06 4.24 0.00	57.31 4.97 -0.01	55.93 4.76 -0.01	53.19 4.57 -0.02	51.00 4.42 -0.02	51.07 4.39 -0.02	54.42 4.63 -0.01	59.67 4.93 -0.01	71.67 5.06 0.00	85.55 6.19 0.00	77.72 5.89 0.00	71.94 5.45 0.00	69.02 4.58 0.00	62.32 4.19 0.00	58.46 4.23 0.00	54.04 4.00 0.00
CORTLAND__115KV_TB3 80093	49.47 0.34 0.00	47.65 0.24 0.00	43.84 0.17 0.00	42.36 0.21 0.00	41.72 0.21 0.00	44.31 0.26 0.00	53.44 0.27 0.00	58.20 0.23 0.00	55.93 0.11 0.00	52.49 0.16 0.00	51.31 0.15 0.00	48.71 0.10 0.00	46.65 0.09 0.00	46.81 0.14 0.00	49.83 0.05 0.00	54.79 0.05 0.00	66.81 0.20 0.00	79.68 0.32 0.00	72.05 0.22 0.00	66.68 0.20 0.00	64.70 0.26 0.00	58.31 0.17 0.00	54.50 0.27 0.00	50.39 0.35 0.00
COXSACKIE__GT 23611	52.52 3.39 0.00	50.68 3.27 0.00	46.68 3.01 0.00	44.97 2.82 0.00	44.34 2.82 0.00	47.13 3.08 0.00	57.01 3.83 0.00	62.37 4.40 0.00	59.89 4.07 0.00	55.36 3.03 0.00	53.40 2.25 0.00	50.16 1.56 0.00	48.19 1.63 0.00	48.20 1.54 0.00	51.77 1.99 0.00	57.58 2.84 0.00	71.27 4.66 0.00	84.28 4.92 0.00	76.50 4.67 0.00	70.54 4.06 0.00	68.25 3.80 0.00	61.62 3.49 0.00	57.43 3.20 0.00	52.94 2.90 0.00
CPV_VALLEY__CC1 323721	50.99 1.87 0.00	49.17 1.76 0.00	45.20 1.53 0.00	43.58 1.43 0.00	42.93 1.41 0.00	45.59 1.54 0.00	55.31 2.13 0.00	60.34 2.38 0.00	58.33 2.51 0.00	54.84 2.51 0.00	53.61 2.46 0.00	50.99 2.38 0.00	48.89 2.33 0.00	49.00 2.33 0.00	52.17 2.39 0.00	57.25 2.52 0.00	69.47 2.86 0.00	82.85 3.49 0.00	75.07 3.24 0.00	69.48 2.99 0.00	67.28 2.83 0.00	60.75 2.62 0.00	56.51 2.28 0.00	52.04 2.00 0.00
CPV_VALLEY__CC2 323722	50.99 1.87 0.00	49.17 1.76 0.00	45.20 1.53 0.00	43.58 1.43 0.00	42.93 1.41 0.00	45.59 1.54 0.00	55.31 2.13 0.00	60.34 2.38 0.00	58.33 2.51 0.00	54.84 2.51 0.00	53.61 2.46 0.00	50.99 2.38 0.00	48.89 2.33 0.00	49.00 2.33 0.00	52.17 2.39 0.00	57.25 2.52 0.00	69.47 2.86 0.00	82.85 3.49 0.00	75.07 3.24 0.00	69.48 2.99 0.00	67.28 2.83 0.00	60.75 2.62 0.00	56.51 2.28 0.00	52.04 2.00 0.00
CRESCENT__HYD 24018	50.60 1.47 0.00	48.93 1.52 0.00	45.20 1.53 0.00	43.62 1.47 0.00	42.97 1.45 0.00	45.63 1.58 0.00	55.15 1.97 0.00	60.17 2.20 0.00	57.94 2.12 0.00	53.85 1.52 0.00	52.54 1.38 0.00	49.87 1.26 0.00	47.73 1.16 0.00	47.78 1.12 0.00	51.23 1.44 0.00	56.59 1.86 0.00	69.14 2.53 0.00	82.21 2.85 0.00	74.56 2.73 0.00	68.75 2.26 0.00	66.64 2.19 0.00	60.05 1.92 0.00	55.97 1.74 0.00	51.54 1.50 0.00
CRICKET__VALLEY_CC1 323756	50.75 1.62 0.00	48.93 1.52 0.00	45.02 1.36 0.00	43.37 1.22 0.00	42.72 1.20 0.00	45.32 1.28 0.00	55.09 1.91 0.00	60.11 2.15 0.00	58.11 2.29 0.00	54.63 2.30 0.00	53.40 2.25 0.00	50.85 2.24 0.00	48.75 2.19 0.00	48.81 2.15 0.00	52.07 2.29 0.00	57.14 2.41 0.00	69.20 2.60 0.00	82.45 3.09 0.00	74.85 3.02 0.00	69.21 2.73 0.00	67.03 2.58 0.00	60.52 2.38 0.00	56.29 2.06 0.00	51.79 1.75 0.00
CRICKET__VALLEY_CC2 323757	50.75 1.62 0.00	48.93 1.52 0.00	45.02 1.36 0.00	43.37 1.22 0.00	42.72 1.20 0.00	45.32 1.28 0.00	55.09 1.91 0.00	60.11 2.15 0.00	58.11 2.29 0.00	54.63 2.30 0.00	53.40 2.25 0.00	50.85 2.24 0.00	48.75 2.19 0.00	48.81 2.15 0.00	52.07 2.29 0.00	57.14 2.41 0.00	69.20 2.60 0.00	82.45 3.09 0.00	74.85 3.02 0.00	69.21 2.73 0.00	67.03 2.58 0.00	60.52 2.38 0.00	56.29 2.06 0.00	51.79 1.75 0.00
CRICKET__VALLEY_CC3 323758	50.75 1.62 0.00	48.93 1.52 0.00	45.02 1.36 0.00	43.37 1.22 0.00	42.72 1.20 0.00	45.32 1.28 0.00	55.09 1.91 0.00	60.11 2.15 0.00	58.11 2.29 0.00	54.63 2.30 0.00	53.40 2.25 0.00	50.85 2.24 0.00	48.75 2.19 0.00	48.81 2.15 0.00	52.07 2.29 0.00	57.14 2.41 0.00	69.20 2.60 0.00	82.45 3.09 0.00	74.85 3.02 0.00	69.21 2.73 0.00	67.03 2.58 0.00	60.52 2.38 0.00	56.29 2.06 0.00	51.79 1.75 0.00
CRUCIBLE_METL_DRP 24180	48.64 -0.49 0.00	46.84 -0.57 0.00	43.10 -0.57 0.00	41.64 -0.51 0.00	41.02 -0.50 0.00	43.56 -0.48 0.00	52.49 -0.69 0.00	57.21 -0.75 0.00	55.04 -0.78 0.00	51.70 -0.63 0.00	50.59 -0.56 0.00	48.02 -0.58 0.00	46.00 -0.56 0.00	46.15 -0.51 0.00	49.18 -0.60 0.00	54.02 -0.71 0.00	65.74 -0.87 0.00	78.41 -0.95 0.00	70.83 -1.01 0.00	65.55 -0.93 0.00	63.54 -0.90 0.00	57.32 -0.81 0.00	53.58 -0.65 0.00	49.49 -0.55 0.00
DAHOWA__HYDRO 323763	51.88 2.75 0.00	50.16 2.75 0.00	46.29 2.62 0.00	44.63 2.49 0.00	43.92 2.41 0.00	46.73 2.69 0.00	56.42 3.24 0.00	61.68 3.71 0.00	59.28 3.46 0.00	55.15 2.82 0.00	53.71 2.56 0.00	50.85 2.24 0.00	48.66 2.10 0.00	48.63 1.96 0.00	52.07 2.29 0.00	57.74 3.01 0.00	70.81 4.20 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.54 4.06 0.00	68.44 4.00 0.00	61.68 3.55 0.00	57.49 3.25 0.00	52.89 2.85 0.00
DANC__LFGE 323619	48.49 -0.64 0.00	46.75 -0.66 0.00	42.97 -0.70 0.00	41.47 -0.68 0.00	40.77 -0.75 0.00	43.12 -0.93 0.00	51.90 -1.28 0.00	56.69 -1.28 0.00	54.37 -1.45 0.00	50.92 -1.41 0.00	49.62 -1.53 0.00	47.15 -1.46 0.00	45.17 -1.40 0.00	45.31 -1.35 0.00	48.29 -1.49 0.00	53.31 -1.42 0.00	65.21 -1.40 0.00	78.25 -1.11 0.00	70.90 -0.94 0.00	65.69 -0.79 0.00	63.93 -0.52 0.00	57.55 -0.58 0.00	53.80 -0.44 0.00	49.64 -0.40 0.00
DANSKAMMER__1 23586	51.78 2.65 0.00	49.88 2.46 0.00	45.85 2.18 0.00	44.17 2.02 0.00	43.51 1.99 0.00	46.20 2.16 0.00	56.16 2.98 0.00	61.32 3.36 0.00	59.34 3.52 0.00	55.78 3.45 0.00	54.43 3.28 0.00	51.67 3.06 0.00	49.59 3.02 0.00	49.65 2.99 0.00	52.97 3.19 0.00	58.13 3.39 0.00	70.60 4.00 0.00	84.20 4.84 0.00	76.36 4.53 0.00	70.68 4.19 0.00	68.38 3.93 0.00	61.74 3.61 0.00	57.43 3.20 0.00	52.84 2.80 0.00
DANSKAMMER__2 23589	51.78 2.65 0.00	49.88 2.46 0.00	45.85 2.18 0.00	44.17 2.02 0.00	43.51 1.99 0.00	46.20 2.16 0.00	56.16 2.98 0.00	61.32 3.36 0.00	59.34 3.52 0.00	55.78 3.45 0.00	54.43 3.28 0.00	51.67 3.06 0.00	49.59 3.02 0.00	49.65 2.99 0.00	52.97 3.19 0.00	58.13 3.39 0.00	70.60 4.00 0.00	84.20 4.84 0.00	76.36 4.53 0.00	70.68 4.19 0.00	68.38 3.93 0.00	61.74 3.61 0.00	57.43 3.20 0.00	52.84 2.80 0.00
DANSKAMMER__3 23590	51.78 2.65 0.00	49.88 2.46 0.00	45.85 2.18 0.00	44.17 2.02 0.00	43.51 1.99 0.00	46.20 2.16 0.00	56.16 2.98 0.00	61.32 3.36 0.00	59.34 3.52 0.00	55.78 3.45 0.00	54.43 3.28 0.00	51.67 3.06 0.00	49.59 3.02 0.00	49.65 2.99 0.00	52.97 3.19 0.00	58.13 3.39 0.00	70.60 4.00 0.00	84.20 4.84 0.00	76.36 4.53 0.00	70.68 4.19 0.00	68.38 3.93 0.00	61.74 3.61 0.00	57.43 3.20 0.00	52.84 2.80 0.00



E179THST_13_KV_LOAD 356214	52.17 3.05 0.00	50.16 2.75 0.00	46.11 2.45 0.00	44.38 2.23 0.00	43.67 2.16 0.00	46.42 2.38 0.00	56.48 3.30 0.00	61.62 3.65 0.00	59.78 3.96 0.00	56.36 4.03 0.00	55.09 3.94 0.00	52.55 3.94 0.00	50.33 3.77 0.00	50.45 3.78 0.00	53.76 3.98 0.00	58.89 4.16 0.00	71.00 4.40 0.00	84.84 5.48 0.00	76.93 5.10 0.00	71.21 4.72 0.00	69.02 4.58 0.00	62.26 4.13 0.00	57.98 3.74 0.00	53.19 3.15 0.00
EAST HAMPTON___GT 23717	54.14 5.01 0.00	51.82 4.41 0.00	47.86 4.19 0.00	46.23 4.09 0.00	45.50 3.99 0.00	48.41 4.36 0.00	58.18 5.00 0.00	61.68 3.71 0.00	60.01 4.19 0.00	57.88 5.54 -0.01	56.69 5.53 -0.01	54.01 5.39 -0.01	51.65 5.08 -0.01	51.85 5.18 -0.01	55.51 5.72 -0.01	60.82 6.07 -0.01	72.80 6.20 0.00	85.63 6.27 0.00	78.73 6.90 0.00	72.34 5.85 0.00	68.70 4.25 0.00	62.09 3.96 0.00	58.14 3.91 0.00	54.49 4.45 0.00
EAST RIVER___6 23660	51.83 2.70 0.00	49.83 2.42 0.00	45.81 2.14 0.00	44.13 1.98 0.00	43.43 1.91 0.00	46.16 2.11 0.00	56.21 3.03 0.00	61.38 3.42 0.00	59.50 3.68 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.30 3.69 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.62 3.89 0.00	70.87 4.27 0.00	84.60 5.24 0.00	76.79 4.95 0.00	71.01 4.52 0.00	68.76 4.32 0.00	61.91 3.78 0.00	57.60 3.36 0.00	52.89 2.85 0.00
EAST RIVER___7 23524	51.83 2.70 0.00	49.83 2.42 0.00	45.81 2.14 0.00	44.13 1.98 0.00	43.43 1.91 0.00	46.16 2.11 0.00	56.21 3.03 0.00	61.38 3.42 0.00	59.50 3.68 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.30 3.69 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.62 3.89 0.00	70.87 4.27 0.00	84.60 5.24 0.00	76.79 4.95 0.00	71.01 4.52 0.00	68.76 4.32 0.00	61.91 3.78 0.00	57.60 3.36 0.00	52.89 2.85 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.63 2.51 0.00	49.74 2.32 0.00	45.72 2.05 0.00	44.04 1.90 0.00	43.34 1.83 0.00	46.07 2.03 0.00	56.00 2.82 0.00	61.09 3.13 0.00	59.11 3.29 0.00	55.68 3.35 0.00	54.48 3.33 0.00	51.86 3.26 0.00	49.73 3.17 0.00	49.79 3.13 0.00	53.07 3.29 0.00	58.18 3.45 0.00	70.40 3.80 0.00	84.04 4.68 0.00	76.21 4.38 0.00	70.54 4.06 0.00	68.31 3.87 0.00	61.56 3.43 0.00	57.27 3.04 0.00	52.64 2.60 0.00
EAST_HAMPTON___DIESEL 23722	54.04 4.91 0.00	51.77 4.36 0.00	47.82 4.15 0.00	46.23 4.09 0.00	45.50 3.99 0.00	48.37 4.32 0.00	58.13 4.95 0.00	61.56 3.60 0.00	59.89 4.07 0.00	57.78 5.44 -0.01	56.58 5.42 -0.01	53.92 5.30 -0.01	51.55 4.98 -0.01	51.76 5.09 -0.01	55.41 5.62 -0.01	60.71 5.97 -0.01	72.67 6.06 0.00	85.39 6.03 0.00	78.51 6.68 0.00	72.13 5.65 0.00	68.57 4.13 0.00	61.91 3.78 0.00	57.97 3.74 0.00	54.39 4.35 0.00
EAST_POINT___SOLAR 323840	51.10 1.97 0.00	49.36 1.94 0.00	45.42 1.75 0.00	43.79 1.64 0.00	43.09 1.58 0.00	45.85 1.81 0.00	55.57 2.40 0.00	60.57 2.61 0.00	57.27 1.45 0.00	52.59 0.26 0.00	51.16 0.00 0.00	48.51 -0.10 0.00	46.42 -0.14 0.00	46.67 0.00 0.00	50.13 0.35 0.00	56.32 1.59 0.00	69.80 3.20 0.00	83.57 4.20 0.00	75.85 4.02 0.00	69.87 3.39 0.00	67.80 3.35 0.00	61.10 2.96 0.00	56.84 2.60 0.00	52.19 2.15 0.00
EAST_PULASKI___ESR 323781	48.19 -0.93 0.00	46.47 -0.95 0.00	42.71 -0.96 0.00	41.26 -0.89 0.00	40.60 -0.91 0.00	43.04 -1.01 0.00	51.75 -1.43 0.00	56.46 -1.51 0.00	54.26 -1.56 0.00	50.92 -1.41 0.00	49.72 -1.43 0.00	47.25 -1.36 0.00	45.26 -1.30 0.00	45.41 -1.26 0.00	48.39 -1.39 0.00	53.26 -1.48 0.00	64.94 -1.66 0.00	77.62 -1.75 0.00	70.25 -1.58 0.00	65.02 -1.46 0.00	63.16 -1.29 0.00	56.97 -1.16 0.00	53.26 -0.97 0.00	49.14 -0.90 0.00
EAST_RIVER___1 323558	51.93 2.80 0.00	49.97 2.56 0.00	45.89 2.23 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.32 3.14 0.00	61.50 3.54 0.00	59.56 3.74 0.00	56.10 3.77 0.00	54.89 3.73 0.00	52.30 3.69 0.00	50.15 3.59 0.00	50.21 3.54 0.00	53.52 3.74 0.00	58.62 3.89 0.00	70.93 4.33 0.00	84.60 5.24 0.00	76.79 4.95 0.00	71.01 4.52 0.00	68.83 4.38 0.00	62.03 3.90 0.00	57.71 3.47 0.00	52.99 2.95 0.00
EAST_RIVER___2 323559	51.83 2.70 0.00	49.83 2.42 0.00	45.81 2.14 0.00	44.13 1.98 0.00	43.43 1.91 0.00	46.16 2.11 0.00	56.21 3.03 0.00	61.38 3.42 0.00	59.50 3.68 0.00	56.04 3.72 0.00	54.84 3.69 0.00	52.30 3.69 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.62 3.89 0.00	70.87 4.27 0.00	84.60 5.24 0.00	76.79 4.95 0.00	71.01 4.52 0.00	68.76 4.32 0.00	61.91 3.78 0.00	57.60 3.36 0.00	52.89 2.85 0.00
EAST___DELAWARE_HYD 23607	51.93 2.80 0.00	50.02 2.61 0.00	45.94 2.27 0.00	44.25 2.11 0.00	43.59 2.07 0.00	46.34 2.29 0.00	56.32 3.14 0.00	61.50 3.54 0.00	59.45 3.63 0.00	55.78 3.45 0.00	54.33 3.17 0.00	51.52 2.92 0.00	49.40 2.84 0.00	49.51 2.85 0.00	52.82 3.04 0.00	58.07 3.34 0.00	70.67 4.06 0.00	84.45 5.08 0.00	76.57 4.74 0.00	70.87 4.39 0.00	68.63 4.19 0.00	61.97 3.84 0.00	57.71 3.47 0.00	53.09 3.05 0.00
EIGHT_POINT___WT_PWR 323820	50.01 0.89 0.00	48.03 0.61 0.00	44.10 0.44 0.00	42.69 0.55 0.00	42.02 0.50 0.00	44.93 0.88 0.00	53.39 0.21 0.00	57.85 -0.12 0.00	55.15 -0.67 0.00	52.02 -0.31 0.00	51.16 0.00 0.00	48.46 -0.15 0.00	46.33 -0.23 0.00	46.67 0.00 0.00	49.44 -0.35 0.00	53.97 -0.77 0.00	65.61 -1.00 0.00	78.65 -0.72 0.00	70.97 -0.86 0.00	65.75 -0.73 0.00	63.86 -0.58 0.00	57.79 -0.35 0.00	54.29 0.05 0.00	50.74 0.70 0.00
ELBRIDGE_115KV_TB2 80188	48.39 -0.74 0.00	46.61 -0.81 0.00	42.88 -0.79 0.00	41.47 -0.67 0.00	40.85 -0.66 0.00	43.39 -0.66 0.00	52.27 -0.90 0.00	56.92 -1.04 0.00	54.76 -1.06 0.00	51.39 -0.94 0.00	50.34 -0.82 0.00	47.78 -0.83 0.00	45.77 -0.79 0.00	45.92 -0.75 0.00	48.89 -0.90 0.00	53.69 -1.04 0.00	65.41 -1.20 0.00	77.93 -1.43 0.00	70.47 -1.36 0.00	65.22 -1.26 0.00	63.22 -1.22 0.00	57.03 -1.10 0.00	53.31 -0.92 0.00	49.24 -0.80 0.00
ELEC_TRO_TEK 24086	52.76 3.64 0.00	50.45 3.03 0.00	46.38 2.71 0.00	44.63 2.49 0.00	43.92 2.41 0.00	46.73 2.69 0.00	57.01 3.83 0.00	61.38 3.42 0.00	59.78 3.96 0.00	57.00 4.66 -0.01	55.62 4.45 -0.01	52.90 4.28 -0.01	50.67 4.10 -0.01	50.79 4.11 -0.01	54.12 4.33 -0.01	59.34 4.60 -0.01	71.27 4.66 0.00	85.00 5.63 0.00	77.22 5.39 0.00	71.47 4.99 0.00	68.57 4.12 0.00	61.91 3.78 0.00	58.08 3.85 0.00	53.74 3.70 0.00
ELLENBURG_WT_PWR 323604	48.09 -1.03 0.00	46.70 -0.71 0.00	43.27 -0.39 0.00	41.60 -0.55 0.00	40.97 -0.54 0.00	43.21 -0.84 0.00	52.06 -1.12 0.00	56.63 -1.33 0.00	54.09 -1.73 0.00	50.81 -1.52 0.00	49.83 -1.33 0.00	47.25 -1.36 0.00	45.26 -1.30 0.00	45.36 -1.31 0.00	48.34 -1.45 0.00	52.82 -1.92 0.00	64.27 -2.33 0.00	76.66 -2.70 0.00	69.75 -2.09 0.00	65.02 -1.46 0.00	63.54 -0.90 0.00	57.09 -1.04 0.00	53.20 -1.03 0.00	48.89 -1.15 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.03 -0.10 0.00	46.99 -0.43 0.00	43.06 -0.61 0.00	41.72 -0.42 0.00	41.02 -0.50 0.00	44.00 -0.04 0.00	51.69 -1.49 0.00	55.88 -2.09 0.00	53.36 -2.46 0.00	50.55 -1.78 0.00	50.23 -0.92 0.00	47.64 -0.97 0.00	45.49 -1.07 0.00	45.73 -0.93 0.00	48.34 -1.44 0.00	52.54 -2.19 0.00	63.28 -3.33 0.00	75.95 -3.41 0.00	68.17 -3.66 0.00	62.89 -3.59 0.00	61.09 -3.35 0.00	55.46 -2.67 0.00	52.55 -1.68 0.00	49.34 -0.70 0.00
EMPIRE_CC_1 323656	49.87 0.74 0.00	48.22 0.81 0.00	44.59 0.92 0.00	43.03 0.89 0.00	42.43 0.91 0.00	45.01 0.97 0.00	54.35 1.17 0.00	59.18 1.22 0.00	57.05 1.23 0.00	53.01 0.68 0.00	51.67 0.51 0.00	49.09 0.49 0.00	47.07 0.51 0.00	47.13 0.47 0.00	50.48 0.70 0.00	55.72 0.99 0.00	68.01 1.40 0.00	80.71 1.35 0.00	73.19 1.36 0.00	67.61 1.13 0.00	65.47 1.03 0.00	59.01 0.87 0.00	54.99 0.76 0.00	50.74 0.70 0.00
EMPIRE_CC_2 323658	49.87 0.74 0.00	48.22 0.81 0.00	44.59 0.92 0.00	43.03 0.89 0.00	42.43 0.91 0.00	45.01 0.97 0.00	54.35 1.17 0.00	59.18 1.22 0.00	57.05 1.23 0.00	53.01 0.68 0.00	51.67 0.51 0.00	49.09 0.49 0.00	47.07 0.51 0.00	47.13 0.47 0.00	50.48 0.70 0.00	55.72 0.99 0.00	68.01 1.40 0.00	80.71 1.35 0.00	73.19 1.36 0.00	67.61 1.13 0.00	65.47 1.03 0.00	59.01 0.87 0.00	54.99 0.76 0.00	50.74 0.70 0.00
ENORWICH_115KV_TB1 80156	52.27 3.14 0.00	50.40 2.99 0.00	46.24 2.58 0.00	44.72 2.57 0.00	43.96 2.45 0.00	46.69 2.64 0.00	56.42 3.24 0.00	61.85 3.88 0.00	59.11 3.29 0.00	55.21 2.88 0.00	53.51 2.35 0.00	50.70 2.09 0.00	48.52 1.96 0.00	48.72 2.05 0.00	51.77 1.99 0.00	57.52 2.79 0.00	70.67 4.06 0.00	85.00 5.63 0.00	76.86 5.03 0.00	71.14 4.65 0.00	68.96 4.51 0.00	61.91 3.78 0.00	57.81 3.58 0.00	53.49 3.45 0.00
ERIE_ST__34_KV_TB1-2 80199	49.32 0.20 0.00	47.13 -0.28 0.00	43.32 -0.35 0.00	41.93 -0.21 0.00	41.27 -0.25 0.00	44.27 0.22 0.00	52.12 -1.12 0.00	56.46 -1.51 0.00	53.87 -1.95 0.00	51.02 -1.31 0.00	50.75 -0.41 0.00	48.12 -0.49 0.00	45.91 -0.65 0.00	46.20 -0.47 0.00	48.79 -1.00 0.00	53.04 -1.70 0.00	64.01 -2.60 0.00	76.74 -2.62 0.00	68.96 -2.87 0.00	63.69 -2.79 0.00	61.80 -2.64 0.00	56.04 -2.09 0.00	53.04 -1.19 0.00	49.69 -0.35 0.00
ERIE_WT_PWR 323693	49.28 0.15 0.00	47.18 -0.24 0.00	43.32 -0.35 0.00	41.89 -0.25 0.00	41.23 -0.29 0.00	44.22 0.18 0.00	52.06 -1.12 0.00	56.23 -1.74 0.00	53.64 -2.18 0.00	51.02 -1.31 0.00	50.49 -0.67 0.00	47.93 -0.68 0.00	45.72 -0.84 0.00	46.01 -0.65 0.00	48.59 -1.20 0.00	52.87 -1.86 0.00	63.68 -2.93 0.00	76.51 -2.85 0.00	68.60 -3.23 0.00	63.36 -3.12 0.00	61.55 -2.90 0.00	55.81 -2.33 0.00	52.88 -1.35 0.00	49.64 -0.40 0.00
ESPRGFLD_115KV_TB1 80157	49.91 0.79 0.00	48.22 0.81 0.00	44.32 0.66 0.00	42.73 0.59 0.00	42.06 0.54 0.00	44.71 0.66 0.00	54.14 0.96 0.00	59.12 1.16 0.00	56.49 0.67 0.00	52.64 0.31 0.00	51.16 0.00 0.00	48.61 0.00 0.00	46.51 -0.05 0.00	46.71 0.05 0.00	49.88 0.10 0.00	55.44 0.71 0.00	68.01 1.40 0.00	81.35 1.98 0.00	73.70 1.87 0.00	68.15 1.66 0.00	66.06 1.61 0.00	59.53 1.40 0.00	55.37 1.14 0.00	50.99 0.95 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.82 0.69 0.00	47.98 0.57 0.00	44.10 0.44 0.00	42.65 0.51 0.00	42.01 0.50 0.00	44.62 0.57 0.00	53.82 0.64 0.00	58.60 0.64 0.00	56.27 0.45 0.00	52.75 0.42 0.00	51.51 0.36 0.00	48.90 0.29 0.00	46.84 0.28 0.00	46.99 0.33 0.00	50.03 0.25 0.00	55.06 0.33 0.00	67.21 0.60 0.00	80.24 0.87 0.00	72.62 0.79 0.00	67.22 0.73 0.00	65.15 0.71 0.00	58.71 0.58 0.00	54.88 0.65 0.00	50.74 0.70 0.00
ETNA____115KV_TB2 80207	49.82 0.69 0.00	47.98 0.57 0.00	44.10 0.44 0.00	42.65 0.51 0.00	42.01 0.50 0.00	44.62 0.57 0.00	53.82 0.64 0.00	58.60 0.64 0.00	56.27 0.45 0.00	52.75 0.42 0.00	51.51 0.36 0.00	48.90 0.29 0.00	46.84 0.28 0.00	46.99 0.33 0.00	50.03 0.25 0.00	55.06 0.33 0.00	67.21 0.60 0.00	80.24 0.87 0.00	72.62 0.79 0.00	67.22 0.73 0.00	65.15 0.71 0.00	58.71 0.58 0.00	54.88 0.65 0.00	50.74 0.70 0.00
EUCLID___115KV_TB2 356179	48.19 -0.93 0.00	46.42 -1.00 0.00	42.71 -0.96 0.00	41.26 -0.89 0.00	40.64 -0.87 0.00	43.17 -0.88 0.00	51.96 -1.22 0.00	56.63 -1.33 0.00	54.48 -1.34 0.00	51.13 -1.20 0.00	50.08 -1.07 0.00	47.59 -1.02 0.00	45.58 -0.98 0.00	45.69 -0.98 0.00	48.69 -1.10 0.00	53.47 -1.26 0.00	65.01 -1.60 0.00	77.54 -1.83 0.00	70.04 -1.80 0.00	64.82 -1.66 0.00	62.83 -1.61 0.00	56.74 -1.40 0.00	53.04 -1.19 0.00	48.99 -1.05 0.00
E_CANADA_CAP_HY 24051	49.91 0.78 0.00	48.22 0.81 0.00	44.36 0.70 0.00	42.78 0.63 0.00	42.10 0.58 0.00	44.75 0.70 0.00	54.24 1.06 0.00	59.18 1.22 0.00	56.16 0.34 0.00	51.91 -0.42 0.00	50.39 -0.77 0.00	47.78 -0.83 0.00	45.72 -0.84 0.00	45.92 -0.75 0.00	49.19 -0.60 0.00	55.12 0.39 0.00	67.87 1.26 0.00	81.26 1.90 0.00	73.84 2.01 0.00	68.08 1.59 0.00	65.99 1.54 0.00	59.64 1.51 0.00	55.42 1.19 0.00	50.99 0.95 0.00
E_CANADA_MHWK_HY 24050	52.08 2.95 0.00	50.35 2.94 0.00	46.38 2.71 0.00	44.80 2.66 0.00	44.13 2.62 0.00	46.82 2.78 0.00	56.53 3.35 0.00	61.73 3.77 0.00	59.34 3.52 0.00	55.57 3.25 0.00	54.22 3.07 0.00	51.48 2.87 0.00	49.26 2.70 0.00	49.32 2.66 0.00	52.62 2.84 0.00	57.91 3.17 0.00	70.47 3.86 0.00	84.04 4.68 0.00	76.14 4.31 0.00	70.54 4.06 0.00	68.44 4.00 0.00	61.91 3.78 0.00	57.81 3.58 0.00	53.39 3.35 0.00
E_FISHKILL___LBMP 23776	51.24 2.11 0.00	49.36 1.94 0.00	45.41 1.75 0.00	43.75 1.60 0.00	43.09 1.58 0.00	45.76 1.72 0.00	55.57 2.39 0.00	60.63 2.67 0.00	58.67 2.85 0.00	55.15 2.83 0.00	53.92 2.76 0.00	51.33 2.72 0.00	49.21 2.65 0.00	49.28 2.61 0.00	52.57 2.79 0.00	57.63 2.90 0.00	69.87 3.26 0.00	83.33 3.97 0.00	75.57 3.74 0.00	69.88 3.39 0.00	67.67 3.22 0.00	61.04 2.91 0.00	56.78 2.55 0.00	52.24 2.20 0.00
FALCON___SEABRD_CC1 323796	48.39 -0.74 0.00	46.99 -0.43 0.00	43.54 -0.13 0.00	41.85 -0.29 0.00	41.27 -0.25 0.00	43.52 -0.53 0.00	52.38 -0.80 0.00	56.98 -0.99 0.00	54.43 -1.39 0.00	51.13 -1.20 0.00	50.13 -1.02 0.00	47.59 -1.02 0.00	45.58 -0.98 0.00	45.64 -1.03 0.00	48.69 -1.10 0.00	53.14 -1.59 0.00	64.67 -1.93 0.00	77.14 -2.22 0.00	70.25 -1.58 0.00	65.55 -0.93 0.00	64.06 -0.38 0.00	57.55 -0.58 0.00	53.58 -0.65 0.00	49.23 -0.80 0.00
FALCON___SEABRD_CC2 323797	48.39 -0.74 0.00	46.99 -0.43 0.00	43.54 -0.13 0.00	41.85 -0.29 0.00	41.27 -0.25 0.00	43.52 -0.53 0.00	52.38 -0.80 0.00	56.98 -0.99 0.00	54.43 -1.39 0.00	51.13 -1.20 0.00	50.13 -1.02 0.00	47.59 -1.02 0.00	45.58 -0.98 0.00	45.64 -1.03 0.00	48.69 -1.10 0.00	53.14 -1.59 0.00	64.67 -1.93 0.00	77.14 -2.22 0.00	70.25 -1.58 0.00	65.55 -0.93 0.00	64.06 -0.38 0.00	57.55 -0.58 0.00	53.58 -0.65 0.00	49.23 -0.80 0.00





FREEPORT_EQUS_GT1 23764	53.20 4.08 0.00	50.83 3.42 0.00	46.68 3.01 0.00	44.93 2.78 0.00	44.17 2.66 0.00	47.00 2.95 0.00	57.33 4.15 0.00	61.79 3.82 0.00	60.18 4.36 0.00	57.41 5.07 -0.01	56.13 4.96 -0.01	53.39 4.77 -0.01	51.14 4.57 -0.01	51.25 4.58 -0.01	54.62 4.83 -0.01	59.89 5.14 -0.01	71.87 5.26 0.00	85.32 5.96 0.00	77.94 6.10 0.00	72.00 5.52 0.00	69.02 4.58 0.00	62.38 4.24 0.00	58.57 4.34 0.00	54.19 4.15 0.00
FREEPORT___CT2 23818	53.20 4.08 0.00	50.83 3.42 0.00	46.68 3.01 0.00	44.93 2.78 0.00	44.17 2.66 0.00	47.00 2.95 0.00	57.33 4.15 0.00	61.79 3.82 0.00	60.18 4.36 0.00	57.41 5.07 -0.01	56.13 4.96 -0.01	53.39 4.77 -0.01	51.14 4.57 -0.01	51.25 4.58 -0.01	54.62 4.83 -0.01	59.89 5.14 -0.01	71.87 5.26 0.00	85.32 5.96 0.00	77.94 6.10 0.00	72.00 5.52 0.00	69.02 4.58 0.00	62.38 4.24 0.00	58.57 4.34 0.00	54.19 4.15 0.00
FRESHKLS_33_KV_LOAD 356253	52.97 3.83 -0.01	50.98 3.56 -0.01	46.81 3.14 0.00	45.09 2.95 0.00	44.34 2.82 0.00	47.04 3.00 0.00	57.17 3.99 0.00	62.25 4.29 0.00	60.23 4.41 0.00	56.78 4.45 0.00	55.45 4.30 0.00	52.93 4.33 0.00	50.70 4.14 0.00	50.82 4.15 0.00	54.21 4.43 0.00	59.44 4.71 0.00	71.74 5.13 0.00	85.87 6.51 0.00	77.87 6.03 0.00	72.14 5.65 0.00	70.00 5.54 -0.01	63.07 4.94 0.00	58.80 4.56 -0.01	54.00 3.95 -0.01
FULTON COGEN____ 23766	47.80 -1.33 0.00	46.09 -1.33 0.00	42.40 -1.27 0.00	40.96 -1.18 0.00	40.35 -1.16 0.00	42.86 -1.19 0.00	51.64 -1.54 0.00	56.23 -1.74 0.00	54.14 -1.67 0.00	50.81 -1.52 0.00	49.72 -1.43 0.00	47.20 -1.41 0.00	45.21 -1.35 0.00	45.36 -1.31 0.00	48.34 -1.44 0.00	53.09 -1.64 0.00	64.68 -1.93 0.00	77.06 -2.30 0.00	69.68 -2.15 0.00	64.49 -1.99 0.00	62.51 -1.93 0.00	56.45 -1.69 0.00	52.71 -1.52 0.00	48.69 -1.35 0.00
FULTON___LFGE 323630	50.95 1.82 0.00	49.21 1.80 0.00	45.28 1.62 0.00	43.66 1.51 0.00	42.97 1.45 0.00	45.72 1.67 0.00	55.36 2.18 0.00	60.40 2.43 0.00	57.27 1.45 0.00	52.85 0.52 0.00	51.21 0.05 0.00	48.56 -0.05 0.00	46.47 -0.09 0.00	46.67 0.00 0.00	50.13 0.35 0.00	56.21 1.48 0.00	69.40 2.80 0.00	83.09 3.73 0.00	75.42 3.59 0.00	69.54 3.06 0.00	67.48 3.03 0.00	60.81 2.68 0.00	56.56 2.33 0.00	51.99 1.95 0.00
G.F.CEMENT___DRP 24184	52.42 3.29 0.00	50.68 3.27 0.00	46.72 3.06 0.00	45.05 2.91 0.00	44.34 2.82 0.00	47.17 3.13 0.00	57.01 3.83 0.00	62.31 4.35 0.00	59.89 4.07 0.00	55.89 3.56 0.00	54.43 3.27 0.00	51.48 2.87 0.00	49.21 2.65 0.00	49.09 2.43 0.00	52.52 2.74 0.00	58.29 3.56 0.00	71.54 4.93 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.27 4.79 0.00	69.28 4.83 0.00	62.38 4.24 0.00	58.14 3.90 0.00	53.44 3.40 0.00
GARDENVILLE___LBMP 24039	49.18 0.05 0.00	47.08 -0.33 0.00	43.14 -0.52 0.00	41.81 -0.34 0.00	41.14 -0.37 0.00	44.13 0.09 0.00	51.85 -1.33 0.00	56.05 -1.91 0.00	53.48 -2.34 0.00	50.65 -1.67 0.00	50.34 -0.82 0.00	47.78 -0.83 0.00	45.58 -0.98 0.00	45.87 -0.79 0.00	48.49 -1.29 0.00	52.71 -2.03 0.00	63.48 -3.13 0.00	76.19 -3.17 0.00	68.39 -3.45 0.00	63.16 -3.32 0.00	61.35 -3.09 0.00	55.63 -2.50 0.00	52.71 -1.52 0.00	49.49 -0.55 0.00
GARDNVLA_35_KV_LD 355827	49.32 0.20 0.00	47.18 -0.24 0.00	43.27 -0.39 0.00	41.93 -0.21 0.00	41.27 -0.25 0.00	44.27 0.22 0.00	52.01 -1.17 0.00	56.28 -1.68 0.00	53.70 -2.12 0.00	50.86 -1.47 0.00	50.59 -0.56 0.00	47.98 -0.63 0.00	45.77 -0.79 0.00	46.06 -0.61 0.00	48.69 -1.10 0.00	52.93 -1.81 0.00	63.81 -2.80 0.00	76.51 -2.86 0.00	68.74 -3.09 0.00	63.43 -3.06 0.00	61.61 -2.84 0.00	55.87 -2.27 0.00	52.93 -1.30 0.00	49.64 -0.40 0.00
GELCKHM___115KV_LOAD 80723	48.34 -0.79 0.00	46.56 -0.85 0.00	42.84 -0.83 0.00	41.43 -0.72 0.00	40.81 -0.71 0.00	43.30 -0.75 0.00	52.17 -1.01 0.00	56.80 -1.16 0.00	54.70 -1.12 0.00	51.33 -0.99 0.00	50.29 -0.87 0.00	47.73 -0.87 0.00	45.72 -0.84 0.00	45.87 -0.79 0.00	48.89 -0.90 0.00	53.69 -1.04 0.00	65.34 -1.27 0.00	77.85 -1.51 0.00	70.40 -1.44 0.00	65.15 -1.33 0.00	63.09 -1.35 0.00	56.97 -1.16 0.00	53.26 -0.98 0.00	49.19 -0.85 0.00
GENERAL___MILLS 23808	49.28 0.15 0.00	47.13 -0.28 0.00	43.23 -0.44 0.00	41.89 -0.25 0.00	41.22 -0.29 0.00	44.22 0.18 0.00	51.96 -1.22 0.00	56.17 -1.80 0.00	53.64 -2.18 0.00	50.81 -1.52 0.00	50.49 -0.67 0.00	47.88 -0.73 0.00	45.72 -0.84 0.00	46.01 -0.65 0.00	48.59 -1.19 0.00	52.82 -1.92 0.00	63.68 -2.93 0.00	76.35 -3.02 0.00	68.60 -3.23 0.00	63.29 -3.19 0.00	61.48 -2.96 0.00	55.81 -2.33 0.00	52.82 -1.41 0.00	49.59 -0.45 0.00
GE_PLASTICS___DRP 24183	50.01 0.88 0.00	48.31 0.90 0.00	44.58 0.92 0.00	43.03 0.89 0.00	42.39 0.87 0.00	44.93 0.88 0.00	54.24 1.06 0.00	59.18 1.22 0.00	56.99 1.17 0.00	53.27 0.94 0.00	51.97 0.82 0.00	49.39 0.78 0.00	47.31 0.74 0.00	47.41 0.75 0.00	50.68 0.90 0.00	55.83 1.09 0.00	68.01 1.40 0.00	80.87 1.51 0.00	73.34 1.51 0.00	67.75 1.26 0.00	65.67 1.22 0.00	59.18 1.05 0.00	55.15 0.92 0.00	50.84 0.80 0.00
GILBOA___1 23756	50.21 1.08 0.00	48.60 1.19 0.00	44.76 1.09 0.00	43.20 1.05 0.00	42.55 1.04 0.00	45.01 0.97 0.00	54.45 1.27 0.00	59.35 1.39 0.00	57.22 1.40 0.00	53.64 1.31 0.00	52.43 1.28 0.00	49.82 1.22 0.00	47.73 1.16 0.00	47.83 1.17 0.00	51.03 1.25 0.00	56.10 1.37 0.00	68.27 1.67 0.00	81.19 1.83 0.00	73.55 1.72 0.00	68.15 1.66 0.00	65.99 1.54 0.00	59.53 1.39 0.00	55.48 1.25 0.00	51.14 1.10 0.00
GILBOA___2 23757	50.21 1.08 0.00	48.60 1.19 0.00	44.76 1.09 0.00	43.20 1.05 0.00	42.55 1.04 0.00	45.01 0.97 0.00	54.45 1.27 0.00	59.35 1.39 0.00	57.22 1.40 0.00	53.64 1.31 0.00	52.43 1.28 0.00	49.82 1.22 0.00	47.73 1.16 0.00	47.83 1.17 0.00	51.03 1.25 0.00	56.10 1.37 0.00	68.27 1.67 0.00	81.19 1.83 0.00	73.55 1.72 0.00	68.15 1.66 0.00	65.99 1.54 0.00	59.53 1.39 0.00	55.48 1.25 0.00	51.14 1.10 0.00
GILBOA___3 23758	50.21 1.08 0.00	48.60 1.19 0.00	44.76 1.09 0.00	43.20 1.05 0.00	42.55 1.04 0.00	45.01 0.97 0.00	54.45 1.27 0.00	59.35 1.39 0.00	57.22 1.40 0.00	53.64 1.31 0.00	52.43 1.28 0.00	49.82 1.22 0.00	47.73 1.16 0.00	47.83 1.17 0.00	51.03 1.25 0.00	56.10 1.37 0.00	68.27 1.67 0.00	81.19 1.83 0.00	73.55 1.72 0.00	68.15 1.66 0.00	65.99 1.54 0.00	59.53 1.39 0.00	55.48 1.25 0.00	51.14 1.10 0.00
GILBOA___4 23759	50.21 1.08 0.00	48.60 1.19 0.00	44.76 1.09 0.00	43.20 1.05 0.00	42.55 1.04 0.00	45.01 0.97 0.00	54.45 1.27 0.00	59.35 1.39 0.00	57.22 1.40 0.00	53.64 1.31 0.00	52.43 1.28 0.00	49.82 1.22 0.00	47.73 1.16 0.00	47.83 1.17 0.00	51.03 1.25 0.00	56.10 1.37 0.00	68.27 1.67 0.00	81.19 1.83 0.00	73.55 1.72 0.00	68.15 1.66 0.00	65.99 1.54 0.00	59.53 1.39 0.00	55.48 1.25 0.00	51.14 1.10 0.00

GILBOA____ 23599	50.21 1.08 0.00	48.60 1.19 0.00	44.76 1.09 0.00	43.20 1.05 0.00	42.55 1.04 0.00	45.02 0.97 0.00	54.46 1.28 0.00	59.36 1.39 0.00	57.21 1.40 0.00	53.64 1.31 0.00	52.43 1.28 0.00	49.82 1.22 0.00	47.73 1.16 0.00	47.83 1.17 0.00	51.03 1.24 0.00	56.10 1.37 0.00	68.27 1.67 0.00	81.19 1.83 0.00	73.56 1.72 0.00	68.15 1.66 0.00	65.99 1.55 0.00	59.53 1.40 0.00	55.48 1.25 0.00	51.14 1.10 0.00
GINNA____ 23603	46.47 -2.65 0.00	44.57 -2.84 0.00	40.96 -2.71 0.00	39.62 -2.53 0.00	38.98 -2.53 0.00	41.62 -2.42 0.00	49.67 -3.51 0.00	53.85 -4.11 0.00	51.86 -3.96 0.00	48.93 -3.40 0.00	48.19 -2.97 0.00	45.79 -2.82 0.00	43.77 -2.79 0.00	43.87 -2.80 0.00	46.65 -3.13 0.00	51.07 -3.67 0.00	62.15 -4.46 0.00	74.36 -5.00 0.00	66.73 -5.10 0.00	61.83 -4.66 0.00	59.93 -4.51 0.00	54.12 -4.01 0.00	50.87 -3.36 0.00	47.13 -2.90 0.00
GLEN PARK____ 23778	49.13 0.00 0.00	47.41 0.00 0.00	43.54 -0.13 0.00	41.98 -0.17 0.00	41.23 -0.29 0.00	43.56 -0.48 0.00	52.43 -0.74 0.00	57.38 -0.58 0.00	54.87 -0.95 0.00	51.18 -1.15 0.00	49.67 -1.49 0.00	47.15 -1.46 0.00	45.21 -1.35 0.00	45.31 -1.35 0.00	48.34 -1.45 0.00	53.69 -1.04 0.00	66.07 -0.54 0.00	79.60 0.24 0.00	72.27 0.43 0.00	67.01 0.53 0.00	65.47 1.03 0.00	58.71 0.58 0.00	54.78 0.54 0.00	50.49 0.45 0.00
GLENDALE_27_KV_LOAD 356172	52.37 3.24 0.00	50.40 2.99 0.00	46.29 2.62 0.00	44.59 2.44 0.00	43.88 2.37 0.00	46.60 2.55 0.00	56.74 3.56 0.00	61.85 3.88 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.52 3.96 0.00	50.59 3.92 0.00	53.91 4.13 0.00	59.11 4.38 0.00	71.27 4.66 0.00	85.16 5.79 0.00	77.22 5.39 0.00	71.54 5.05 0.00	69.34 4.90 0.00	62.49 4.36 0.00	58.19 3.96 0.00	53.39 3.35 0.00
GLENWOOD_IC_1_G5 23712	52.47 3.34 0.00	50.35 2.94 0.00	46.29 2.62 0.00	44.55 2.40 0.00	43.84 2.32 0.00	46.60 2.55 0.00	56.79 3.62 0.00	61.56 3.59 0.00	59.78 3.96 0.00	56.68 4.34 -0.01	55.41 4.25 -0.01	52.80 4.18 -0.01	50.58 4.00 -0.01	50.65 3.97 -0.01	53.97 4.18 -0.01	59.18 4.43 -0.01	71.34 4.73 0.00	85.16 5.79 0.00	77.22 5.39 0.00	71.47 4.99 0.00	68.89 4.45 0.00	62.09 3.95 0.00	58.03 3.80 0.00	53.49 3.45 0.00
GLENWOOD_IC_2_G1 23688	52.08 2.95 0.00	50.07 2.65 0.00	45.98 2.31 0.00	44.29 2.15 0.00	43.59 2.07 0.00	46.34 2.29 0.00	56.37 3.19 0.00	61.32 3.36 0.00	59.45 3.63 0.00	56.15 3.82 0.00	54.94 3.79 0.00	52.30 3.69 0.00	50.15 3.59 0.00	50.21 3.54 0.00	53.52 3.74 0.00	58.68 3.94 0.00	70.87 4.27 0.00	84.45 5.08 0.00	76.72 4.89 0.00	70.94 4.46 0.00	68.51 4.06 0.00	61.86 3.72 0.00	57.65 3.42 0.00	53.09 3.05 0.00
GLENWOOD_IC_3_G1 23689	52.08 2.95 0.00	50.07 2.65 0.00	45.98 2.31 0.00	44.29 2.15 0.00	43.59 2.07 0.00	46.34 2.29 0.00	56.37 3.19 0.00	61.32 3.36 0.00	59.45 3.63 0.00	56.15 3.82 0.00	54.94 3.79 0.00	52.30 3.69 0.00	50.15 3.59 0.00	50.21 3.54 0.00	53.52 3.74 0.00	58.68 3.94 0.00	70.87 4.27 0.00	84.45 5.08 0.00	76.72 4.89 0.00	70.94 4.46 0.00	68.51 4.06 0.00	61.86 3.72 0.00	57.65 3.42 0.00	53.09 3.05 0.00
GLENWOOD____4 23550	52.47 3.34 0.00	50.35 2.94 0.00	46.29 2.62 0.00	44.55 2.40 0.00	43.84 2.32 0.00	46.60 2.55 0.00	56.79 3.62 0.00	61.56 3.59 0.00	59.78 3.96 0.00	56.68 4.34 -0.01	55.41 4.25 -0.01	52.80 4.18 -0.01	50.58 4.00 -0.01	50.65 3.97 -0.01	53.97 4.18 -0.01	59.18 4.43 -0.01	71.34 4.73 0.00	85.16 5.79 0.00	77.22 5.39 0.00	71.47 4.99 0.00	68.89 4.45 0.00	62.09 3.95 0.00	58.03 3.80 0.00	53.49 3.45 0.00
GLENWOOD____5 23614	52.47 3.34 0.00	50.35 2.94 0.00	46.29 2.62 0.00	44.55 2.40 0.00	43.84 2.32 0.00	46.60 2.55 0.00	56.79 3.62 0.00	61.56 3.59 0.00	59.78 3.96 0.00	56.68 4.34 -0.01	55.41 4.25 -0.01	52.80 4.18 -0.01	50.58 4.00 -0.01	50.65 3.97 -0.01	53.97 4.18 -0.01	59.18 4.43 -0.01	71.34 4.73 0.00	85.16 5.79 0.00	77.22 5.39 0.00	71.47 4.99 0.00	68.89 4.45 0.00	62.09 3.95 0.00	58.03 3.80 0.00	53.49 3.45 0.00
GLOBAL GREEN_PORT_GT1 23814	54.29 5.16 0.00	51.92 4.51 0.00	47.86 4.19 0.00	46.23 4.09 0.00	45.50 3.99 0.00	48.41 4.36 0.00	58.39 5.21 0.00	62.14 4.18 0.00	60.45 4.63 0.00	58.25 5.91 -0.01	57.04 5.88 -0.01	54.30 5.68 -0.01	51.97 5.40 -0.01	52.13 5.46 -0.01	55.81 6.02 -0.01	61.14 6.40 -0.01	73.20 6.60 0.00	86.26 6.90 0.00	79.23 7.40 0.00	72.93 6.45 0.00	69.34 4.90 0.00	62.61 4.48 0.00	58.68 4.45 0.00	54.84 4.80 0.00
GLOBE____DSASP 323697	47.61 -1.52 0.00	46.61 -0.81 0.00	41.79 -1.88 0.00	40.50 -1.64 0.00	39.85 -1.66 0.00	42.73 -1.32 0.00	50.09 -3.08 0.00	54.02 -3.94 0.00	51.63 -4.19 0.00	48.93 -3.40 0.00	48.65 -2.51 0.00	46.23 -2.38 0.00	44.09 -2.47 0.00	44.33 -2.33 0.00	46.89 -2.89 0.00	50.96 -3.78 0.00	61.21 -5.40 0.00	73.33 -6.03 0.00	65.73 -6.11 0.00	60.70 -5.78 0.00	58.97 -5.48 0.00	53.66 -4.48 0.00	50.92 -3.31 0.00	47.84 -2.20 0.00
GOETHSLN____LBMP 323567	51.68 2.55 0.00	49.74 2.32 0.00	45.72 2.05 0.00	44.04 1.90 0.00	43.34 1.83 0.00	46.07 2.03 0.00	56.10 2.92 0.00	61.27 3.30 0.00	59.34 3.52 0.00	55.94 3.61 0.00	54.69 3.53 0.00	52.11 3.50 0.00	49.96 3.40 0.00	50.03 3.36 0.00	53.32 3.53 0.00	58.40 3.67 0.00	70.60 4.00 0.00	84.28 4.92 0.00	76.43 4.60 0.00	70.74 4.26 0.00	68.51 4.06 0.00	61.80 3.66 0.00	57.43 3.20 0.00	52.69 2.65 0.00
GOLAH____69_KV_TB 1_2 80279	49.28 0.15 0.00	47.22 -0.19 0.00	43.41 -0.26 0.00	42.02 -0.13 0.00	41.35 -0.17 0.00	44.22 0.18 0.00	52.27 -0.90 0.00	56.51 -1.45 0.00	54.26 -1.56 0.00	51.13 -1.20 0.00	50.54 -0.61 0.00	48.02 -0.58 0.00	45.86 -0.70 0.00	46.01 -0.65 0.00	48.89 -0.90 0.00	53.25 -1.48 0.00	64.54 -2.06 0.00	77.38 -1.98 0.00	69.46 -2.37 0.00	64.36 -2.13 0.00	62.38 -2.06 0.00	56.45 -1.69 0.00	53.26 -0.98 0.00	49.69 -0.35 0.00
GOODYEAR_LAKE_HYD 323669	50.45 1.33 0.00	48.69 1.28 0.00	44.76 1.09 0.00	43.20 1.05 0.00	42.51 1.00 0.00	45.10 1.06 0.00	54.61 1.44 0.00	59.70 1.74 0.00	57.33 1.51 0.00	53.74 1.41 0.00	52.38 1.23 0.00	49.82 1.22 0.00	47.68 1.12 0.00	47.83 1.17 0.00	50.98 1.19 0.00	56.32 1.59 0.00	68.67 2.06 0.00	81.98 2.62 0.00	74.20 2.37 0.00	68.68 2.19 0.00	66.57 2.13 0.00	59.94 1.80 0.00	55.81 1.57 0.00	51.49 1.45 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	49.47 0.34 0.00	47.65 0.24 0.00	43.80 0.13 0.00	42.36 0.21 0.00	41.72 0.21 0.00	44.35 0.31 0.00	53.34 0.16 0.00	58.08 0.12 0.00	55.71 -0.11 0.00	52.43 0.10 0.00	51.41 0.26 0.00	48.80 0.19 0.00	46.75 0.19 0.00	46.95 0.28 0.00	49.83 0.05 0.00	54.62 -0.11 0.00	66.47 -0.13 0.00	79.36 0.00 0.00	71.62 -0.22 0.00	66.35 -0.13 0.00	64.32 -0.13 0.00	58.08 -0.06 0.00	54.29 0.05 0.00	50.29 0.25 0.00

GOUDEY___7 23579	49.47 0.34 0.00	47.65 0.24 0.00	43.80 0.13 0.00	42.36 0.21 0.00	41.72 0.21 0.00	44.35 0.31 0.00	53.34 0.16 0.00	58.08 0.12 0.00	55.71 -0.11 0.00	52.43 0.10 0.00	51.41 0.26 0.00	48.80 0.19 0.00	46.75 0.19 0.00	46.95 0.28 0.00	49.83 0.05 0.00	54.62 -0.11 0.00	66.47 -0.13 0.00	79.36 0.00 0.00	71.62 -0.22 0.00	66.35 -0.13 0.00	64.32 -0.13 0.00	58.08 -0.06 0.00	54.29 0.05 0.00	50.29 0.25 0.00
GOUDEY___8 23580	49.47 0.34 0.00	47.65 0.24 0.00	43.80 0.13 0.00	42.36 0.21 0.00	41.72 0.21 0.00	44.35 0.31 0.00	53.34 0.16 0.00	58.08 0.12 0.00	55.71 -0.11 0.00	52.43 0.10 0.00	51.41 0.26 0.00	48.80 0.19 0.00	46.75 0.19 0.00	46.95 0.28 0.00	49.83 0.05 0.00	54.62 -0.11 0.00	66.47 -0.13 0.00	79.36 0.00 0.00	71.62 -0.22 0.00	66.35 -0.13 0.00	64.32 -0.13 0.00	58.08 -0.06 0.00	54.29 0.05 0.00	50.29 0.25 0.00
GOWANUS_GT1_1 24077	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GOWANUS_GT1_2 24078	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GOWANUS_GT1_3 24079	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GOWANUS_GT1_4 24080	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GOWANUS_GT1_5 24084	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GOWANUS_GT1_6 24111	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	6															

GOWANUS_GT2_6 24119	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
GOWANUS_GT2_7 24120	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
GOWANUS_GT2_8 24121	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
GOWANUS_GT3_1 24122	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
GOWANUS_GT3_2 24123	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
GOWANUS_GT3_3 24124	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
GOWANUS_GT3_4 24125	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
GOWANUS_GT3_5 24126	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
GOWANUS_GT3_6 24127	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
GOWANUS_GT3_7 24128	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
GOWANUS_GT3_8 24129	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
GOWANUS_GT4_1 24130	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GOWANUS_GT4_2 24131	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GOWANUS_GT4_3 24132	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GOWANUS_GT4_4 24133	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01

GOWANUS_GT4_5 24134	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GOWANUS_GT4_6 24135	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GOWANUS_GT4_7 24136	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GOWANUS_GT4_8 24137	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GREATVR_69_KV_BK1 356245	54.29 5.16 0.00	51.73 4.31 0.00	47.51 3.84 0.00	45.68 3.54 0.00	44.96 3.45 0.00	47.88 3.83 0.00	58.50 5.32 0.00	62.78 4.81 0.00	61.18 5.36 0.00	58.56 6.23 -0.01	57.25 6.09 -0.01	54.50 5.88 -0.01	52.20 5.63 -0.01	52.32 5.65 -0.01	55.91 6.12 -0.01	61.14 6.40 -0.01	73.27 6.66 0.00	87.54 8.17 0.00	79.59 7.76 0.00	73.60 7.11 0.00	70.31 5.86 0.00	63.42 5.29 0.00	59.60 5.37 0.00	55.24 5.20 0.00
GREENBSH_115KV_TB3 55895	49.91 0.79 0.00	48.22 0.81 0.00	44.54 0.87 0.00	42.99 0.84 0.00	42.39 0.87 0.00	44.93 0.88 0.00	54.19 1.01 0.00	59.07 1.10 0.00	56.94 1.12 0.00	53.17 0.84 0.00	51.87 0.72 0.00	49.29 0.68 0.00	47.26 0.70 0.00	47.32 0.65 0.00	50.63 0.85 0.00	55.72 0.99 0.00	67.94 1.33 0.00	80.87 1.51 0.00	73.27 1.44 0.00	67.68 1.20 0.00	65.61 1.16 0.00	59.12 0.99 0.00	55.10 0.87 0.00	50.79 0.75 0.00
GREENDGE_115KV_TB5 80291	50.50 1.38 0.00	48.46 1.04 0.00	44.50 0.83 0.00	43.07 0.93 0.00	42.43 0.91 0.00	45.28 1.23 0.00	54.30 1.12 0.00	58.31 0.35 0.00	55.71 -0.11 0.00	52.90 0.58 0.00	51.87 0.72 0.00	49.14 0.53 0.00	47.03 0.47 0.00	47.37 0.70 0.00	50.23 0.45 0.00	54.40 -0.33 0.00	66.07 -0.53 0.00	77.70 -1.67 0.00	71.04 -0.79 0.00	66.22 -0.27 0.00	64.12 -0.32 0.00	58.19 0.06 0.00	54.50 0.27 0.00	51.24 1.20 0.00
GREENIDGE___3 23582	50.50 1.38 0.00	48.46 1.04 0.00	44.50 0.83 0.00	43.07 0.93 0.00	42.43 0.91 0.00	45.28 1.23 0.00	54.30 1.12 0.00	58.31 0.35 0.00	55.71 -0.11 0.00	52.90 0.58 0.00	51.87 0.72 0.00	49.14 0.53 0.00	47.03 0.47 0.00	47.37 0.70 0.00	50.23 0.45 0.00	54.40 -0.33 0.00	66.07 -0.53 0.00	77.70 -1.67 0.00	71.04 -0.79 0.00	66.22 -0.27 0.00	64.12 -0.32 0.00	58.19 0.06 0.00	54.50 0.27 0.00	51.24 1.20 0.00
GREENIDGE___4 23583	50.50 1.37 0.00	48.46 1.04 0.00	44.54 0.87 0.00	43.07 0.93 0.00	42.43 0.91 0.00	45.28 1.23 0.00	53.66 0.48 0.00	58.31 0.35 0.00	55.71 -0.11 0.00	53.01 0.68 0.00	51.87 0.72 0.00	49.14 0.54 0.00	47.03 0.47 0.00	47.37 0.70 0.00	50.23 0.45 0.00	54.41 -0.33 0.00	66.07 -0.54 0.00	77.78 -1.59 0.00	71.04 -0.79 0.00	66.22 -0.26 0.00	64.19 -0.26 0.00	58.19 0.06 0.00	54.51 0.27 0.00	51.29 1.25 0.00
GREENLWN_69_KV_BK 3 55738	52.81 3.68 0.00	50.45 3.03 0.00	46.38 2.71 0.00	44.59 2.44 0.00	43.92 2.41 0.00	46.73 2.69 0.00	57.06 3.88 0.00	61.15 3.19 0.00	59.73 3.91 0.00	57.10 4.76 -0.01	55.77 4.60 -0.01	53.04 4.42 -0.01	50.81 4.24 -0.01	50.92 4.25 -0.01	54.32 4.53 -0.01	59.28 4.54 -0.01	70.87 4.26 0.00	84.52 5.16 0.00	76.86 5.03 0.00	71.07 4.59 0.00	68.05 3.61 0.00	61.45 3.31 0.00	57.98 3.74 0.00	53.84 3.80 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01
GRISSOM___SOLAR 323813	51.10 1.97 0.00	49.36 1.94 0.00	45.42 1.75 0.00	43.79 1.64 0.00	43.09 1.58 0.00	45.85 1.81 0.00	55.52 2.34 0.00	60.57 2.61 0.00	57.44 1.62 0.00	52.96 0.63 0.00	51.31 0.15 0.00	48.66 0.05 0.00	46.56 0.00 0.00	46.81 0.14 0.00	50.28 0.50 0.00	56.37 1.64 0.00	69.53 2.93 0.00	83.17 3.81 0.00	75.57 3.73 0.00	69.68 3.19 0.00	67.54 3.09 0.00	60.92 2.79 0.00	56.68 2.44 0.00	52.09 2.05 0.00
GROVEVILLE___HYD 323602	51.88 2.75 0.00	49.97 2.56 0.00	45.94 2.27 0.00	44.25 2.11 0.00	43.59 2.08 0.00	46.29 2.25 0.00	56.26 3.08 0.00	61.44 3.48 0.00	59.45 3.63 0.00	55.89 3.56 0.00	54.53 3.38 0.00	51.77 3.16 0.00	49.68 3.12 0.00	49.75 3.08 0.00	53.07 3.29 0.00	58.24 3.50 0.00	70.74 4.13 0.00	84.44 5.08 0.00	76.50 4.67 0.00	70.81 4.32 0.00	68.51 4.06 0.00	61.85 3.72 0.00	57.54 3.31 0.00	52.94 2.90 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.64 -0.49 0.00	46.84 -0.57 0.00	43.10 -0.57 0.00	41.64 -0.51 0.00	41.02 -0.50 0.00	43.56 -0.48 0.00	52.49 -0.69 0.00	57.21 -0.75 0.00	55.04 -0.78 0.00	51.70 -0.63 0.00	50.59 -0.56 0.00	48.02 -0.58 0.00	46.00 -0.56 0.00	46.15 -0.51 0.00	49.18 -0.60 0.00	54.02 -0.71 0.00	65.74 -0.87 0.00	78.41 -0.95 0.00	70.83 -1.01 0.00	65.55 -0.93 0.00	63.54 -0.90 0.00	57.32 -0.81 0.00	53.58 -0.65 0.00	49.49 -0.55 0.00
HAMLTNNY_34_KV_TB 80303	48.74 -0.39 0.00	46.94 -0.47 0.00	43.14 -0.52 0.00	41.72 -0.42 0.00	41.10 -0.42 0.00	43.65 -0.40 0.00	52.59 -0.58 0.00	57.27 -0.70 0.00	55.04 -0.78 0.00	51.70 -0.63 0.00	50.64 -0.51 0.00	48.07 -0.53 0.00	46.05 -0.51 0.00	46.20 -0.47 0.00	49.18 -0.60 0.00	54.02 -0.71 0.00	65.81 -0.80 0.00	78.49 -0.87 0.00	70.90 -0.93 0.00	65.62 -0.86 0.00	63.61 -0.84 0.00	57.38 -0.76 0.00	53.64 -0.60 0.00	49.59 -0.45 0.00

HAMPSHIRE___PAPER_HYD 323593	48.29 -0.84 0.00	46.80 -0.62 0.00	43.15 -0.52 0.00	41.51 -0.63 0.00	40.77 -0.75 0.00	42.95 -1.10 0.00	51.32 -1.86 0.00	55.99 -1.97 0.00	53.59 -2.23 0.00	50.13 -2.20 0.00	49.16 -2.00 0.00	46.71 -1.90 0.00	44.79 -1.77 0.00	44.89 -1.77 0.00	47.89 -1.89 0.00	52.76 -1.97 0.00	64.21 -2.40 0.00	76.82 -2.54 0.00	69.75 -2.09 0.00	64.83 -1.66 0.00	63.80 -0.64 0.00	57.38 -0.76 0.00	53.58 -0.65 0.00	49.44 -0.60 0.00
HARDSCRABBLE_WT_PWR 323673	51.44 2.31 0.00	49.69 2.28 0.00	45.81 2.14 0.00	44.25 2.11 0.00	43.59 2.07 0.00	46.25 2.20 0.00	55.84 2.66 0.00	60.98 3.01 0.00	58.61 2.79 0.00	54.89 2.56 0.00	53.56 2.40 0.00	50.85 2.24 0.00	48.66 2.10 0.00	48.72 2.05 0.00	51.97 2.19 0.00	57.20 2.47 0.00	69.61 3.00 0.00	83.09 3.73 0.00	75.21 3.38 0.00	69.68 3.19 0.00	67.60 3.16 0.00	61.15 3.02 0.00	57.05 2.82 0.00	52.74 2.70 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.58 2.46 0.00	49.69 2.28 0.00	45.68 2.01 0.00	44.00 1.85 0.00	43.34 1.83 0.00	46.07 2.03 0.00	56.00 2.82 0.00	61.09 3.13 0.00	59.11 3.29 0.00	55.63 3.30 0.00	54.33 3.17 0.00	51.62 3.01 0.00	49.49 2.93 0.00	49.61 2.94 0.00	52.87 3.09 0.00	57.96 3.23 0.00	70.34 3.73 0.00	83.97 4.60 0.00	76.14 4.31 0.00	70.47 3.99 0.00	68.18 3.74 0.00	61.56 3.43 0.00	57.27 3.04 0.00	52.64 2.60 0.00
HARSNRAD_115KV_TB1 81005	49.03 -0.10 0.00	46.56 -0.85 0.00	43.01 -0.66 0.00	41.68 -0.46 0.00	41.02 -0.50 0.00	44.00 -0.04 0.00	51.32 -1.86 0.00	55.24 -2.72 0.00	52.75 -3.07 0.00	49.92 -2.41 0.00	49.67 -1.48 0.00	47.15 -1.46 0.00	44.93 -1.63 0.00	45.22 -1.45 0.00	47.79 -1.99 0.00	51.94 -2.79 0.00	62.54 -4.06 0.00	75.08 -4.29 0.00	67.31 -4.53 0.00	62.16 -4.32 0.00	60.39 -4.06 0.00	54.88 -3.26 0.00	52.06 -2.17 0.00	49.14 -0.90 0.00
HARZA MOOSE___RIVER 24016	49.37 0.25 0.00	47.70 0.28 0.00	43.84 0.17 0.00	42.27 0.13 0.00	41.52 0.00 0.00	43.96 -0.09 0.00	52.97 -0.21 0.00	57.91 -0.06 0.00	55.65 -0.17 0.00	52.01 -0.31 0.00	50.75 -0.41 0.00	48.22 -0.39 0.00	46.19 -0.37 0.00	46.29 -0.37 0.00	49.38 -0.40 0.00	54.62 -0.11 0.00	67.01 0.40 0.00	80.24 0.87 0.00	72.69 0.86 0.00	67.35 0.86 0.00	65.61 1.16 0.00	59.01 0.87 0.00	54.99 0.76 0.00	50.84 0.80 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	48.34 -0.79 0.00	46.56 -0.85 0.00	42.84 -0.83 0.00	41.39 -0.76 0.00	40.77 -0.75 0.00	43.30 -0.75 0.00	52.17 -1.01 0.00	56.80 -1.16 0.00	54.65 -1.17 0.00	51.33 -0.99 0.00	50.23 -0.92 0.00	47.73 -0.87 0.00	45.72 -0.84 0.00	45.87 -0.79 0.00	48.84 -0.95 0.00	53.64 -1.09 0.00	65.28 -1.33 0.00	77.77 -1.59 0.00	70.25 -1.58 0.00	65.02 -1.46 0.00	63.03 -1.42 0.00	56.91 -1.22 0.00	53.26 -0.98 0.00	49.19 -0.85 0.00
HELLGATE_13_KV_LD 55870	52.42 3.29 0.00	50.40 2.99 0.00	46.33 2.66 0.00	44.59 2.44 0.00	43.88 2.37 0.00	46.60 2.55 0.00	56.74 3.56 0.00	61.85 3.88 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.11 4.38 0.00	71.27 4.66 0.00	85.16 5.79 0.00	77.22 5.39 0.00	71.47 4.99 0.00	69.28 4.83 0.00	62.49 4.36 0.00	58.19 3.96 0.00	53.44 3.40 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	52.42 3.29 0.00	50.40 2.99 0.00	46.33 2.66 0.00	44.59 2.44 0.00	43.88 2.37 0.00	46.60 2.55 0.00	56.74 3.56 0.00	61.85 3.88 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.11 4.38 0.00	71.27 4.66 0.00	85.16 5.79 0.00	77.22 5.39 0.00	71.47 4.99 0.00	69.28 4.83 0.00	62.49 4.36 0.00	58.19 3.96 0.00	53.44 3.40 0.00
HEMPSTEAD___ 23647	52.62 3.49 0.00	50.35 2.94 0.00	46.29 2.62 0.00	44.55 2.40 0.00	43.84 2.32 0.00	46.60 2.55 0.00	56.85 3.67 0.00	61.38 3.42 0.00	59.73 3.91 0.00	56.84 4.50 -0.01	55.57 4.40 -0.01	52.85 4.23 -0.01	50.67 4.10 -0.01	50.74 4.06 -0.01	54.12 4.33 -0.01	59.28 4.54 -0.01	71.20 4.59 0.00	84.60 5.24 0.00	77.22 5.39 0.00	71.34 4.85 0.00	68.51 4.06 0.00	61.91 3.78 0.00	58.03 3.80 0.00	53.64 3.60 0.00
HICKLING___1 23621	49.77 0.64 0.00	47.84 0.43 0.00	43.93 0.26 0.00	42.48 0.34 0.00	41.85 0.33 0.00	44.66 0.62 0.00	53.44 0.27 0.00	57.91 -0.06 0.00	55.37 -0.45 0.00	52.28 -0.05 0.00	51.46 0.31 0.00	48.80 0.19 0.00	46.70 0.14 0.00	46.99 0.33 0.00	49.73 -0.05 0.00	54.29 -0.44 0.00	66.01 -0.60 0.00	78.73 -0.63 0.00	71.04 -0.79 0.00	65.82 -0.66 0.00	63.87 -0.58 0.00	57.73 -0.41 0.00	54.12 -0.11 0.00	50.49 0.45 0.00
HICKLING___2 23622	49.77 0.64 0.00	47.84 0.43 0.00	43.93 0.26 0.00	42.48 0.34 0.00	41.85 0.33 0.00	44.66 0.62 0.00	53.44 0.27 0.00	57.91 -0.06 0.00	55.37 -0.45 0.00	52.28 -0.05 0.00	51.46 0.31 0.00	48.80 0.19 0.00	46.70 0.14 0.00	46.99 0.33 0.00	49.73 -0.05 0.00	54.29 -0.44 0.00	66.01 -0.60 0.00	78.73 -0.63 0.00	71.04 -0.79 0.00	65.82 -0.66 0.00	63.87 -0.58 0.00	57.73 -0.41 0.00	54.12 -0.11 0.00	50.49 0.45 0.00
HIGH FALLS___HY 23754	52.08 2.95 0.00	50.16 2.75 0.00	46.03 2.36 0.00	44.34 2.19 0.00	43.67 2.16 0.00	46.42 2.38 0.00	56.48 3.30 0.00	61.73 3.77 0.00	59.73 3.91 0.00	56.10 3.77 0.00	54.63 3.48 0.00	51.82 3.21 0.00	49.68 3.12 0.00	49.79 3.13 0.00	53.12 3.34 0.00	58.35 3.61 0.00	70.94 4.33 0.00	84.84 5.48 0.00	76.93 5.10 0.00	71.27 4.79 0.00	68.89 4.45 0.00	62.20 4.07 0.00	57.92 3.69 0.00	53.24 3.20 0.00
HIGH_RIVER___SOLAR 323847	50.85 1.72 0.00	49.12 1.70 0.00	45.20 1.53 0.00	43.58 1.43 0.00	42.93 1.41 0.00	45.63 1.58 0.00	55.20 2.02 0.00	60.11 2.15 0.00	56.83 1.01 0.00	52.64 0.32 0.00	51.16 0.00 0.00	48.56 -0.05 0.00	46.42 -0.14 0.00	46.62 -0.05 0.00	49.93 0.15 0.00	55.88 1.15 0.00	69.07 2.47 0.00	82.69 3.33 0.00	75.07 3.24 0.00	69.28 2.79 0.00	67.22 2.77 0.00	60.57 2.44 0.00	56.35 2.11 0.00	51.84 1.80 0.00
HILLBURN___GT 23639	51.49 2.36 0.00	49.60 2.18 0.00	45.59 1.92 0.00	43.91 1.77 0.00	43.26 1.74 0.00	45.94 1.89 0.00	55.84 2.66 0.00	60.98 3.01 0.00	59.00 3.18 0.00	55.52 3.19 0.00	54.33 3.17 0.00	51.72 3.11 0.00	49.54 2.98 0.00	49.65 2.99 0.00	52.87 3.09 0.00	57.96 3.23 0.00	70.20 3.59 0.00	83.80 4.44 0.00	76.00 4.16 0.00	70.27 3.79 0.00	68.05 3.61 0.00	61.45 3.31 0.00	57.11 2.87 0.00	52.54 2.50 0.00
HILLSIDE_115KV_TB1 80332	49.08 -0.05 0.00	47.18 -0.24 0.00	43.36 -0.31 0.00	41.93 -0.21 0.00	41.31 -0.21 0.00	44.05 0.00 0.00	52.75 -0.43 0.00	57.21 -0.75 0.00	54.76 -1.06 0.00	51.65 -0.68 0.00	50.85 -0.31 0.00	48.27 -0.34 0.00	46.14 -0.42 0.00	46.39 -0.28 0.00	49.13 -0.65 0.00	53.64 -1.09 0.00	65.14 -1.47 0.00	77.77 -1.59 0.00	70.18 -1.65 0.00	65.02 -1.46 0.00	63.03 -1.42 0.00	57.03 -1.10 0.00	53.37 -0.87 0.00	49.79 -0.25 0.00

HISHELDN_WT_PWR 323625	49.23 0.10 0.00	47.13 -0.28 0.00	43.27 -0.39 0.00	41.89 -0.25 0.00	41.18 -0.33 0.00	44.18 0.13 0.00	52.12 -1.06 0.00	56.28 -1.68 0.00	53.70 -2.12 0.00	50.86 -1.46 0.00	50.29 -0.87 0.00	47.73 -0.87 0.00	45.58 -0.98 0.00	45.87 -0.79 0.00	48.54 -1.24 0.00	52.82 -1.92 0.00	63.81 -2.79 0.00	76.58 -2.78 0.00	68.75 -3.09 0.00	63.49 -2.99 0.00	61.74 -2.70 0.00	55.92 -2.21 0.00	52.88 -1.35 0.00	49.59 -0.45 0.00
HOLTSVILLE_IC_1 23690	53.26 4.13 0.00	50.83 3.42 0.00	46.68 3.01 0.00	44.93 2.78 0.00	44.21 2.70 0.00	47.08 3.04 0.00	57.38 4.20 0.00	61.62 3.65 0.00	60.06 4.24 0.00	57.47 5.13 -0.01	56.12 4.96 -0.01	53.43 4.81 -0.01	51.18 4.61 -0.01	51.30 4.62 -0.01	54.77 4.98 -0.01	59.88 5.14 -0.01	71.47 4.86 0.00	84.45 5.08 0.00	77.58 5.75 0.00	71.60 5.12 0.00	68.44 4.00 0.00	62.03 3.90 0.00	58.35 4.12 0.00	54.24 4.20 0.00
HOLTSVILLE_IC_10 23699	53.55 4.42 0.00	51.11 3.70 0.00	46.94 3.28 0.00	45.14 2.99 0.00	44.42 2.91 0.00	47.31 3.26 0.00	57.70 4.52 0.00	61.91 3.94 0.00	60.40 4.58 0.00	57.78 5.44 -0.01	56.48 5.32 -0.01	53.72 5.10 -0.01	51.50 4.93 -0.01	51.62 4.94 -0.01	55.12 5.33 -0.01	60.33 5.59 -0.01	72.00 5.39 0.00	85.00 5.64 0.00	78.16 6.32 0.00	72.13 5.65 0.00	68.89 4.44 0.00	62.44 4.30 0.00	58.73 4.50 0.00	54.54 4.51 0.00
HOLTSVILLE_IC_2 23691	53.26 4.13 0.00	50.83 3.42 0.00	46.68 3.01 0.00	44.93 2.78 0.00	44.21 2.70 0.00	47.08 3.04 0.00	57.38 4.20 0.00	61.62 3.65 0.00	60.06 4.24 0.00	57.47 5.13 -0.01	56.12 4.96 -0.01	53.43 4.81 -0.01	51.18 4.61 -0.01	51.30 4.62 -0.01	54.77 4.98 -0.01	59.88 5.14 -0.01	71.47 4.86 0.00	84.45 5.08 0.00	77.58 5.75 0.00	71.60 5.12 0.00	68.44 4.00 0.00	62.03 3.90 0.00	58.35 4.12 0.00	54.24 4.20 0.00
HOLTSVILLE_IC_3 23692	53.26 4.13 0.00	50.83 3.42 0.00	46.68 3.01 0.00	44.93 2.78 0.00	44.21 2.70 0.00	47.08 3.04 0.00	57.38 4.20 0.00	61.62 3.65 0.00	60.06 4.24 0.00	57.47 5.13 -0.01	56.12 4.96 -0.01	53.43 4.81 -0.01	51.18 4.61 -0.01	51.30 4.62 -0.01	54.77 4.98 -0.01	59.88 5.14 -0.01	71.47 4.86 0.00	84.45 5.08 0.00	77.58 5.75 0.00	71.60 5.12 0.00	68.44 4.00 0.00	62.03 3.90 0.00	58.35 4.12 0.00	54.24 4.20 0.00
HOLTSVILLE_IC_4 23693	53.26 4.13 0.00	50.83 3.42 0.00	46.68 3.01 0.00	44.93 2.78 0.00	44.21 2.70 0.00	47.08 3.04 0.00	57.38 4.20 0.00	61.62 3.65 0.00	60.06 4.24 0.00	57.47 5.13 -0.01	56.12 4.96 -0.01	53.43 4.81 -0.01	51.18 4.61 -0.01	51.30 4.62 -0.01	54.77 4.98 -0.01	59.88 5.14 -0.01	71.47 4.86 0.00	84.45 5.08 0.00	77.58 5.75 0.00	71.60 5.12 0.00	68.44 4.00 0.00	62.03 3.90 0.00	58.35 4.12 0.00	54.24 4.20 0.00
HOLTSVILLE_IC_5 23694	53.26 4.13 0.00	50.83 3.42 0.00	46.68 3.01 0.00	44.93 2.78 0.00	44.21 2.70 0.00	47.08 3.04 0.00	57.38 4.20 0.00	61.62 3.65 0.00	60.06 4.24 0.00	57.47 5.13 -0.01	56.12 4.96 -0.01	53.43 4.81 -0.01	51.18 4.61 -0.01	51.30 4.62 -0.01	54.77 4.98 -0.01	59.88 5.14 -0.01	71.47 4.86 0.00	84.45 5.08 0.00	77.58 5.75 0.00	71.60 5.12 0.00	68.44 4.00 0.00	62.03 3.90 0.00	58.35 4.12 0.00	54.24 4.20 0.00
HOLTSVILLE_IC_6 23695	53.55 4.42 0.00	51.11 3.70 0.00	46.94 3.28 0.00	45.14 2.99 0.00	44.42 2.91 0.00	47.31 3.26 0.00	57.70 4.52 0.00	61.91 3.94 0.00	60.40 4.58 0.00	57.78 5.44 -0.01	56.48 5.32 -0.01	53.72 5.10 -0.01	51.50 4.93 -0.01	51.62 4.94 -0.01	55.12 5.33 -0.01	60.33 5.59 -0.01	72.00 5.39 0.00	85.00 5.64 0.00	78.16 6.32 0.00	72.13 5.65 0.00	68.89 4.44 0.00	62.44 4.30 0.00	58.73 4.50 0.00	54.54 4.51 0.00
HOLTSVILLE_IC_7 23696	53.55 4.42 0.00	51.11 3.70 0.00	46.94 3.28 0.00	45.14 2.99 0.00	44.42 2.91 0.00	47.31 3.26 0.00	57.70 4.52 0.00	61.91 3.94 0.00	60.40 4.58 0.00	57.78 5.44 -0.01	56.48 5.32 -0.01	53.72 5.10 -0.01	51.50 4.93 -0.01	51.62 4.94 -0.01	55.12 5.33 -0.01	60.33 5.59 -0.01	72.00 5.39 0.00	85.00 5.64 0.00	78.16 6.32 0.00	72.13 5.65 0.00	68.89 4.44 0.00	62.44 4.30 0.00	58.73 4.50 0.00	54.54 4.51 0.00
HOLTSVILLE_IC_8 23697	53.55 4.42 0.00	51.11 3.70 0.00	46.94 3.28 0.00	45.14 2.99 0.00	44.42 2.91 0.00	47.31 3.26 0.00	57.70 4.52 0.00	61.91 3.94 0.00	60.40 4.58 0.00	57.78 5.44 -0.01	56.48 5.32 -0.01	53.72 5.10 -0.01	51.50 4.93 -0.01	51.62 4.94 -0.01	55.12 5.33 -0.01	60.33 5.59 -0.01	72.00 5.39 0.00	85.00 5.64 0.00	78.16 6.32 0.00	72.13 5.65 0.00	68.89 4.44 0.00	62.44 4.30 0.00	58.73 4.50 0.00	54.54 4.51 0.00
HOLTSVILLE_IC_9 23698	53.55 4.42 0.00	51.11 3.70 0.00	46.94 3.28 0.00	45.14 2.99 0.00	44.42 2.91 0.00	47.31 3.26 0.00	57.70 4.52 0.00	61.91 3.94 0.00	60.40 4.58 0.00	57.78 5.44 -0.01	56.48 5.32 -0.01	53.72 5.10 -0.01	51.50 4.93 -0.01	51.62 4.94 -0.01	55.12 5.33 -0.01	60.33 5.59 -0.01	72.00 5.39 0.00	85.00 5.64 0.00	78.16 6.32 0.00	72.13 5.65 0.00	68.89 4.44 0.00	62.44 4.30 0.00	58.73 4.50 0.00	54.54 4.51 0.00
HOMER_HL_115KV_TB2 355744	48.98 -0.15 0.00	46.99 -0.43 0.00	43.10 -0.57 0.00	41.72 -0.42 0.00	41.10 -0.42 0.00	44.09 0.04 0.00	52.22 -0.96 0.00	56.75 -1.22 0.00	54.03 -1.79 0.00	51.18 -1.15 0.00	50.85 -0.31 0.00	48.22 -0.39 0.00	45.96 -0.61 0.00	46.34 -0.33 0.00	48.74 -1.05 0.00	52.93 -1.81 0.00	64.08 -2.53 0.00	76.90 -2.46 0.00	69.10 -2.73 0.00	63.83 -2.66 0.00	61.93 -2.51 0.00	56.10 -2.03 0.00	52.82 -1.41 0.00	49.44 -0.60 0.00
HOWARD_WT_PWR 323690	50.06 0.93 0.00	48.03 0.61 0.00	44.15 0.48 0.00	42.69 0.55 0.00	42.02 0.50 0.00	44.93 0.88 0.00	53.39 0.21 0.00	57.91 -0.06 0.00	55.21 -0.61 0.00	52.07 -0.26 0.00	51.21 0.05 0.00	48.46 -0.15 0.00	46.38 -0.19 0.00	46.67 0.00 0.00	49.44 -0.35 0.00	53.97 -0.77 0.00	65.61 -1.00 0.00	78.65 -0.72 0.00	70.97 -0.86 0.00	65.75 -0.73 0.00	63.86 -0.58 0.00	57.79 -0.35 0.00	54.34 0.11 0.00	50.74 0.70 0.00
HQ_GEN_CEDARS 23644	48.69 -0.44 0.00	47.27 -0.14 0.00	43.80 0.13 0.00	42.06 -0.08 0.00	41.43 -0.08 0.00	43.61 -0.44 0.00	52.43 -0.74 0.00	56.98 -0.99 0.00	54.37 -1.45 0.00	51.13 -1.20 0.00	50.13 -1.02 0.00	47.64 -0.97 0.00	45.68 -0.88 0.00	45.78 -0.89 0.00	48.84 -0.95 0.00	53.31 -1.42 0.00	64.74 -1.87 0.00	77.22 -2.14 0.00	70.18 -1.65 0.00	65.35 -1.13 0.00	63.99 -0.45 0.00	57.55 -0.58 0.00	53.64 -0.60 0.00	50.04 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	48.69 -0.44 0.00	47.27 -0.14 0.00	43.80 0.13 0.00	42.06 -0.08 0.00	41.43 -0.08 0.00	43.61 -0.44 0.00	52.43 -0.74 0.00	56.98 -0.99 0.00	54.37 -1.45 0.00	51.13 -1.20 0.00	50.13 -1.02 0.00	47.64 -0.97 0.00	45.67 -0.89 0.00	45.78 -0.89 0.00	48.83 -0.95 0.00	53.31 -1.42 0.00	64.74 -1.86 0.00	77.22 -2.14 0.00	70.18 -1.65 0.00	65.35 -1.13 0.00	64.00 -0.45 0.00	57.55 -0.58 0.00	53.64 -0.60 0.00	49.39 -0.65 0.00

HQ_GEN_IMPORT 323601	49.13 0.00 0.00	47.41 0.00 0.00	43.67 0.00 0.00	42.14 0.00 0.00	41.52 0.00 0.00	44.05 0.00 0.00	53.18 0.00 0.00	57.96 0.00 0.00	55.82 0.00 0.00	52.33 0.00 0.00	51.16 0.00 0.00	48.61 0.00 0.00	46.56 0.00 0.00	46.67 0.00 0.00	49.78 0.00 0.00	54.73 0.00 0.00	66.61 0.00 0.00	79.36 0.00 0.00	71.83 0.00 0.00	66.48 0.00 0.00	64.45 0.00 0.00	58.13 0.00 0.00	54.23 0.00 0.00	50.04 0.00 0.00
HQ_GEN_WHEEL 23651	49.13 0.00 0.00	47.41 0.00 0.00	43.67 0.00 0.00	42.14 0.00 0.00	41.52 0.00 0.00	44.05 0.00 0.00	53.18 0.00 0.00	57.96 0.00 0.00	55.82 0.00 0.00	52.33 0.00 0.00	51.16 0.00 0.00	48.61 0.00 0.00	46.56 0.00 0.00	46.67 0.00 0.00	49.78 0.00 0.00	54.73 0.00 0.00	66.61 0.00 0.00	79.36 0.00 0.00	71.83 0.00 0.00	66.48 0.00 0.00	64.45 0.00 0.00	58.13 0.00 0.00	54.23 0.00 0.00	50.04 0.00 0.00
HUDSON AVE_GT_3 23810	52.03 2.90 0.00	50.02 2.61 0.00	45.98 2.31 0.00	44.29 2.15 0.00	43.59 2.08 0.00	46.29 2.25 0.00	56.37 3.19 0.00	61.56 3.59 0.00	59.62 3.80 0.00	56.20 3.87 0.00	54.94 3.79 0.00	52.35 3.74 0.00	50.19 3.63 0.00	50.26 3.59 0.00	53.56 3.78 0.00	58.67 3.94 0.00	70.94 4.33 0.00	84.76 5.40 0.00	76.86 5.03 0.00	71.14 4.65 0.00	68.89 4.45 0.00	62.09 3.95 0.00	57.76 3.53 0.00	52.99 2.95 0.00
HUDSON AVE_GT_4 23540	52.03 2.90 0.00	50.02 2.61 0.00	45.98 2.31 0.00	44.29 2.15 0.00	43.59 2.08 0.00	46.29 2.25 0.00	56.37 3.19 0.00	61.56 3.59 0.00	59.62 3.80 0.00	56.20 3.87 0.00	54.94 3.79 0.00	52.35 3.74 0.00	50.19 3.63 0.00	50.26 3.59 0.00	53.56 3.78 0.00	58.67 3.94 0.00	70.94 4.33 0.00	84.76 5.40 0.00	76.86 5.03 0.00	71.14 4.65 0.00	68.89 4.45 0.00	62.09 3.95 0.00	57.76 3.53 0.00	52.99 2.95 0.00
HUDSON AVE_GT_5 23657	52.03 2.90 0.00	50.02 2.61 0.00	45.98 2.31 0.00	44.29 2.15 0.00	43.59 2.08 0.00	46.29 2.25 0.00	56.37 3.19 0.00	61.56 3.59 0.00	59.62 3.80 0.00	56.20 3.87 0.00	54.94 3.79 0.00	52.35 3.74 0.00	50.19 3.63 0.00	50.26 3.59 0.00	53.56 3.78 0.00	58.67 3.94 0.00	70.94 4.33 0.00	84.76 5.40 0.00	76.86 5.03 0.00	71.14 4.65 0.00	68.89 4.45 0.00	62.09 3.95 0.00	57.76 3.53 0.00	52.99 2.95 0.00
HUDSON_AVE_10 24168	51.83 2.70 0.00	49.83 2.42 0.00	45.81 2.14 0.00	44.13 1.98 0.00	43.43 1.91 0.00	46.12 2.07 0.00	56.21 3.03 0.00	61.33 3.36 0.00	59.45 3.63 0.00	55.99 3.66 0.00	54.74 3.58 0.00	52.16 3.55 0.00	49.96 3.40 0.00	50.03 3.36 0.00	53.32 3.53 0.00	58.45 3.72 0.00	70.74 4.13 0.00	84.52 5.16 0.00	76.57 4.74 0.00	70.87 4.39 0.00	68.70 4.25 0.00	61.91 3.78 0.00	57.54 3.31 0.00	52.84 2.80 0.00
HUDSON___115KV_TB 4 355613	51.98 2.85 0.00	50.21 2.80 0.00	46.24 2.58 0.00	44.55 2.40 0.00	43.88 2.37 0.00	46.65 2.60 0.00	56.42 3.24 0.00	61.56 3.59 0.00	59.11 3.29 0.00	54.89 2.56 0.00	53.20 2.05 0.00	50.12 1.51 0.00	48.10 1.54 0.00	48.16 1.49 0.00	51.62 1.84 0.00	57.31 2.57 0.00	70.54 3.93 0.00	82.62 3.25 0.00	74.99 3.16 0.00	69.21 2.73 0.00	67.02 2.58 0.00	60.40 2.27 0.00	56.29 2.06 0.00	51.84 1.80 0.00
HUNTER MOUNT___DRP 323613	51.73 2.60 0.00	49.93 2.51 0.00	46.03 2.36 0.00	44.34 2.19 0.00	43.72 2.20 0.00	46.42 2.38 0.00	56.10 2.92 0.00	61.27 3.30 0.00	58.89 3.07 0.00	54.68 2.35 0.00	52.95 1.79 0.00	49.87 1.26 0.00	47.86 1.30 0.00	47.93 1.26 0.00	51.37 1.59 0.00	57.03 2.30 0.00	70.20 3.60 0.00	82.77 3.41 0.00	75.14 3.30 0.00	69.34 2.86 0.00	67.09 2.64 0.00	60.58 2.44 0.00	56.46 2.22 0.00	51.99 1.95 0.00
HUNTINGTON_RES_REC 323705	53.11 3.98 0.00	50.68 3.27 0.00	46.55 2.88 0.00	44.80 2.66 0.00	44.09 2.57 0.00	46.95 2.91 0.00	57.27 4.10 0.00	61.44 3.48 0.00	60.01 4.19 0.00	57.36 5.02 -0.01	56.03 4.86 -0.01	53.28 4.67 -0.01	51.08 4.52 -0.01	51.20 4.53 -0.01	54.67 4.88 -0.01	59.72 4.98 -0.01	71.34 4.73 0.00	84.28 4.92 0.00	77.36 5.53 0.00	71.47 4.99 0.00	68.31 3.87 0.00	61.86 3.72 0.00	58.30 4.07 0.00	54.14 4.10 0.00
HUNTLEY___63 23557	48.98 -0.15 0.00	47.08 -0.33 0.00	42.97 -0.70 0.00	41.64 -0.51 0.00	40.93 -0.58 0.00	43.91 -0.13 0.00	51.42 -1.75 0.00	55.53 -2.43 0.00	53.03 -2.79 0.00	50.24 -2.09 0.00	49.93 -1.23 0.00	47.39 -1.22 0.00	45.21 -1.35 0.00	45.50 -1.17 0.00	48.09 -1.69 0.00	52.27 -2.46 0.00	62.88 -3.73 0.00	75.39 -3.97 0.00	67.67 -4.17 0.00	62.50 -3.99 0.00	60.71 -3.74 0.00	55.11 -3.02 0.00	52.28 -1.95 0.00	49.19 -0.85 0.00
HUNTLEY___64 23558	48.98 -0.15 0.00	47.08 -0.33 0.00	42.97 -0.70 0.00	41.64 -0.51 0.00	40.93 -0.58 0.00	43.91 -0.13 0.00	51.42 -1.75 0.00	55.53 -2.43 0.00	53.03 -2.79 0.00	50.24 -2.09 0.00	49.93 -1.23 0.00	47.39 -1.22 0.00	45.21 -1.35 0.00	45.50 -1.17 0.00	48.09 -1.69 0.00	52.27 -2.46 0.00	62.88 -3.73 0.00	75.39 -3.97 0.00	67.67 -4.17 0.00	62.50 -3.99 0.00	60.71 -3.74 0.00	55.11 -3.02 0.00	52.28 -1.95 0.00	49.19 -0.85 0.00
HUNTLEY___65 23559	48.98 -0.15 0.00	47.08 -0.33 0.00	42.97 -0.70 0.00	41.64 -0.51 0.00	40.93 -0.58 0.00	43.91 -0.13 0.00	51.42 -1.75 0.00	55.53 -2.43 0.00	53.03 -2.79 0.00	50.24 -2.09 0.00	49.93 -1.23 0.00	47.39 -1.22 0.00	45.21 -1.35 0.00	45.50 -1.17 0.00	48.09 -1.69 0.00	52.27 -2.46 0.00	62.88 -3.73 0.00	75.39 -3.97 0.00	67.67 -4.17 0.00	62.50 -3.99 0.00	60.71 -3.74 0.00	55.11 -3.02 0.00	52.28 -1.95 0.00	49.19 -0.85 0.00
HUNTLEY___66 23560	48.98 -0.15 0.00	47.08 -0.33 0.00	42.97 -0.70 0.00	41.64 -0.51 0.00	40.93 -0.58 0.00	43.91 -0.13 0.00	51.42 -1.75 0.00	55.53 -2.43 0.00	53.03 -2.79 0.00	50.24 -2.09 0.00	49.93 -1.23 0.00	47.39 -1.22 0.00	45.21 -1.35 0.00	45.50 -1.17 0.00	48.09 -1.69 0.00	52.27 -2.46 0.00	62.88 -3.73 0.00	75.39 -3.97 0.00	67.67 -4.17 0.00	62.50 -3.99 0.00	60.71 -3.74 0.00	55.11 -3.02 0.00	52.28 -1.95 0.00	49.19 -0.85 0.00
HUNTLEY___67 23561	48.78 -0.34 0.00	46.75 -0.66 0.00	42.79 -0.87 0.00	41.47 -0.67 0.00	40.81 -0.71 0.00	43.78 -0.26 0.00	51.42 -1.75 0.00	55.47 -2.49 0.00	53.03 -2.79 0.00	50.24 -2.09 0.00	49.93 -1.23 0.00	47.39 -1.22 0.00	45.21 -1.35 0.00	45.45 -1.21 0.00	48.04 -1.74 0.00	52.21 -2.52 0.00	62.88 -3.73 0.00	75.39 -3.97 0.00	67.67 -4.17 0.00	62.43 -4.06 0.00	60.64 -3.80 0.00	55.11 -3.02 0.00	52.23 -2.01 0.00	49.04 -1.00 0.00
HUNTLEY___68 23562	48.78 -0.34 0.00	46.75 -0.66 0.00	42.79 -0.87 0.00	41.47 -0.67 0.00	40.81 -0.71 0.00	43.78 -0.26 0.00	51.42 -1.75 0.00	55.47 -2.49 0.00	53.03 -2.79 0.00	50.24 -2.09 0.00	49.93 -1.23 0.00	47.39 -1.22 0.00	45.21 -1.35 0.00	45.45 -1.21 0.00	48.04 -1.74 0.00	52.21 -2.52 0.00	62.88 -3.73 0.00	75.39 -3.97 0.00	67.67 -4.17 0.00	62.43 -4.06 0.00	60.64 -3.80 0.00	55.11 -3.02 0.00	52.23 -2.01 0.00	49.04 -1.00 0.00



HYLAND___LFGE 323620	51.44 2.31 0.00	49.17 1.76 0.00	45.20 1.53 0.00	43.75 1.60 0.00	43.09 1.58 0.00	46.16 2.11 0.00	54.88 1.70 0.00	59.41 1.45 0.00	56.60 0.78 0.00	52.85 0.52 0.00	51.56 0.41 0.00	48.71 0.10 0.00	46.65 0.09 0.00	46.85 0.19 0.00	49.78 0.00 0.00	54.68 -0.05 0.00	67.08 0.47 0.00	81.42 2.06 0.00	73.49 1.65 0.00	68.28 1.80 0.00	66.19 1.74 0.00	59.70 1.57 0.00	56.13 1.90 0.00	52.09 2.05 0.00
INDECK___CORINTH 23802	52.32 3.19 0.00	50.59 3.18 0.00	46.59 2.93 0.00	44.93 2.78 0.00	44.25 2.74 0.00	47.04 3.00 0.00	56.85 3.67 0.00	62.14 4.18 0.00	59.78 3.96 0.00	55.73 3.40 0.00	54.33 3.17 0.00	51.43 2.82 0.00	49.12 2.56 0.00	49.00 2.33 0.00	52.42 2.64 0.00	58.13 3.39 0.00	71.27 4.66 0.00	85.00 5.64 0.00	77.15 5.32 0.00	71.01 4.52 0.00	69.09 4.64 0.00	62.20 4.07 0.00	57.97 3.74 0.00	53.34 3.30 0.00
INDECK___ILION 23567	50.45 1.33 0.00	48.74 1.33 0.00	44.89 1.22 0.00	43.37 1.22 0.00	42.72 1.20 0.00	45.32 1.28 0.00	54.72 1.54 0.00	59.70 1.74 0.00	57.49 1.67 0.00	53.85 1.52 0.00	52.59 1.43 0.00	49.92 1.31 0.00	47.77 1.21 0.00	47.88 1.21 0.00	51.08 1.29 0.00	56.21 1.48 0.00	68.47 1.87 0.00	81.58 2.22 0.00	73.92 2.08 0.00	68.41 1.93 0.00	66.38 1.93 0.00	59.88 1.74 0.00	55.86 1.63 0.00	51.59 1.55 0.00
INDECK___OLEAN 23982	48.98 -0.15 0.00	46.99 -0.43 0.00	43.19 -0.48 0.00	41.72 -0.42 0.00	41.10 -0.42 0.00	44.09 0.04 0.00	52.27 -0.90 0.00	56.74 -1.22 0.00	54.03 -1.79 0.00	51.33 -1.00 0.00	50.85 -0.31 0.00	48.22 -0.39 0.00	45.95 -0.61 0.00	46.34 -0.32 0.00	48.73 -1.05 0.00	52.98 -1.75 0.00	64.08 -2.53 0.00	77.06 -2.30 0.00	69.10 -2.73 0.00	63.82 -2.66 0.00	62.00 -2.45 0.00	56.16 -1.98 0.00	52.82 -1.41 0.00	49.49 -0.55 0.00
INDECK___OSWEGO 23783	47.70 -1.43 0.00	45.94 -1.47 0.00	42.27 -1.40 0.00	40.88 -1.26 0.00	40.27 -1.24 0.00	42.68 -1.37 0.00	51.43 -1.75 0.00	56.05 -1.91 0.00	53.92 -1.90 0.00	50.65 -1.68 0.00	49.52 -1.64 0.00	47.05 -1.56 0.00	45.07 -1.49 0.00	45.17 -1.50 0.00	48.14 -1.64 0.00	52.93 -1.80 0.00	64.47 -2.13 0.00	76.90 -2.46 0.00	69.53 -2.30 0.00	64.35 -2.13 0.00	62.38 -2.06 0.00	56.27 -1.86 0.00	52.61 -1.63 0.00	48.58 -1.45 0.00
INDECK___YERKES 23781	49.03 -0.10 0.00	47.13 -0.28 0.00	43.06 -0.61 0.00	41.68 -0.46 0.00	40.97 -0.54 0.00	43.96 -0.09 0.00	51.58 -1.59 0.00	55.53 -2.43 0.00	53.03 -2.79 0.00	50.45 -1.88 0.00	49.98 -1.17 0.00	47.44 -1.17 0.00	45.26 -1.30 0.00	45.50 -1.16 0.00	48.14 -1.64 0.00	52.33 -2.41 0.00	62.94 -3.66 0.00	75.63 -3.73 0.00	67.74 -4.09 0.00	62.56 -3.92 0.00	60.78 -3.67 0.00	55.17 -2.96 0.00	52.33 -1.90 0.00	49.23 -0.80 0.00
INDIAN POINT_GT_1 24139	51.54 2.41 0.00	49.64 2.23 0.00	45.63 1.97 0.00	43.96 1.81 0.00	43.26 1.74 0.00	45.98 1.94 0.00	55.89 2.71 0.00	60.98 3.01 0.00	59.00 3.18 0.00	55.52 3.19 0.00	54.33 3.17 0.00	51.77 3.16 0.00	49.59 3.03 0.00	49.70 3.03 0.00	52.92 3.14 0.00	58.02 3.28 0.00	70.27 3.66 0.00	83.89 4.52 0.00	76.07 4.24 0.00	70.41 3.92 0.00	68.12 3.67 0.00	61.45 3.31 0.00	57.16 2.93 0.00	52.54 2.50 0.00
INDIAN POINT_GT_2 23659	51.54 2.41 0.00	49.64 2.23 0.00	45.63 1.97 0.00	43.96 1.81 0.00	43.26 1.74 0.00	45.98 1.94 0.00	55.89 2.71 0.00	60.98 3.01 0.00	59.00 3.18 0.00	55.52 3.19 0.00	54.33 3.17 0.00	51.77 3.16 0.00	49.59 3.03 0.00	49.70 3.03 0.00	52.92 3.14 0.00	58.02 3.28 0.00	70.27 3.66 0.00	83.89 4.52 0.00	76.07 4.24 0.00	70.41 3.92 0.00	68.12 3.67 0.00	61.45 3.31 0.00	57.16 2.93 0.00	52.54 2.50 0.00
INDIAN POINT_GT_3 24019	51.54 2.41 0.00	49.64 2.23 0.00	45.63 1.97 0.00	43.96 1.81 0.00	43.26 1.74 0.00	45.98 1.94 0.00	55.89 2.71 0.00	60.98 3.01 0.00	59.00 3.18 0.00	55.52 3.19 0.00	54.33 3.17 0.00	51.77 3.16 0.00	49.59 3.03 0.00	49.70 3.03 0.00	52.92 3.14 0.00	58.02 3.28 0.00	70.27 3.66 0.00	83.89 4.52 0.00	76.07 4.24 0.00	70.41 3.92 0.00	68.12 3.67 0.00	61.45 3.31 0.00	57.16 2.93 0.00	52.54 2.50 0.00
INDIAN POINT___2 23530	51.44 2.31 0.00	49.55 2.14 0.00	45.54 1.88 0.00	43.91 1.77 0.00	43.22 1.70 0.00	45.90 1.85 0.00	55.84 2.66 0.00	60.92 2.95 0.00	58.94 3.12 0.00	55.47 3.14 0.00	54.28 3.12 0.00	51.67 3.06 0.00	49.54 2.98 0.00	49.61 2.94 0.00	52.87 3.09 0.00	57.91 3.17 0.00	70.13 3.53 0.00	83.64 4.28 0.00	75.93 4.09 0.00	70.21 3.72 0.00	68.05 3.61 0.00	61.39 3.25 0.00	57.05 2.82 0.00	52.49 2.45 0.00
INDIAN POINT___3 23531	51.44 2.31 0.00	49.55 2.13 0.00	45.59 1.92 0.00	43.91 1.77 0.00	43.22 1.70 0.00	45.90 1.85 0.00	55.84 2.66 0.00	60.92 2.96 0.00	58.95 3.13 0.00	55.47 3.14 0.00	54.28 3.12 0.00	51.67 3.06 0.00	49.49 2.93 0.00	49.61 2.94 0.00	52.87 3.09 0.00	57.91 3.17 0.00	70.14 3.53 0.00	83.73 4.36 0.00	75.93 4.09 0.00	70.27 3.79 0.00	68.05 3.61 0.00	61.33 3.20 0.00	57.05 2.82 0.00	52.44 2.40 0.00
INGHAM_C_115KV_TB7 356103	52.08 2.95 0.00	50.35 2.94 0.00	46.38 2.71 0.00	44.80 2.66 0.00	44.13 2.62 0.00	46.82 2.77 0.00	56.53 3.35 0.00	61.73 3.77 0.00	59.34 3.52 0.00	55.57 3.24 0.00	54.22 3.07 0.00	51.48 2.87 0.00	49.26 2.70 0.00	49.33 2.66 0.00	52.62 2.84 0.00	57.91 3.17 0.00	70.47 3.86 0.00	84.04 4.68 0.00	76.14 4.31 0.00	70.54 4.06 0.00	68.44 4.00 0.00	61.91 3.78 0.00	57.81 3.58 0.00	53.39 3.35 0.00
IP CORINTH___1 23988	52.32 3.19 0.00	50.59 3.18 0.00	46.64 2.97 0.00	44.93 2.78 0.00	44.26 2.74 0.00	47.04 3.00 0.00	56.85 3.67 0.00	62.14 4.17 0.00	59.78 3.96 0.00	55.78 3.45 0.00	54.33 3.17 0.00	51.43 2.82 0.00	49.12 2.56 0.00	49.00 2.33 0.00	52.42 2.64 0.00	58.13 3.39 0.00	71.27 4.66 0.00	85.00 5.63 0.00	77.15 5.32 0.00	71.01 4.52 0.00	69.09 4.64 0.00	62.20 4.07 0.00	57.98 3.74 0.00	53.34 3.30 0.00
IP___TICONDEROGA 23804	54.48 5.35 0.00	52.72 5.31 0.00	48.56 4.89 0.00	46.78 4.64 0.00	46.00 4.48 0.00	49.07 5.02 0.00	59.24 6.06 0.00	64.80 6.84 0.00	62.13 6.31 0.00	57.88 5.55 0.00	56.37 5.22 0.00	53.18 4.57 0.00	50.70 4.14 0.00	50.49 3.83 0.00	53.96 4.18 0.00	60.15 5.42 0.00	74.27 7.66 0.00	88.96 9.60 0.00	80.96 9.12 0.00	74.40 7.91 0.00	72.37 7.93 0.00	65.05 6.92 0.00	60.58 6.35 0.00	55.64 5.60 0.00
ISLIP_RES_REC 323679	53.80 4.67 0.00	51.30 3.89 0.00	47.12 3.45 0.00	45.31 3.16 0.00	44.59 3.07 0.00	47.48 3.44 0.00	57.91 4.73 0.00	62.14 4.18 0.00	60.62 4.80 0.00	58.04 5.70 -0.01	56.74 5.58 -0.01	54.01 5.39 -0.01	51.74 5.17 -0.01	51.85 5.18 -0.01	55.41 5.62 -0.01	60.60 5.86 -0.01	72.40 5.79 0.00	85.47 6.11 0.00	78.58 6.75 0.00	72.53 6.05 0.00	69.28 4.84 0.00	62.72 4.59 0.00	59.01 4.77 0.00	54.79 4.76 0.00

JAMAICA__27_KV_LOAD 355505	51.73 2.60 0.00	49.69 2.28 0.00	45.63 1.97 0.00	43.96 1.81 0.00	43.26 1.74 0.00	45.98 1.94 0.00	56.10 2.92 0.00	61.33 3.36 0.00	59.45 3.63 0.00	55.89 3.56 0.00	54.69 3.53 0.00	51.86 3.26 0.00	49.63 3.07 0.00	49.75 3.08 0.00	53.07 3.29 0.00	58.24 3.50 0.00	70.74 4.13 0.00	84.68 5.32 0.00	76.79 4.96 0.00	71.07 4.59 0.00	68.89 4.45 0.00	62.03 3.89 0.00	57.65 3.42 0.00	52.79 2.75 0.00
JANIS__SOLAR 323808	51.04 1.91 0.00	49.17 1.76 0.00	45.15 1.49 0.00	43.70 1.56 0.00	42.97 1.45 0.00	45.68 1.63 0.00	55.09 1.91 0.00	60.17 2.20 0.00	57.49 1.67 0.00	53.74 1.41 0.00	52.12 0.97 0.00	49.38 0.78 0.00	47.35 0.79 0.00	47.51 0.84 0.00	50.58 0.79 0.00	56.04 1.31 0.00	68.80 2.19 0.00	82.54 3.18 0.00	74.71 2.88 0.00	69.15 2.66 0.00	67.09 2.64 0.00	60.34 2.21 0.00	56.35 2.11 0.00	52.14 2.10 0.00
JARVIS____ 23743	49.28 0.15 0.00	47.60 0.19 0.00	43.84 0.18 0.00	42.31 0.17 0.00	41.68 0.17 0.00	44.18 0.13 0.00	53.39 0.21 0.00	58.20 0.23 0.00	56.04 0.22 0.00	52.54 0.21 0.00	51.31 0.15 0.00	48.75 0.15 0.00	46.70 0.14 0.00	46.81 0.14 0.00	49.93 0.15 0.00	54.95 0.22 0.00	66.87 0.27 0.00	79.68 0.32 0.00	72.19 0.36 0.00	66.82 0.33 0.00	64.77 0.32 0.00	58.37 0.23 0.00	54.45 0.22 0.00	50.24 0.20 0.00
JENNISON____1 23625	51.29 2.16 0.00	49.50 2.09 0.00	45.41 1.75 0.00	43.91 1.77 0.00	43.18 1.66 0.00	45.85 1.81 0.00	55.36 2.18 0.00	60.51 2.55 0.00	58.05 2.23 0.00	54.37 2.04 0.00	52.89 1.74 0.00	50.21 1.60 0.00	48.05 1.49 0.00	48.21 1.54 0.00	51.23 1.44 0.00	56.65 1.92 0.00	69.27 2.66 0.00	83.25 3.89 0.00	75.21 3.38 0.00	69.61 3.12 0.00	67.54 3.09 0.00	60.69 2.56 0.00	56.62 2.39 0.00	52.39 2.35 0.00
JENNISON____2 23626	51.29 2.16 0.00	49.50 2.09 0.00	45.41 1.75 0.00	43.91 1.77 0.00	43.18 1.66 0.00	45.85 1.81 0.00	55.36 2.18 0.00	60.51 2.55 0.00	58.05 2.23 0.00	54.37 2.04 0.00	52.89 1.74 0.00	50.21 1.60 0.00	48.05 1.49 0.00	48.21 1.54 0.00	51.23 1.44 0.00	56.65 1.92 0.00	69.27 2.66 0.00	83.25 3.89 0.00	75.21 3.38 0.00	69.61 3.12 0.00	67.54 3.09 0.00	60.69 2.56 0.00	56.62 2.39 0.00	52.39 2.35 0.00
JERICOHO_RISE_WT_PWR 323719	48.05 -1.08 0.00	46.65 -0.76 0.00	43.23 -0.44 0.00	41.55 -0.59 0.00	40.97 -0.54 0.00	43.21 -0.84 0.00	52.06 -1.12 0.00	56.57 -1.39 0.00	54.09 -1.73 0.00	50.76 -1.57 0.00	49.78 -1.38 0.00	47.20 -1.41 0.00	45.21 -1.35 0.00	45.31 -1.35 0.00	48.34 -1.45 0.00	52.76 -1.97 0.00	64.21 -2.40 0.00	76.58 -2.78 0.00	69.68 -2.15 0.00	64.96 -1.53 0.00	63.48 -0.96 0.00	57.09 -1.04 0.00	53.15 -1.08 0.00	48.84 -1.20 0.00
KATONAH__115KV_46KV_TB4 355592	51.83 2.70 0.00	49.93 2.51 0.00	45.94 2.27 0.00	44.21 2.07 0.00	43.55 2.03 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.38 3.42 0.00	59.39 3.57 0.00	55.89 3.56 0.00	54.69 3.53 0.00	52.06 3.45 0.00	49.87 3.31 0.00	49.98 3.31 0.00	53.22 3.43 0.00	58.35 3.61 0.00	70.74 4.13 0.00	84.44 5.08 0.00	76.57 4.74 0.00	70.87 4.39 0.00	68.57 4.12 0.00	61.85 3.72 0.00	57.49 3.25 0.00	52.84 2.80 0.00
KCE_NY_1 323755	51.63 2.50 0.00	49.92 2.51 0.00	46.02 2.36 0.00	44.38 2.23 0.00	43.71 2.20 0.00	46.47 2.42 0.00	56.10 2.92 0.00	61.27 3.30 0.00	58.94 3.12 0.00	54.94 2.62 0.00	53.56 2.40 0.00	50.74 2.14 0.00	48.56 2.00 0.00	48.58 1.91 0.00	51.97 2.19 0.00	57.58 2.84 0.00	70.47 3.86 0.00	83.88 4.52 0.00	76.07 4.24 0.00	70.14 3.65 0.00	68.05 3.61 0.00	61.33 3.20 0.00	57.16 2.93 0.00	52.64 2.60 0.00
KCE_NY_6_ESR 323823	49.28 0.15 0.00	47.18 -0.24 0.00	43.32 -0.35 0.00	41.89 -0.25 0.00	41.23 -0.29 0.00	44.22 0.18 0.00	52.06 -1.12 0.00	56.23 -1.74 0.00	53.64 -2.18 0.00	51.02 -1.31 0.00	50.49 -0.67 0.00	47.93 -0.68 0.00	45.72 -0.84 0.00	46.01 -0.65 0.00	48.59 -1.20 0.00	52.87 -1.86 0.00	63.68 -2.93 0.00	76.51 -2.85 0.00	68.60 -3.23 0.00	63.36 -3.12 0.00	61.55 -2.90 0.00	55.81 -2.33 0.00	52.88 -1.35 0.00	49.64 -0.40 0.00
KEDC_PORT_JEFF_GT2 24210	53.40 4.27 0.00	50.92 3.51 0.00	46.81 3.15 0.00	45.01 2.87 0.00	44.30 2.78 0.00	47.17 3.13 0.00	57.54 4.36 0.00	61.73 3.77 0.00	60.23 4.41 0.00	57.62 5.28 -0.01	56.33 5.16 -0.01	53.58 4.96 -0.01	51.37 4.80 -0.01	51.48 4.81 -0.01	55.02 5.23 -0.01	60.16 5.42 -0.01	71.61 5.00 0.00	84.04 4.68 0.00	77.65 5.82 0.00	71.74 5.25 0.00	68.51 4.06 0.00	62.20 4.07 0.00	58.57 4.34 0.00	54.39 4.35 0.00
KEDC_PORT_JEFF_GT3 24211	53.40 4.27 0.00	50.92 3.51 0.00	46.81 3.15 0.00	45.01 2.87 0.00	44.30 2.78 0.00	47.17 3.13 0.00	57.54 4.36 0.00	61.73 3.77 0.00	60.23 4.41 0.00	57.62 5.28 -0.01	56.33 5.16 -0.01	53.58 4.96 -0.01	51.37 4.80 -0.01	51.48 4.81 -0.01	55.02 5.23 -0.01	60.16 5.42 -0.01	71.61 5.00 0.00	84.04 4.68 0.00	77.65 5.82 0.00	71.74 5.25 0.00	68.51 4.06 0.00	62.20 4.07 0.00	58.57 4.34 0.00	54.39 4.35 0.00
KEDC_GLWD_GT4 24219	52.47 3.34 0.00	50.35 2.94 0.00	46.24 2.58 0.00	44.55 2.40 0.00	43.84 2.32 0.00	46.60 2.55 0.00	56.74 3.56 0.00	61.56 3.60 0.00	59.78 3.96 0.00	56.68 4.34 -0.01	55.41 4.24 -0.01	52.80 4.18 -0.01	50.58 4.00 -0.01	50.64 3.96 -0.01	53.97 4.18 -0.01	59.18 4.43 -0.01	71.34 4.73 0.00	84.83 5.47 0.00	77.22 5.39 0.00	71.40 4.92 0.00	68.83 4.38 0.00	62.09 3.96 0.00	58.03 3.80 0.00	53.54 3.50 0.00
KEDC_GLWD_GT5 24220	52.47 3.34 0.00	50.35 2.94 0.00	46.24 2.58 0.00	44.55 2.40 0.00	43.84 2.32 0.00	46.60 2.55 0.00	56.74 3.56 0.00	61.56 3.60 0.00	59.78 3.96 0.00	56.68 4.34 -0.01	55.41 4.24 -0.01	52.80 4.18 -0.01	50.58 4.00 -0.01	50.64 3.96 -0.01	53.97 4.18 -0.01	59.18 4.43 -0.01	71.34 4.73 0.00	84.83 5.47 0.00	77.22 5.39 0.00	71.40 4.92 0.00	68.83 4.38 0.00	62.09 3.96 0.00	58.03 3.80 0.00	53.54 3.50 0.00
KENSICO____ 23655	51.63 2.51 0.00	49.74 2.32 0.00	45.72 2.05 0.00	44.04 1.90 0.00	43.34 1.83 0.00	46.07 2.03 0.00	56.00 2.82 0.00	61.09 3.13 0.00	59.11 3.29 0.00	55.68 3.35 0.00	54.48 3.33 0.00	51.86 3.26 0.00	49.73 3.17 0.00	49.79 3.13 0.00	53.07 3.29 0.00	58.18 3.45 0.00	70.40 3.80 0.00	84.04 4.68 0.00	76.21 4.38 0.00	70.54 4.06 0.00	68.31 3.87 0.00	61.56 3.43 0.00	57.27 3.04 0.00	52.64 2.60 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.98 2.85 0.00	50.07 2.66 0.00	46.03 2.36 0.00	44.29 2.15 0.00	43.63 2.12 0.00	46.38 2.33 0.00	56.42 3.24 0.00	61.62 3.65 0.00	59.56 3.74 0.00	55.94 3.61 0.00	54.48 3.33 0.00	51.62 3.01 0.00	49.54 2.98 0.00	49.61 2.94 0.00	52.97 3.19 0.00	58.24 3.50 0.00	70.80 4.20 0.00	84.68 5.32 0.00	76.79 4.96 0.00	71.07 4.59 0.00	68.76 4.32 0.00	62.09 3.95 0.00	57.81 3.58 0.00	53.14 3.10 0.00

KIAC_JFK_GT1 23816	51.44 2.31 0.00	49.45 2.04 0.00	45.41 1.75 0.00	43.70 1.56 0.00	43.01 1.49 0.00	45.72 1.67 0.00	55.78 2.61 0.00	60.98 3.01 0.00	59.11 3.29 0.00	55.57 3.24 0.00	54.38 3.22 0.00	51.57 2.97 0.00	49.35 2.79 0.00	49.47 2.80 0.00	52.77 2.99 0.00	57.91 3.17 0.00	70.27 3.66 0.00	84.04 4.68 0.00	76.21 4.38 0.00	70.54 4.06 0.00	68.38 3.93 0.00	61.62 3.49 0.00	57.27 3.04 0.00	52.44 2.40 0.00
KIAC_JFK_GT2 23817	51.44 2.31 0.00	49.45 2.04 0.00	45.41 1.75 0.00	43.70 1.56 0.00	43.01 1.49 0.00	45.72 1.67 0.00	55.78 2.61 0.00	60.98 3.01 0.00	59.11 3.29 0.00	55.57 3.24 0.00	54.38 3.22 0.00	51.57 2.97 0.00	49.35 2.79 0.00	49.47 2.80 0.00	52.77 2.99 0.00	57.91 3.17 0.00	70.27 3.66 0.00	84.04 4.68 0.00	76.21 4.38 0.00	70.54 4.06 0.00	68.38 3.93 0.00	61.62 3.49 0.00	57.27 3.04 0.00	52.44 2.40 0.00
KIAC_JFK____ 323774	51.44 2.31 0.00	49.45 2.04 0.00	45.37 1.70 0.00	43.70 1.56 0.00	43.01 1.49 0.00	45.72 1.67 0.00	55.78 2.61 0.00	60.98 3.01 0.00	59.11 3.29 0.00	55.57 3.25 0.00	54.38 3.22 0.00	51.57 2.97 0.00	49.35 2.79 0.00	49.47 2.80 0.00	52.77 2.99 0.00	57.91 3.17 0.00	70.27 3.66 0.00	83.96 4.60 0.00	76.22 4.38 0.00	70.54 4.06 0.00	68.38 3.93 0.00	61.62 3.49 0.00	57.27 3.04 0.00	52.49 2.45 0.00
KINTIGH__24_KV_GSU 356498	48.44 -0.69 0.00	46.51 -0.90 0.00	42.62 -1.05 0.00	41.22 -0.93 0.00	40.56 -0.95 0.00	43.43 -0.62 0.00	51.32 -1.86 0.00	55.36 -2.61 0.00	52.97 -2.84 0.00	50.29 -2.04 0.00	49.67 -1.49 0.00	47.20 -1.41 0.00	45.03 -1.54 0.00	45.27 -1.40 0.00	47.94 -1.84 0.00	52.22 -2.52 0.00	62.94 -3.66 0.00	75.55 -3.81 0.00	67.66 -4.17 0.00	62.56 -3.92 0.00	60.78 -3.67 0.00	55.11 -3.03 0.00	52.12 -2.12 0.00	48.79 -1.25 0.00
KINTIGH____ 23543	48.44 -0.69 0.00	46.47 -0.95 0.00	42.58 -1.09 0.00	41.22 -0.93 0.00	40.56 -0.95 0.00	43.43 -0.62 0.00	51.21 -1.97 0.00	55.36 -2.61 0.00	52.97 -2.85 0.00	50.13 -2.20 0.00	49.67 -1.48 0.00	47.20 -1.41 0.00	45.02 -1.54 0.00	45.27 -1.40 0.00	47.94 -1.84 0.00	52.21 -2.52 0.00	62.94 -3.66 0.00	75.47 -3.89 0.00	67.67 -4.17 0.00	62.56 -3.92 0.00	60.71 -3.74 0.00	55.11 -3.02 0.00	52.12 -2.12 0.00	48.79 -1.25 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.54 -0.59 0.00	47.13 -0.28 0.00	43.71 0.04 0.00	41.98 -0.17 0.00	41.39 -0.12 0.00	43.65 -0.40 0.00	52.59 -0.58 0.00	57.15 -0.81 0.00	54.54 -1.28 0.00	51.23 -1.10 0.00	50.23 -0.92 0.00	47.68 -0.92 0.00	45.68 -0.88 0.00	45.78 -0.89 0.00	48.84 -0.95 0.00	53.31 -1.42 0.00	64.88 -1.73 0.00	77.46 -1.90 0.00	70.54 -1.29 0.00	65.75 0.00 0.00	64.32 -0.13 0.00	57.73 -0.41 0.00	53.69 -0.54 0.00	50.04 0.00 0.00
LACHUTE____HYDRO 323717	54.48 5.36 0.00	52.72 5.31 0.00	48.56 4.89 0.00	46.78 4.64 0.00	46.00 4.49 0.00	49.07 5.02 0.00	59.24 6.06 0.00	64.80 6.84 0.00	62.13 6.31 0.00	57.82 5.49 0.00	56.38 5.22 0.00	53.18 4.57 0.00	50.70 4.14 0.00	50.49 3.83 0.00	53.96 4.18 0.00	60.15 5.42 0.00	74.26 7.66 0.00	89.04 9.68 0.00	81.03 9.20 0.00	74.39 7.91 0.00	72.37 7.92 0.00	65.05 6.91 0.00	60.58 6.34 0.00	55.69 5.65 0.00
LAWRNCV_115KV_TB1 80681	48.49 -0.64 0.00	47.03 -0.38 0.00	43.58 -0.09 0.00	41.85 -0.30 0.00	41.18 -0.33 0.00	43.25 -0.79 0.00	51.80 -1.38 0.00	56.34 -1.62 0.00	53.75 -2.07 0.00	50.50 -1.83 0.00	49.47 -1.69 0.00	47.00 -1.60 0.00	45.07 -1.49 0.00	45.22 -1.45 0.00	48.19 -1.59 0.00	52.71 -2.03 0.00	64.01 -2.60 0.00	76.27 -3.10 0.00	69.25 -2.59 0.00	64.56 -1.93 0.00	63.41 -1.03 0.00	57.09 -1.05 0.00	53.37 -0.87 0.00	49.89 -0.15 0.00
LEDERLE____ 23769	51.68 2.55 0.00	49.78 2.37 0.00	45.76 2.10 0.00	44.08 1.94 0.00	43.38 1.87 0.00	46.12 2.07 0.00	56.10 2.92 0.00	61.21 3.25 0.00	59.22 3.40 0.00	55.78 3.45 0.00	54.53 3.38 0.00	51.91 3.31 0.00	49.73 3.17 0.00	49.84 3.17 0.00	53.07 3.29 0.00	58.18 3.45 0.00	70.54 3.93 0.00	84.20 4.84 0.00	76.29 4.45 0.00	70.61 4.12 0.00	68.38 3.93 0.00	61.68 3.55 0.00	57.32 3.09 0.00	52.74 2.70 0.00
LIGHTHSE_115KV_TB6 355974	48.24 -0.88 0.00	46.51 -0.90 0.00	42.75 -0.92 0.00	41.30 -0.84 0.00	40.64 -0.87 0.00	43.03 -1.01 0.00	51.74 -1.44 0.00	56.46 -1.51 0.00	54.26 -1.56 0.00	50.92 -1.41 0.00	49.67 -1.48 0.00	47.25 -1.36 0.00	45.26 -1.30 0.00	45.36 -1.31 0.00	48.39 -1.39 0.00	53.25 -1.48 0.00	64.94 -1.67 0.00	77.70 -1.67 0.00	70.32 -1.51 0.00	65.15 -1.33 0.00	63.29 -1.16 0.00	57.09 -1.05 0.00	53.37 -0.87 0.00	49.29 -0.75 0.00
LINDEN COGEN____ 23786	51.68 2.55 0.00	49.74 2.32 0.00	45.68 2.01 0.00	44.04 1.90 0.00	43.34 1.82 0.00	46.07 2.03 0.00	56.05 2.87 0.00	61.21 3.24 0.00	59.34 3.52 0.00	55.89 3.56 0.00	54.68 3.53 0.00	52.11 3.50 0.00	49.96 3.40 0.00	50.03 3.36 0.00	53.27 3.48 0.00	58.40 3.67 0.00	70.54 3.93 0.00	84.20 4.84 0.00	76.36 4.53 0.00	70.68 4.19 0.00	68.51 4.06 0.00	61.74 3.61 0.00	57.43 3.20 0.00	52.74 2.70 0.00
LINDHRST_69_KV_BK1 356055	53.84 4.72 0.00	51.40 3.98 0.00	47.20 3.54 0.00	45.39 3.25 0.00	44.67 3.16 0.00	47.53 3.48 0.00	58.07 4.89 0.00	62.37 4.41 0.00	60.79 4.97 0.00	58.15 5.81 -0.01	56.84 5.68 -0.01	54.06 5.44 -0.01	51.83 5.26 -0.01	51.95 5.27 -0.01	55.42 5.63 -0.01	60.65 5.91 -0.01	72.80 6.19 0.00	86.90 7.54 0.00	79.02 7.18 0.00	73.07 6.58 0.00	69.92 5.48 0.00	63.07 4.94 0.00	59.28 5.04 0.00	54.84 4.80 0.00
LIPA_MISC_IPP 23656	53.45 4.32 0.00	51.02 3.60 0.00	46.90 3.23 0.00	45.14 2.99 0.00	44.42 2.91 0.00	47.26 3.22 0.00	57.65 4.47 0.00	61.73 3.77 0.00	60.23 4.41 0.00	57.67 5.34 -0.01	56.33 5.17 -0.01	53.62 5.01 -0.01	51.37 4.80 -0.01	51.48 4.81 -0.01	55.02 5.23 -0.01	60.21 5.47 -0.01	71.87 5.26 0.00	85.79 6.43 0.00	78.01 6.18 0.00	72.14 5.65 0.00	68.89 4.45 0.00	62.26 4.13 0.00	58.52 4.28 0.00	54.39 4.35 0.00
LISF____SOLAR 323691	53.55 4.42 0.00	51.11 3.70 0.00	46.94 3.28 0.00	45.22 3.07 0.00	44.46 2.95 0.00	47.35 3.31 0.00	57.70 4.52 0.00	61.85 3.88 0.00	60.29 4.47 0.00	57.73 5.39 -0.01	56.43 5.27 -0.01	53.67 5.06 -0.01	51.41 4.84 -0.01	51.57 4.90 -0.01	55.12 5.33 -0.01	60.33 5.59 -0.01	72.07 5.46 0.00	85.15 5.79 0.00	78.22 6.39 0.00	72.13 5.65 0.00	68.89 4.44 0.00	62.38 4.24 0.00	58.62 4.39 0.00	54.49 4.45 0.00
LITTLE FALLS____HYD 24013	52.08 2.95 0.00	50.35 2.94 0.00	46.38 2.71 0.00	44.80 2.66 0.00	44.13 2.62 0.00	46.82 2.77 0.00	56.53 3.35 0.00	61.73 3.77 0.00	59.34 3.52 0.00	55.57 3.24 0.00	54.22 3.07 0.00	51.48 2.87 0.00	49.26 2.70 0.00	49.33 2.66 0.00	52.62 2.84 0.00	57.91 3.17 0.00	70.47 3.86 0.00	84.04 4.68 0.00	76.14 4.31 0.00	70.54 4.06 0.00	68.44 4.00 0.00	61.91 3.78 0.00	57.81 3.58 0.00	53.39 3.35 0.00

LITTLRIV_115KV_TB1 356100	49.03 -0.10 0.00	47.60 0.19 0.00	44.06 0.39 0.00	42.31 0.17 0.00	41.64 0.12 0.00	43.74 -0.31 0.00	52.43 -0.74 0.00	57.04 -0.93 0.00	54.31 -1.51 0.00	50.86 -1.47 0.00	49.77 -1.38 0.00	47.25 -1.36 0.00	45.30 -1.26 0.00	45.41 -1.26 0.00	48.44 -1.34 0.00	53.04 -1.70 0.00	64.61 -2.00 0.00	77.22 -2.14 0.00	70.25 -1.58 0.00	65.49 -1.00 0.00	64.38 -0.06 0.00	57.84 -0.29 0.00	54.07 -0.16 0.00	50.49 0.45 0.00
LI_NEWBRDGE___DRP 323616	52.71 3.59 0.00	50.35 2.94 0.00	46.29 2.62 0.00	44.50 2.36 0.00	43.84 2.32 0.00	46.65 2.60 0.00	56.90 3.72 0.00	61.21 3.25 0.00	59.67 3.85 0.00	56.94 4.60 -0.01	55.56 4.40 -0.01	52.80 4.18 -0.01	50.62 4.05 -0.01	50.69 4.01 -0.01	54.07 4.28 -0.01	59.23 4.49 -0.01	71.00 4.40 0.00	84.76 5.40 0.00	77.00 5.17 0.00	71.27 4.79 0.00	68.25 3.80 0.00	61.68 3.55 0.00	57.98 3.74 0.00	53.69 3.65 0.00
LOCKPORT_115KV_TB60_63_64 80432	49.13 0.00 0.00	46.51 -0.90 0.00	43.06 -0.61 0.00	41.72 -0.42 0.00	41.06 -0.46 0.00	44.05 0.00 0.00	51.32 -1.86 0.00	55.18 -2.78 0.00	52.69 -3.13 0.00	49.92 -2.41 0.00	49.62 -1.53 0.00	47.10 -1.51 0.00	44.93 -1.63 0.00	45.17 -1.49 0.00	47.74 -2.04 0.00	51.94 -2.79 0.00	62.54 -4.06 0.00	75.08 -4.29 0.00	67.31 -4.53 0.00	62.16 -4.32 0.00	60.32 -4.12 0.00	54.82 -3.31 0.00	52.01 -2.22 0.00	49.14 -0.90 0.00
LOCKPORT___CC1 323769	49.03 -0.10 0.00	46.56 -0.85 0.00	43.06 -0.61 0.00	41.68 -0.46 0.00	41.02 -0.50 0.00	44.00 -0.04 0.00	51.43 -1.75 0.00	55.24 -2.72 0.00	52.75 -3.07 0.00	50.13 -2.20 0.00	49.67 -1.49 0.00	47.15 -1.46 0.00	44.93 -1.63 0.00	45.22 -1.45 0.00	47.79 -1.99 0.00	51.94 -2.79 0.00	62.54 -4.07 0.00	75.23 -4.13 0.00	67.31 -4.52 0.00	62.16 -4.32 0.00	60.45 -4.00 0.00	54.88 -3.25 0.00	52.06 -2.17 0.00	49.14 -0.90 0.00
LOCKPORT___CC2 323770	49.03 -0.10 0.00	46.56 -0.85 0.00	43.06 -0.61 0.00	41.68 -0.46 0.00	41.02 -0.50 0.00	44.00 -0.04 0.00	51.43 -1.75 0.00	55.24 -2.72 0.00	52.75 -3.07 0.00	50.13 -2.20 0.00	49.67 -1.49 0.00	47.15 -1.46 0.00	44.93 -1.63 0.00	45.22 -1.45 0.00	47.79 -1.99 0.00	51.94 -2.79 0.00	62.54 -4.07 0.00	75.23 -4.13 0.00	67.31 -4.52 0.00	62.16 -4.32 0.00	60.45 -4.00 0.00	54.88 -3.25 0.00	52.06 -2.17 0.00	49.14 -0.90 0.00
LOCKPORT___CC3 323771	49.03 -0.10 0.00	46.56 -0.85 0.00	43.06 -0.61 0.00	41.68 -0.46 0.00	41.02 -0.50 0.00	44.00 -0.04 0.00	51.43 -1.75 0.00	55.24 -2.72 0.00	52.75 -3.07 0.00	50.13 -2.20 0.00	49.67 -1.49 0.00	47.15 -1.46 0.00	44.93 -1.63 0.00	45.22 -1.45 0.00	47.79 -1.99 0.00	51.94 -2.79 0.00	62.54 -4.07 0.00	75.23 -4.13 0.00	67.31 -4.52 0.00	62.16 -4.32 0.00	60.45 -4.00 0.00	54.88 -3.25 0.00	52.06 -2.17 0.00	49.14 -0.90 0.00
LOCUSVLY_69_KV_BK2 55797	52.86 3.73 0.00	50.59 3.18 0.00	46.51 2.84 0.00	44.76 2.61 0.00	44.05 2.53 0.00	46.82 2.77 0.00	57.11 3.94 0.00	61.67 3.71 0.00	60.01 4.19 0.00	57.10 4.76 -0.01	55.82 4.66 -0.01	53.14 4.52 -0.01	50.95 4.38 -0.01	51.02 4.34 -0.01	54.37 4.58 -0.01	59.56 4.82 -0.01	71.60 5.00 0.00	85.39 6.03 0.00	77.58 5.75 0.00	71.80 5.32 0.00	68.96 4.51 0.00	62.20 4.07 0.00	58.30 4.07 0.00	53.84 3.80 0.00
LONG_LAKE_PHOENIX 24014	47.80 -1.33 0.00	46.09 -1.33 0.00	42.40 -1.27 0.00	40.96 -1.18 0.00	40.35 -1.16 0.00	42.86 -1.19 0.00	51.64 -1.54 0.00	56.23 -1.74 0.00	54.14 -1.67 0.00	50.81 -1.52 0.00	49.72 -1.43 0.00	47.20 -1.41 0.00	45.21 -1.35 0.00	45.36 -1.31 0.00	48.34 -1.44 0.00	53.09 -1.64 0.00	64.68 -1.93 0.00	77.06 -2.30 0.00	69.68 -2.15 0.00	64.49 -1.99 0.00	62.51 -1.93 0.00	56.45 -1.69 0.00	52.71 -1.52 0.00	48.69 -1.35 0.00
LOVETT___3 23632	51.44 2.31 0.00	49.55 2.13 0.00	45.55 1.88 0.00	43.87 1.73 0.00	43.22 1.70 0.00	45.90 1.85 0.00	55.84 2.66 0.00	60.92 2.96 0.00	58.89 3.07 0.00	55.47 3.14 0.00	54.28 3.12 0.00	51.67 3.06 0.00	49.49 2.93 0.00	49.61 2.94 0.00	52.82 3.04 0.00	57.91 3.17 0.00	70.14 3.53 0.00	83.73 4.36 0.00	75.93 4.09 0.00	70.21 3.72 0.00	67.99 3.54 0.00	61.33 3.20 0.00	57.05 2.82 0.00	52.44 2.40 0.00
LOVETT___4 23642	51.44 2.31 0.00	49.55 2.13 0.00	45.55 1.88 0.00	43.87 1.73 0.00	43.22 1.70 0.00	45.90 1.85 0.00	55.84 2.66 0.00	60.92 2.96 0.00	58.89 3.07 0.00	55.47 3.14 0.00	54.28 3.12 0.00	51.67 3.06 0.00	49.49 2.93 0.00	49.61 2.94 0.00	52.82 3.04 0.00	57.91 3.17 0.00	70.14 3.53 0.00	83.73 4.36 0.00	75.93 4.09 0.00	70.21 3.72 0.00	67.99 3.54 0.00	61.33 3.20 0.00	57.05 2.82 0.00	52.44 2.40 0.00
LOVETT___5 23593	51.44 2.31 0.00	49.55 2.13 0.00	45.55 1.88 0.00	43.87 1.73 0.00	43.22 1.70 0.00	45.90 1.85 0.00	55.84 2.66 0.00	60.92 2.96 0.00	58.89 3.07 0.00	55.47 3.14 0.00	54.28 3.12 0.00	51.67 3.06 0.00	49.49 2.93 0.00	49.61 2.94 0.00	52.82 3.04 0.00	57.91 3.17 0.00	70.14 3.53 0.00	83.73 4.36 0.00	75.93 4.09 0.00	70.21 3.72 0.00	67.99 3.54 0.00	61.33 3.20 0.00	57.05 2.82 0.00	52.44 2.40 0.00
LOWER RAQUET___HYD 24057	48.44 -0.69 0.00	46.99 -0.43 0.00	43.49 -0.17 0.00	41.76 -0.38 0.00	41.10 -0.42 0.00	43.17 -0.88 0.00	51.58 -1.59 0.00	56.17 -1.80 0.00	53.59 -2.23 0.00	50.29 -2.04 0.00	49.26 -1.89 0.00	46.81 -1.80 0.00	44.89 -1.67 0.00	45.03 -1.63 0.00	47.99 -1.79 0.00	52.54 -2.19 0.00	63.75 -2.86 0.00	75.95 -3.41 0.00	69.03 -2.80 0.00	64.35 -2.13 0.00	63.29 -1.16 0.00	56.97 -1.16 0.00	53.31 -0.92 0.00	49.19 -0.85 0.00
LOWER___HUDSON 24059	50.60 1.47 0.00	48.93 1.52 0.00	45.20 1.53 0.00	43.62 1.47 0.00	42.97 1.45 0.00	45.63 1.58 0.00	55.15 1.97 0.00	60.17 2.20 0.00	57.94 2.12 0.00	53.85 1.52 0.00	52.54 1.38 0.00	49.87 1.26 0.00	47.73 1.16 0.00	47.78 1.12 0.00	51.23 1.44 0.00	56.59 1.86 0.00	69.14 2.53 0.00	82.21 2.85 0.00	74.56 2.73 0.00	68.75 2.26 0.00	66.64 2.19 0.00	60.05 1.92 0.00	55.97 1.74 0.00	51.54 1.50 0.00
LOWVILLE_115KV_TB2 356335	48.98 -0.15 0.00	47.37 -0.05 0.00	43.54 -0.13 0.00	41.89 -0.25 0.00	41.06 -0.46 0.00	43.43 -0.62 0.00	52.22 -0.96 0.00	57.15 -0.81 0.00	54.81 -1.00 0.00	51.23 -1.10 0.00	49.98 -1.18 0.00	47.49 -1.12 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	48.69 -1.10 0.00	53.97 -0.77 0.00	66.41 -0.20 0.00	79.60 0.24 0.00	72.19 0.36 0.00	66.95 0.47 0.00	65.41 0.97 0.00	58.77 0.64 0.00	54.83 0.60 0.00	50.74 0.70 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	51.58 2.46 0.00	49.88 2.47 0.00	46.03 2.36 0.00	44.34 2.19 0.00	43.67 2.16 0.00	46.42 2.38 0.00	56.10 2.92 0.00	61.21 3.25 0.00	58.89 3.07 0.00	54.89 2.56 0.00	53.51 2.35 0.00	50.70 2.09 0.00	48.52 1.96 0.00	48.53 1.87 0.00	51.92 2.14 0.00	57.52 2.79 0.00	70.40 3.80 0.00	83.81 4.44 0.00	76.00 4.17 0.00	70.07 3.59 0.00	67.99 3.54 0.00	61.27 3.14 0.00	57.11 2.87 0.00	52.54 2.50 0.00

LUTHERNY_35_KV_BK2 355980	51.63 2.51 0.00	49.93 2.51 0.00	46.03 2.36 0.00	44.38 2.23 0.00	43.72 2.20 0.00	46.47 2.42 0.00	56.10 2.92 0.00	61.27 3.30 0.00	58.95 3.13 0.00	54.95 2.62 0.00	53.56 2.40 0.00	50.75 2.14 0.00	48.56 2.00 0.00	48.58 1.91 0.00	51.97 2.19 0.00	57.58 2.85 0.00	70.47 3.86 0.00	83.89 4.52 0.00	76.07 4.24 0.00	70.14 3.66 0.00	68.05 3.61 0.00	61.33 3.20 0.00	57.16 2.93 0.00	52.59 2.55 0.00
LWR___OSWEGATCHIE_HYD 23850	48.29 -0.84 0.00	46.80 -0.62 0.00	43.14 -0.52 0.00	41.51 -0.63 0.00	40.77 -0.75 0.00	42.95 -1.10 0.00	51.32 -1.86 0.00	55.99 -1.97 0.00	53.59 -2.23 0.00	50.18 -2.15 0.00	49.16 -2.00 0.00	46.71 -1.90 0.00	44.79 -1.77 0.00	44.89 -1.77 0.00	47.89 -1.89 0.00	52.76 -1.97 0.00	64.21 -2.40 0.00	76.82 -2.54 0.00	69.75 -2.08 0.00	64.82 -1.66 0.00	63.80 -0.64 0.00	57.38 -0.76 0.00	53.58 -0.65 0.00	49.84 -0.20 0.00
LYONS_FALL_HYD 23570	49.37 0.25 0.00	47.70 0.29 0.00	43.84 0.18 0.00	42.27 0.13 0.00	41.52 0.00 0.00	43.96 -0.09 0.00	52.97 -0.21 0.00	57.91 -0.06 0.00	55.65 -0.17 0.00	52.02 -0.31 0.00	50.74 -0.41 0.00	48.22 -0.39 0.00	46.19 -0.37 0.00	46.29 -0.37 0.00	49.38 -0.40 0.00	54.62 -0.11 0.00	67.01 0.40 0.00	80.24 0.87 0.00	72.70 0.87 0.00	67.35 0.86 0.00	65.61 1.16 0.00	59.01 0.87 0.00	54.99 0.76 0.00	50.74 0.70 0.00
MADISON___COUNTY_LFGE 323628	50.11 0.98 0.00	48.36 0.95 0.00	44.50 0.83 0.00	42.99 0.84 0.00	42.30 0.79 0.00	44.88 0.84 0.00	54.19 1.01 0.00	59.18 1.22 0.00	56.82 1.00 0.00	53.22 0.89 0.00	51.87 0.72 0.00	49.24 0.63 0.00	47.17 0.61 0.00	47.32 0.65 0.00	50.43 0.65 0.00	55.66 0.93 0.00	68.01 1.40 0.00	81.19 1.83 0.00	73.41 1.58 0.00	67.95 1.46 0.00	65.93 1.48 0.00	59.35 1.22 0.00	55.37 1.14 0.00	51.14 1.10 0.00
MALONE___115KV_TB1 356076	48.69 -0.44 0.00	47.22 -0.19 0.00	43.80 0.13 0.00	42.06 -0.08 0.00	41.47 -0.04 0.00	43.69 -0.35 0.00	52.54 -0.64 0.00	57.15 -0.81 0.00	54.54 -1.28 0.00	51.28 -1.05 0.00	50.29 -0.87 0.00	47.73 -0.87 0.00	45.77 -0.79 0.00	45.87 -0.79 0.00	48.94 -0.85 0.00	53.36 -1.37 0.00	64.88 -1.73 0.00	77.46 -1.90 0.00	70.40 -1.44 0.00	65.69 -0.80 0.00	64.32 -0.13 0.00	57.73 -0.41 0.00	53.74 -0.49 0.00	50.09 0.05 0.00
MAPLEWOD_115KV_TB3 80458	50.41 1.28 0.00	48.69 1.28 0.00	44.98 1.31 0.00	43.41 1.26 0.00	42.76 1.25 0.00	45.37 1.32 0.00	54.77 1.60 0.00	59.70 1.74 0.00	57.55 1.73 0.00	53.69 1.36 0.00	52.38 1.23 0.00	49.73 1.12 0.00	47.63 1.07 0.00	47.69 1.03 0.00	51.03 1.24 0.00	56.32 1.59 0.00	68.74 2.13 0.00	81.74 2.38 0.00	74.13 2.30 0.00	68.41 1.93 0.00	66.31 1.87 0.00	59.76 1.63 0.00	55.70 1.46 0.00	51.29 1.25 0.00
MAPLE_RIDGE_WT_1 323574	48.49 -0.64 0.00	46.94 -0.47 0.00	43.32 -0.35 0.00	41.76 -0.38 0.00	41.10 -0.42 0.00	43.52 -0.53 0.00	52.54 -0.64 0.00	57.27 -0.69 0.00	54.98 -0.84 0.00	51.60 -0.73 0.00	50.44 -0.72 0.00	47.88 -0.73 0.00	45.81 -0.75 0.00	45.92 -0.75 0.00	49.04 -0.75 0.00	53.85 -0.88 0.00	65.61 -1.00 0.00	78.25 -1.11 0.00	70.90 -0.94 0.00	65.82 -0.66 0.00	64.00 -0.45 0.00	57.61 -0.52 0.00	53.69 -0.54 0.00	49.49 -0.55 0.00
MAPLE_RIDGE_WT_2 323611	48.49 -0.64 0.00	46.94 -0.47 0.00	43.32 -0.35 0.00	41.76 -0.38 0.00	41.10 -0.42 0.00	43.52 -0.53 0.00	52.54 -0.64 0.00	57.27 -0.69 0.00	54.98 -0.84 0.00	51.60 -0.73 0.00	50.44 -0.72 0.00	47.88 -0.73 0.00	45.81 -0.75 0.00	45.92 -0.75 0.00	49.04 -0.75 0.00	53.85 -0.88 0.00	65.61 -1.00 0.00	78.25 -1.11 0.00	70.90 -0.94 0.00	65.82 -0.66 0.00	64.00 -0.45 0.00	57.61 -0.52 0.00	53.69 -0.54 0.00	49.49 -0.55 0.00
MARBLE_RIVER_WT_PWR 323696	48.09 -1.03 0.00	46.65 -0.76 0.00	43.27 -0.39 0.00	41.60 -0.55 0.00	40.97 -0.54 0.00	43.21 -0.84 0.00	52.06 -1.12 0.00	56.57 -1.39 0.00	54.09 -1.73 0.00	50.81 -1.52 0.00	49.78 -1.38 0.00	47.25 -1.36 0.00	45.26 -1.30 0.00	45.31 -1.35 0.00	48.34 -1.45 0.00	52.82 -1.92 0.00	64.21 -2.40 0.00	76.66 -2.70 0.00	69.68 -2.15 0.00	64.96 -1.53 0.00	63.54 -0.90 0.00	57.09 -1.04 0.00	53.15 -1.08 0.00	48.89 -1.15 0.00
MARSHVLE_115KV_TB1 80742	50.21 1.08 0.00	48.50 1.09 0.00	44.63 0.96 0.00	43.03 0.89 0.00	42.35 0.83 0.00	45.06 1.01 0.00	54.56 1.38 0.00	59.53 1.57 0.00	56.43 0.61 0.00	52.12 -0.21 0.00	50.59 -0.56 0.00	47.98 -0.63 0.00	45.91 -0.65 0.00	46.11 -0.56 0.00	49.43 -0.35 0.00	55.39 0.66 0.00	68.34 1.73 0.00	81.82 2.46 0.00	74.35 2.51 0.00	68.55 2.06 0.00	66.44 2.00 0.00	59.99 1.86 0.00	55.81 1.57 0.00	51.24 1.20 0.00
MARSH_HILL_WT_PWR 323713	50.01 0.89 0.00	48.03 0.61 0.00	44.10 0.44 0.00	42.69 0.55 0.00	42.02 0.50 0.00	44.93 0.88 0.00	53.39 0.21 0.00	57.85 -0.12 0.00	55.15 -0.67 0.00	52.02 -0.31 0.00	51.16 0.00 0.00	48.46 -0.15 0.00	46.33 -0.23 0.00	46.67 0.00 0.00	49.44 -0.35 0.00	53.97 -0.77 0.00	65.61 -1.00 0.00	78.65 -0.72 0.00	70.97 -0.86 0.00	65.75 -0.73 0.00	63.86 -0.58 0.00	57.79 -0.35 0.00	54.29 0.05 0.00	50.74 0.70 0.00
MCINTYRE_115KV_TB2 80467	49.37 0.25 0.00	47.93 0.52 0.00	44.37 0.70 0.00	42.61 0.46 0.00	41.93 0.42 0.00	44.09 0.04 0.00	52.97 -0.21 0.00	57.62 -0.35 0.00	54.76 -1.06 0.00	51.23 -1.10 0.00	50.03 -1.13 0.00	47.49 -1.12 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	48.69 -1.10 0.00	53.36 -1.37 0.00	65.14 -1.47 0.00	78.01 -1.35 0.00	71.04 -0.79 0.00	66.22 -0.27 0.00	65.03 0.58 0.00	58.37 0.23 0.00	54.45 0.22 0.00	50.84 0.80 0.00
MECO_____69_KV_BK1 80468	51.58 2.46 0.00	49.83 2.42 0.00	45.85 2.18 0.00	44.17 2.02 0.00	43.47 1.95 0.00	46.29 2.25 0.00	56.05 2.87 0.00	61.15 3.19 0.00	57.88 2.07 0.00	53.32 0.99 0.00	51.62 0.46 0.00	48.95 0.34 0.00	46.79 0.23 0.00	46.99 0.33 0.00	50.48 0.70 0.00	56.70 1.97 0.00	70.20 3.60 0.00	84.12 4.76 0.00	76.50 4.67 0.00	70.47 3.99 0.00	68.38 3.93 0.00	61.62 3.49 0.00	57.27 3.04 0.00	52.59 2.55 0.00
MENANDS___115KV_TB5 355628	50.16 1.03 0.00	48.46 1.04 0.00	44.80 1.14 0.00	43.20 1.05 0.00	42.59 1.08 0.00	45.15 1.10 0.00	54.51 1.33 0.00	59.41 1.45 0.00	57.27 1.45 0.00	53.48 1.15 0.00	52.13 0.97 0.00	49.53 0.92 0.00	47.45 0.88 0.00	47.51 0.84 0.00	50.88 1.10 0.00	56.05 1.31 0.00	68.41 1.80 0.00	81.27 1.90 0.00	73.70 1.87 0.00	68.01 1.53 0.00	65.93 1.48 0.00	59.41 1.28 0.00	55.37 1.14 0.00	51.04 1.00 0.00
MG INDUSTRY___DRP 24185	50.55 1.42 0.00	48.84 1.42 0.00	45.07 1.40 0.00	43.49 1.35 0.00	42.84 1.33 0.00	45.46 1.41 0.00	54.83 1.65 0.00	59.76 1.80 0.00	57.49 1.67 0.00	53.64 1.31 0.00	52.28 1.13 0.00	49.58 0.97 0.00	47.49 0.93 0.00	47.60 0.93 0.00	50.93 1.14 0.00	56.21 1.48 0.00	68.67 2.06 0.00	81.50 2.14 0.00	73.92 2.08 0.00	68.28 1.80 0.00	66.19 1.74 0.00	59.70 1.57 0.00	55.64 1.41 0.00	51.29 1.25 0.00

MID___OSWEGATCHIE_HYD 23849	48.29 -0.84 0.00	46.80 -0.62 0.00	43.14 -0.52 0.00	41.51 -0.63 0.00	40.77 -0.75 0.00	42.95 -1.10 0.00	51.32 -1.86 0.00	55.99 -1.97 0.00	53.59 -2.23 0.00	50.18 -2.15 0.00	49.16 -2.00 0.00	46.71 -1.90 0.00	44.79 -1.77 0.00	44.89 -1.77 0.00	47.89 -1.89 0.00	52.76 -1.97 0.00	64.21 -2.40 0.00	76.82 -2.54 0.00	69.75 -2.08 0.00	64.82 -1.66 0.00	63.80 -0.64 0.00	57.38 -0.76 0.00	53.58 -0.65 0.00	49.84 -0.20 0.00
MID___RAQUETTE_HYD 23851	48.44 -0.69 0.00	46.99 -0.43 0.00	43.49 -0.17 0.00	41.77 -0.38 0.00	41.10 -0.42 0.00	43.17 -0.88 0.00	51.64 -1.54 0.00	56.17 -1.80 0.00	53.59 -2.23 0.00	50.29 -2.04 0.00	49.26 -1.89 0.00	46.81 -1.80 0.00	44.88 -1.68 0.00	45.03 -1.63 0.00	47.99 -1.79 0.00	52.54 -2.19 0.00	63.74 -2.86 0.00	75.95 -3.41 0.00	69.03 -2.80 0.00	64.36 -2.13 0.00	63.29 -1.16 0.00	56.97 -1.16 0.00	53.31 -0.92 0.00	49.84 -0.20 0.00
MILLIKEN___1 23584	49.82 0.69 0.00	47.93 0.52 0.00	44.06 0.39 0.00	42.61 0.46 0.00	41.97 0.46 0.00	44.62 0.57 0.00	53.76 0.58 0.00	58.54 0.58 0.00	56.21 0.39 0.00	52.75 0.42 0.00	51.51 0.36 0.00	48.90 0.29 0.00	46.84 0.28 0.00	46.99 0.33 0.00	50.03 0.25 0.00	55.06 0.33 0.00	67.21 0.60 0.00	80.24 0.87 0.00	72.55 0.72 0.00	67.15 0.66 0.00	65.09 0.64 0.00	58.71 0.58 0.00	54.83 0.60 0.00	50.74 0.70 0.00
MILLIKEN___2 23585	49.82 0.69 0.00	47.93 0.52 0.00	44.06 0.39 0.00	42.61 0.46 0.00	41.97 0.46 0.00	44.62 0.57 0.00	53.76 0.58 0.00	58.54 0.58 0.00	56.21 0.39 0.00	52.75 0.42 0.00	51.51 0.36 0.00	48.90 0.29 0.00	46.84 0.28 0.00	46.99 0.33 0.00	50.03 0.25 0.00	55.06 0.33 0.00	67.21 0.60 0.00	80.24 0.87 0.00	72.55 0.72 0.00	67.15 0.66 0.00	65.09 0.64 0.00	58.71 0.58 0.00	54.83 0.60 0.00	50.74 0.70 0.00
MILLIKEN___DIESEL 23629	49.82 0.69 0.00	47.93 0.52 0.00	44.06 0.39 0.00	42.61 0.46 0.00	41.97 0.46 0.00	44.62 0.57 0.00	53.76 0.58 0.00	58.54 0.58 0.00	56.21 0.39 0.00	52.75 0.42 0.00	51.51 0.36 0.00	48.90 0.29 0.00	46.84 0.28 0.00	46.99 0.33 0.00	50.03 0.25 0.00	55.06 0.33 0.00	67.21 0.60 0.00	80.24 0.87 0.00	72.55 0.72 0.00	67.15 0.66 0.00	65.09 0.64 0.00	58.71 0.58 0.00	54.83 0.60 0.00	50.74 0.70 0.00
MILLSEAT___LFGE 323607	49.72 0.59 0.00	47.13 -0.28 0.00	43.62 -0.04 0.00	42.23 0.08 0.00	41.56 0.04 0.00	44.58 0.53 0.00	52.17 -1.01 0.00	56.11 -1.86 0.00	53.70 -2.12 0.00	50.86 -1.46 0.00	50.33 -0.82 0.00	47.78 -0.83 0.00	45.58 -0.98 0.00	45.78 -0.89 0.00	48.49 -1.29 0.00	52.76 -1.97 0.00	63.81 -2.79 0.00	76.82 -2.54 0.00	68.75 -3.09 0.00	63.63 -2.86 0.00	61.74 -2.70 0.00	55.98 -2.15 0.00	52.99 -1.25 0.00	49.84 -0.20 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.54 2.41 0.00	49.64 2.23 0.00	45.68 2.01 0.00	44.00 1.85 0.00	43.30 1.79 0.00	45.98 1.94 0.00	55.94 2.77 0.00	61.04 3.07 0.00	59.06 3.24 0.00	55.57 3.24 0.00	54.38 3.22 0.00	51.77 3.16 0.00	49.59 3.03 0.00	49.70 3.03 0.00	52.97 3.19 0.00	58.07 3.34 0.00	70.27 3.66 0.00	83.89 4.52 0.00	76.07 4.24 0.00	70.41 3.92 0.00	68.18 3.74 0.00	61.45 3.31 0.00	57.16 2.93 0.00	52.54 2.50 0.00
MILLWOOD_13_KV_LOAD 356217	51.68 2.55 0.00	49.78 2.37 0.00	45.81 2.14 0.00	44.08 1.94 0.00	43.43 1.91 0.00	46.12 2.07 0.00	56.10 2.92 0.00	61.21 3.25 0.00	59.22 3.40 0.00	55.73 3.40 0.00	54.48 3.33 0.00	51.91 3.31 0.00	49.73 3.17 0.00	49.84 3.17 0.00	53.12 3.34 0.00	58.24 3.50 0.00	70.47 3.86 0.00	84.12 4.76 0.00	76.36 4.53 0.00	70.61 4.12 0.00	68.38 3.93 0.00	61.68 3.55 0.00	57.32 3.09 0.00	52.69 2.65 0.00
MODEL_CITY_ENERGY 24167	48.88 -0.24 0.00	46.09 -1.33 0.00	42.88 -0.78 0.00	41.51 -0.63 0.00	40.85 -0.67 0.00	43.83 -0.22 0.00	51.00 -2.18 0.00	54.60 -3.36 0.00	52.19 -3.63 0.00	49.61 -2.72 0.00	49.16 -2.00 0.00	46.66 -1.95 0.00	44.51 -2.05 0.00	44.75 -1.92 0.00	47.34 -2.44 0.00	51.45 -3.28 0.00	61.88 -4.73 0.00	74.36 -5.00 0.00	66.52 -5.31 0.00	61.43 -5.06 0.00	59.74 -4.70 0.00	54.24 -3.89 0.00	51.52 -2.71 0.00	48.79 -1.25 0.00
MODERN_LFGE___ 323580	48.88 -0.24 0.00	46.09 -1.33 0.00	42.88 -0.78 0.00	41.51 -0.63 0.00	40.85 -0.67 0.00	43.83 -0.22 0.00	51.00 -2.18 0.00	54.60 -3.36 0.00	52.19 -3.63 0.00	49.61 -2.72 0.00	49.16 -2.00 0.00	46.66 -1.95 0.00	44.51 -2.05 0.00	44.75 -1.92 0.00	47.34 -2.44 0.00	51.45 -3.28 0.00	61.88 -4.73 0.00	74.36 -5.00 0.00	66.52 -5.31 0.00	61.43 -5.06 0.00	59.74 -4.70 0.00	54.24 -3.89 0.00	51.52 -2.71 0.00	48.79 -1.25 0.00
MOHAWK_PAPER___DRP 24187	50.41 1.28 0.00	48.69 1.28 0.00	44.98 1.31 0.00	43.41 1.26 0.00	42.76 1.25 0.00	45.37 1.32 0.00	54.77 1.60 0.00	59.70 1.74 0.00	57.55 1.73 0.00	53.69 1.36 0.00	52.38 1.23 0.00	49.73 1.12 0.00	47.63 1.07 0.00	47.69 1.03 0.00	51.03 1.24 0.00	56.32 1.59 0.00	68.74 2.13 0.00	81.74 2.38 0.00	74.13 2.30 0.00	68.41 1.93 0.00	66.31 1.87 0.00	59.76 1.63 0.00	55.70 1.46 0.00	51.29 1.25 0.00
MOHICAN___35_KV_115KV_LD 80490	52.42 3.29 0.00	50.68 3.27 0.00	46.72 3.06 0.00	45.05 2.91 0.00	44.34 2.82 0.00	47.17 3.13 0.00	57.01 3.83 0.00	62.31 4.35 0.00	59.89 4.07 0.00	55.89 3.56 0.00	54.43 3.27 0.00	51.48 2.87 0.00	49.21 2.65 0.00	49.09 2.43 0.00	52.52 2.74 0.00	58.29 3.56 0.00	71.54 4.93 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.27 4.79 0.00	69.28 4.83 0.00	62.38 4.24 0.00	58.14 3.90 0.00	53.44 3.40 0.00
MONGAUP___HYD 23641	51.63 2.50 0.00	49.74 2.32 0.00	45.72 2.05 0.00	44.04 1.90 0.00	43.39 1.87 0.00	46.12 2.07 0.00	55.94 2.76 0.00	61.09 3.13 0.00	58.89 3.07 0.00	55.10 2.77 0.00	53.66 2.51 0.00	50.89 2.29 0.00	48.84 2.28 0.00	48.95 2.29 0.00	52.27 2.49 0.00	57.52 2.79 0.00	70.13 3.53 0.00	83.88 4.52 0.00	76.07 4.24 0.00	70.47 3.99 0.00	68.18 3.74 0.00	61.56 3.43 0.00	57.32 3.09 0.00	52.74 2.70 0.00
MONTAUK___DIESEL 23721	54.14 5.01 0.00	51.82 4.41 0.00	47.86 4.19 0.00	46.23 4.09 0.00	45.50 3.99 0.00	48.41 4.36 0.00	58.23 5.05 0.00	61.67 3.71 0.00	60.01 4.19 0.00	57.88 5.55 -0.01	56.69 5.52 -0.01	54.01 5.40 -0.01	51.64 5.08 -0.01	51.85 5.18 -0.01	55.51 5.72 -0.01	60.82 6.08 -0.01	72.80 6.19 0.00	86.50 7.14 0.00	78.73 6.90 0.00	72.53 6.05 0.00	68.89 4.45 0.00	62.09 3.95 0.00	58.14 3.90 0.00	54.44 4.40 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	50.41 1.28 0.00	48.31 0.90 0.00	44.28 0.61 0.00	42.86 0.72 0.00	42.18 0.66 0.00	45.28 1.23 0.00	53.50 0.32 0.00	58.08 0.12 0.00	55.37 -0.45 0.00	52.43 0.10 0.00	52.18 1.02 0.00	49.43 0.83 0.00	47.12 0.56 0.00	47.41 0.75 0.00	49.93 0.15 0.00	54.24 -0.49 0.00	65.61 -1.00 0.00	78.97 -0.40 0.00	70.47 -1.36 0.00	64.96 -1.53 0.00	63.03 -1.42 0.00	57.03 -1.10 0.00	53.91 -0.33 0.00	50.39 0.35 0.00

MORRIS_RIDGE___SOLAR 323848	49.47 0.35 0.00	47.41 0.00 0.00	43.58 -0.09 0.00	42.14 0.00 0.00	41.47 -0.04 0.00	44.40 0.35 0.00	52.65 -0.53 0.00	56.98 -0.99 0.00	54.31 -1.50 0.00	51.28 -1.05 0.00	50.54 -0.61 0.00	47.97 -0.63 0.00	45.86 -0.70 0.00	46.20 -0.47 0.00	48.89 -0.89 0.00	53.31 -1.42 0.00	64.61 -2.00 0.00	77.46 -1.91 0.00	69.75 -2.09 0.00	64.49 -1.99 0.00	62.64 -1.80 0.00	56.74 -1.40 0.00	53.42 -0.81 0.00	49.99 -0.05 0.00
MORTIMER_115KV_TB3 55949	48.93 -0.20 0.00	46.94 -0.47 0.00	43.06 -0.61 0.00	41.68 -0.46 0.00	41.02 -0.50 0.00	43.83 -0.22 0.00	52.06 -1.12 0.00	56.46 -1.51 0.00	54.20 -1.62 0.00	51.13 -1.20 0.00	50.49 -0.67 0.00	47.98 -0.63 0.00	45.86 -0.70 0.00	46.01 -0.65 0.00	48.89 -0.90 0.00	53.31 -1.42 0.00	64.68 -1.93 0.00	77.54 -1.83 0.00	69.61 -2.23 0.00	64.42 -2.06 0.00	62.45 -2.00 0.00	56.51 -1.63 0.00	53.20 -1.03 0.00	49.44 -0.60 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.88 2.75 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.21 2.07 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.26 3.08 0.00	61.38 3.42 0.00	59.45 3.63 0.00	55.99 3.66 0.00	54.74 3.58 0.00	52.21 3.60 0.00	50.01 3.45 0.00	50.07 3.41 0.00	53.37 3.58 0.00	58.51 3.78 0.00	70.74 4.13 0.00	84.44 5.08 0.00	76.57 4.74 0.00	70.87 4.39 0.00	68.63 4.19 0.00	61.91 3.78 0.00	57.60 3.36 0.00	52.89 2.85 0.00
MUNSVILLE_WIND_PWR 323609	52.52 3.39 0.00	50.64 3.23 0.00	46.50 2.84 0.00	44.97 2.82 0.00	44.17 2.66 0.00	46.91 2.86 0.00	56.74 3.56 0.00	62.19 4.23 0.00	59.50 3.68 0.00	55.57 3.25 0.00	53.76 2.61 0.00	50.94 2.33 0.00	48.75 2.19 0.00	48.91 2.24 0.00	51.97 2.19 0.00	57.80 3.06 0.00	71.07 4.46 0.00	85.56 6.19 0.00	77.36 5.53 0.00	71.53 5.05 0.00	69.48 5.03 0.00	62.26 4.13 0.00	58.14 3.91 0.00	53.84 3.80 0.00
N SALMON___HYD 24042	48.69 -0.44 0.00	47.22 -0.19 0.00	43.80 0.13 0.00	42.06 -0.08 0.00	41.47 -0.04 0.00	43.69 -0.35 0.00	52.54 -0.64 0.00	57.15 -0.81 0.00	54.54 -1.28 0.00	51.28 -1.05 0.00	50.29 -0.87 0.00	47.73 -0.87 0.00	45.77 -0.79 0.00	45.87 -0.79 0.00	48.93 -0.85 0.00	53.37 -1.37 0.00	64.88 -1.73 0.00	77.46 -1.91 0.00	70.40 -1.44 0.00	65.69 -0.79 0.00	64.32 -0.13 0.00	57.73 -0.40 0.00	53.74 -0.49 0.00	49.39 -0.65 0.00
N.AKRON__115KV_KNAPP 355671	49.67 0.54 0.00	47.08 -0.33 0.00	43.54 -0.13 0.00	42.19 0.04 0.00	41.52 0.00 0.00	44.53 0.48 0.00	52.01 -1.17 0.00	56.05 -1.91 0.00	53.59 -2.23 0.00	50.65 -1.67 0.00	50.29 -0.87 0.00	47.73 -0.87 0.00	45.49 -1.07 0.00	45.73 -0.93 0.00	48.44 -1.34 0.00	52.71 -2.03 0.00	63.68 -2.93 0.00	76.51 -2.86 0.00	68.60 -3.23 0.00	63.43 -3.06 0.00	61.55 -2.90 0.00	55.87 -2.27 0.00	52.88 -1.36 0.00	49.79 -0.25 0.00
N.E_GEN_SANDY PD 24062	50.36 1.23 0.00	48.74 1.33 0.00	45.11 1.44 0.00	43.53 1.39 0.00	42.93 1.41 0.00	45.59 1.54 0.00	55.09 1.91 0.00	60.11 2.15 0.00	57.89 2.07 0.00	53.58 1.25 0.00	52.18 1.02 0.00	49.58 0.97 0.00	47.49 0.93 0.00	47.55 0.88 0.00	51.07 1.29 0.00	56.48 1.75 0.00	69.00 2.39 0.00	81.83 2.46 0.00	74.20 2.37 0.00	68.48 1.99 0.00	66.25 1.80 0.00	59.70 1.57 0.00	55.64 1.41 0.00	51.24 1.20 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.49 2.36 0.00	49.59 2.18 0.00	45.63 1.97 0.00	43.91 1.77 0.00	43.26 1.74 0.00	45.98 1.94 0.00	55.89 2.71 0.00	60.98 3.01 0.00	59.00 3.18 0.00	55.57 3.24 0.00	54.33 3.17 0.00	51.72 3.11 0.00	49.59 3.03 0.00	49.65 2.99 0.00	52.92 3.14 0.00	57.96 3.23 0.00	70.27 3.66 0.00	83.81 4.44 0.00	76.00 4.17 0.00	70.34 3.86 0.00	68.12 3.67 0.00	61.45 3.31 0.00	57.11 2.87 0.00	52.54 2.50 0.00
N.QUEENS_27_KV_LOAD 356247	52.03 2.90 0.00	50.02 2.61 0.00	45.98 2.31 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.37 3.19 0.00	61.44 3.48 0.00	59.62 3.80 0.00	56.20 3.87 0.00	54.94 3.79 0.00	52.50 3.89 0.00	50.38 3.82 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.84 4.10 0.00	70.74 4.13 0.00	84.52 5.16 0.00	76.65 4.81 0.00	70.94 4.45 0.00	68.83 4.38 0.00	62.03 3.89 0.00	57.81 3.58 0.00	53.04 3.00 0.00
N.TROY___115KV_TB1 355778	50.60 1.47 0.00	48.93 1.52 0.00	45.20 1.53 0.00	43.62 1.48 0.00	42.97 1.45 0.00	45.63 1.59 0.00	55.15 1.97 0.00	60.17 2.20 0.00	57.94 2.12 0.00	53.90 1.57 0.00	52.54 1.38 0.00	49.87 1.26 0.00	47.73 1.16 0.00	47.79 1.12 0.00	51.23 1.44 0.00	56.59 1.86 0.00	69.14 2.53 0.00	82.22 2.86 0.00	74.56 2.73 0.00	68.75 2.26 0.00	66.64 2.19 0.00	60.05 1.92 0.00	55.97 1.74 0.00	51.49 1.45 0.00
NARROWS_GT1_1 24228	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT1_2 24229	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT1_3 24230	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT1_4 24231	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT1_5 24232	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01

NARROWS_GT1_6 24233	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT1_7 24234	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT1_8 24235	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT2_1 24236	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT2_2 24237	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT2_3 24238	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT2_4 24239	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT2_5 24240	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT2_6 24241	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT2_7 24242	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NARROWS_GT2_8 24243	52.57 3.44 -0.01	50.55 3.13 -0.01	46.42 2.75 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.80 3.62 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.52 4.19 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.96 0.00	53.96 4.18 0.00	59.16 4.43 0.00	71.34 4.73 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.48 5.03 -0.01	62.67 4.54 0.00	58.36 4.12 -0.01	53.65 3.60 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.73 2.60 0.00	49.93 2.51 0.00	46.03 2.36 0.00	44.34 2.19 0.00	43.72 2.20 0.00	46.42 2.38 0.00	56.10 2.92 0.00	61.27 3.30 0.00	58.89 3.07 0.00	54.68 2.35 0.00	52.95 1.79 0.00	49.87 1.26 0.00	47.86 1.30 0.00	47.93 1.26 0.00	51.37 1.59 0.00	57.03 2.30 0.00	70.20 3.60 0.00	82.77 3.41 0.00	75.14 3.30 0.00	69.34 2.86 0.00	67.09 2.64 0.00	60.58 2.44 0.00	56.46 2.22 0.00	51.99 1.95 0.00
NCHELSEA_115KV_TR2 355582	51.78 2.65 0.00	49.93 2.51 0.00	45.89 2.23 0.00	44.17 2.02 0.00	43.51 1.99 0.00	46.25 2.20 0.00	56.21 3.03 0.00	61.33 3.36 0.00	59.39 3.57 0.00	55.83 3.51 0.00	54.48 3.33 0.00	51.72 3.11 0.00	49.59 3.03 0.00	49.65 2.99 0.00	52.97 3.19 0.00	58.18 3.45 0.00	70.60 4.00 0.00	84.28 4.92 0.00	76.43 4.60 0.00	70.74 4.26 0.00	68.44 4.00 0.00	61.80 3.66 0.00	57.49 3.25 0.00	52.84 2.80 0.00
NEG CAPITAL___MECHNVIL 23645	51.58 2.46 0.00	49.88 2.46 0.00	45.98 2.31 0.00	44.33 2.19 0.00	43.67 2.16 0.00	46.42 2.38 0.00	56.10 2.92 0.00	61.27 3.30 0.00	58.94 3.12 0.00	54.89 2.56 0.00	53.56 2.40 0.00	50.74 2.14 0.00	48.56 2.00 0.00	48.58 1.91 0.00	51.97 2.19 0.00	57.58 2.84 0.00	70.47 3.86 0.00	83.88 4.52 0.00	76.07 4.24 0.00	70.14 3.65 0.00	67.99 3.54 0.00	61.27 3.14 0.00	57.11 2.87 0.00	52.59 2.55 0.00
NEG CENTRAL_HIGH_ACRES 23767	47.80 -1.32 0.00	45.89 -1.52 0.00	42.14 -1.53 0.00	40.75 -1.39 0.00	40.15 -1.37 0.00	42.81 -1.23 0.00	51.10 -2.07 0.00	55.47 -2.49 0.00	53.31 -2.51 0.00	50.34 -1.99 0.00	49.52 -1.64 0.00	47.05 -1.56 0.00	44.98 -1.58 0.00	45.08 -1.59 0.00	47.94 -1.84 0.00	52.54 -2.19 0.00	63.87 -2.73 0.00	76.43 -2.93 0.00	68.60 -3.23 0.00	63.56 -2.92 0.00	61.61 -2.83 0.00	55.64 -2.50 0.00	52.28 -1.95 0.00	48.54 -1.50 0.00



NEG CENTRAL___DRP 24199	48.78 -0.34 0.00	46.94 -0.47 0.00	43.10 -0.57 0.00	41.68 -0.46 0.00	41.10 -0.42 0.00	43.74 -0.31 0.00	52.49 -0.69 0.00	57.09 -0.87 0.00	54.93 -0.89 0.00	51.60 -0.73 0.00	50.64 -0.51 0.00	48.07 -0.53 0.00	46.00 -0.56 0.00	46.15 -0.51 0.00	49.13 -0.65 0.00	53.91 -0.82 0.00	65.67 -0.93 0.00	78.41 -0.95 0.00	70.76 -1.08 0.00	65.49 -1.00 0.00	63.48 -0.97 0.00	57.26 -0.87 0.00	53.64 -0.60 0.00	49.59 -0.45 0.00
NEG CENTRAL___INDECK 23768	50.75 1.62 0.00	48.60 1.19 0.00	44.63 0.96 0.00	43.20 1.05 0.00	42.55 1.04 0.00	45.54 1.50 0.00	54.14 0.96 0.00	58.66 0.70 0.00	56.04 0.22 0.00	52.64 0.32 0.00	51.61 0.46 0.00	48.90 0.29 0.00	46.79 0.23 0.00	46.99 0.33 0.00	49.88 0.10 0.00	54.57 -0.16 0.00	66.67 0.07 0.00	80.39 1.03 0.00	72.40 0.57 0.00	67.08 0.60 0.00	65.09 0.64 0.00	58.77 0.64 0.00	55.26 1.03 0.00	51.39 1.35 0.00
NEG CENTRAL___SENECA 23627	48.83 -0.29 0.00	46.94 -0.47 0.00	43.10 -0.57 0.00	41.68 -0.46 0.00	41.06 -0.46 0.00	43.74 -0.31 0.00	52.38 -0.80 0.00	56.98 -0.99 0.00	54.76 -1.06 0.00	51.49 -0.84 0.00	50.59 -0.56 0.00	48.07 -0.53 0.00	46.00 -0.56 0.00	46.15 -0.51 0.00	49.08 -0.70 0.00	53.80 -0.93 0.00	65.54 -1.07 0.00	78.33 -1.03 0.00	70.54 -1.29 0.00	65.29 -1.20 0.00	63.29 -1.16 0.00	57.15 -0.99 0.00	53.58 -0.65 0.00	49.59 -0.45 0.00
NEG CENTRAL___STATE_STREET 24147	48.93 -0.20 0.00	47.13 -0.28 0.00	43.32 -0.35 0.00	41.85 -0.30 0.00	41.27 -0.25 0.00	43.87 -0.18 0.00	52.81 -0.37 0.00	57.50 -0.46 0.00	55.26 -0.56 0.00	51.91 -0.42 0.00	50.85 -0.31 0.00	48.22 -0.39 0.00	46.24 -0.33 0.00	46.34 -0.33 0.00	49.38 -0.40 0.00	54.24 -0.49 0.00	66.14 -0.47 0.00	79.04 -0.32 0.00	71.40 -0.43 0.00	66.09 -0.40 0.00	64.06 -0.39 0.00	57.73 -0.41 0.00	53.96 -0.27 0.00	49.84 -0.20 0.00
NEG MILLWOOD___DRP 24198	52.03 2.90 0.00	50.16 2.75 0.00	46.16 2.49 0.00	44.38 2.23 0.00	43.72 2.20 0.00	46.42 2.38 0.00	56.48 3.30 0.00	61.67 3.71 0.00	59.67 3.85 0.00	56.10 3.77 0.00	54.84 3.68 0.00	52.16 3.55 0.00	49.96 3.40 0.00	50.07 3.41 0.00	53.37 3.58 0.00	58.56 3.83 0.00	71.00 4.40 0.00	84.76 5.40 0.00	76.93 5.10 0.00	71.21 4.72 0.00	68.89 4.45 0.00	62.14 4.01 0.00	57.76 3.53 0.00	53.09 3.05 0.00
NEG NORTH_FLCN_SEA 23793	48.39 -0.74 0.00	46.99 -0.43 0.00	43.54 -0.13 0.00	41.85 -0.30 0.00	41.27 -0.25 0.00	43.52 -0.53 0.00	52.38 -0.80 0.00	56.98 -0.99 0.00	54.42 -1.40 0.00	51.13 -1.20 0.00	50.13 -1.02 0.00	47.59 -1.02 0.00	45.58 -0.98 0.00	45.64 -1.03 0.00	48.69 -1.10 0.00	53.15 -1.59 0.00	64.68 -1.93 0.00	77.22 -2.14 0.00	70.25 -1.58 0.00	65.55 -0.93 0.00	64.06 -0.39 0.00	57.55 -0.58 0.00	53.58 -0.65 0.00	49.89 -0.15 0.00
NEG NORTH_KES_CHATEGAY 23792	48.15 -0.98 0.00	46.75 -0.66 0.00	43.36 -0.31 0.00	41.68 -0.46 0.00	41.06 -0.46 0.00	43.34 -0.70 0.00	52.17 -1.01 0.00	56.69 -1.28 0.00	54.14 -1.67 0.00	50.86 -1.47 0.00	49.83 -1.33 0.00	47.25 -1.36 0.00	45.26 -1.30 0.00	45.31 -1.35 0.00	48.39 -1.39 0.00	52.82 -1.92 0.00	64.34 -2.26 0.00	76.82 -2.54 0.00	69.89 -1.94 0.00	65.15 -1.33 0.00	63.67 -0.77 0.00	57.20 -0.93 0.00	53.26 -0.98 0.00	49.59 -0.45 0.00
NEG NORTH___ALICE_FALLS 23915	48.54 -0.59 0.00	47.13 -0.28 0.00	43.71 0.04 0.00	41.98 -0.17 0.00	41.39 -0.12 0.00	43.65 -0.40 0.00	52.59 -0.58 0.00	57.15 -0.81 0.00	54.54 -1.28 0.00	51.23 -1.10 0.00	50.23 -0.92 0.00	47.68 -0.92 0.00	45.68 -0.88 0.00	45.78 -0.89 0.00	48.84 -0.95 0.00	53.31 -1.42 0.00	64.88 -1.73 0.00	77.46 -1.90 0.00	70.54 -1.29 0.00	65.75 -0.73 0.00	64.32 -0.13 0.00	57.73 -0.41 0.00	53.69 -0.54 0.00	50.04 0.00 0.00
NEG NORTH___LWR_SARANAC 23913	48.54 -0.59 0.00	47.13 -0.28 0.00	43.71 0.04 0.00	41.98 -0.17 0.00	41.39 -0.12 0.00	43.65 -0.40 0.00	52.59 -0.58 0.00	57.15 -0.81 0.00	54.54 -1.28 0.00	51.23 -1.10 0.00	50.23 -0.92 0.00	47.68 -0.92 0.00	45.68 -0.88 0.00	45.78 -0.89 0.00	48.84 -0.95 0.00	53.31 -1.42 0.00	64.88 -1.73 0.00	77.46 -1.90 0.00	70.54 -1.29 0.00	65.75 -0.73 0.00	64.32 -0.13 0.00	57.73 -0.41 0.00	53.69 -0.54 0.00	50.04 0.00 0.00
NEG NORTH___PLATTSBURG 23628	48.54 -0.59 0.00	47.13 -0.28 0.00	43.71 0.04 0.00	41.98 -0.17 0.00	41.39 -0.12 0.00	43.65 -0.40 0.00	52.59 -0.58 0.00	57.15 -0.81 0.00	54.54 -1.28 0.00	51.23 -1.10 0.00	50.24 -0.92 0.00	47.68 -0.93 0.00	45.67 -0.89 0.00	45.78 -0.89 0.00	48.83 -0.95 0.00	53.31 -1.42 0.00	64.88 -1.73 0.00	77.46 -1.91 0.00	70.54 -1.29 0.00	65.75 -0.73 0.00	64.32 -0.13 0.00	57.73 -0.40 0.00	53.69 -0.54 0.00	49.34 -0.70 0.00
NEG WEST_LEA_LOCKPORT 23791	49.03 -0.10 0.00	46.56 -0.85 0.00	43.01 -0.66 0.00	41.68 -0.46 0.00	41.02 -0.50 0.00	44.00 -0.04 0.00	51.32 -1.86 0.00	55.24 -2.72 0.00	52.75 -3.07 0.00	49.92 -2.41 0.00	49.67 -1.48 0.00	47.15 -1.46 0.00	44.93 -1.63 0.00	45.22 -1.45 0.00	47.79 -1.99 0.00	51.94 -2.79 0.00	62.54 -4.06 0.00	75.08 -4.29 0.00	67.31 -4.53 0.00	62.16 -4.32 0.00	60.39 -4.06 0.00	54.88 -3.26 0.00	52.06 -2.17 0.00	49.14 -0.90 0.00
NEG WEST___LANCASTR 23811	48.93 -0.20 0.00	46.84 -0.57 0.00	43.01 -0.66 0.00	41.64 -0.51 0.00	40.98 -0.54 0.00	43.96 -0.09 0.00	51.90 -1.28 0.00	56.34 -1.62 0.00	53.75 -2.07 0.00	50.92 -1.41 0.00	50.59 -0.56 0.00	47.98 -0.63 0.00	45.77 -0.79 0.00	46.06 -0.61 0.00	48.59 -1.19 0.00	52.82 -1.92 0.00	63.81 -2.80 0.00	76.51 -2.86 0.00	68.74 -3.09 0.00	63.49 -2.99 0.00	61.61 -2.84 0.00	55.87 -2.27 0.00	52.77 -1.46 0.00	49.34 -0.70 0.00
NEG_PENN_ALLEGHNY 23528	49.52 0.39 0.00	47.70 0.29 0.00	43.89 0.22 0.00	42.40 0.25 0.00	41.77 0.25 0.00	44.40 0.35 0.00	53.45 0.27 0.00	58.14 0.17 0.00	55.88 0.06 0.00	52.59 0.26 0.00	51.52 0.36 0.00	48.90 0.29 0.00	46.84 0.28 0.00	47.04 0.37 0.00	49.98 0.20 0.00	54.79 0.05 0.00	66.67 0.07 0.00	79.60 0.24 0.00	71.83 0.00 0.00	66.48 0.00 0.00	64.45 0.00 0.00	58.19 0.06 0.00	54.40 0.16 0.00	50.39 0.35 0.00
NEG___GEN_MONROE 24207	49.28 0.15 0.00	47.22 -0.19 0.00	43.41 -0.26 0.00	42.02 -0.13 0.00	41.35 -0.17 0.00	44.22 0.18 0.00	52.27 -0.90 0.00	56.51 -1.45 0.00	54.26 -1.56 0.00	51.13 -1.20 0.00	50.54 -0.61 0.00	48.02 -0.58 0.00	45.86 -0.70 0.00	46.01 -0.65 0.00	48.89 -0.90 0.00	53.25 -1.48 0.00	64.54 -2.06 0.00	77.38 -1.98 0.00	69.46 -2.37 0.00	64.36 -2.13 0.00	62.38 -2.06 0.00	56.45 -1.69 0.00	53.26 -0.98 0.00	49.69 -0.35 0.00
NEPA___ENERGY 23901	49.62 0.49 0.00	47.60 0.19 0.00	43.62 -0.04 0.00	42.27 0.13 0.00	41.60 0.08 0.00	44.62 0.57 0.00	52.81 -0.37 0.00	57.21 -0.75 0.00	54.48 -1.34 0.00	51.60 -0.73 0.00	51.31 0.15 0.00	48.71 0.10 0.00	46.37 -0.19 0.00	46.71 0.05 0.00	49.18 -0.60 0.00	53.47 -1.26 0.00	64.68 -1.93 0.00	77.62 -1.75 0.00	69.32 -2.51 0.00	64.02 -2.46 0.00	62.13 -2.32 0.00	56.33 -1.80 0.00	53.09 -1.14 0.00	49.79 -0.25 0.00

NEVERSINK___HYD 23608	51.93 2.80 0.00	50.02 2.61 0.00	45.94 2.27 0.00	44.25 2.11 0.00	43.59 2.07 0.00	46.34 2.29 0.00	56.32 3.14 0.00	61.50 3.54 0.00	59.45 3.63 0.00	55.78 3.45 0.00	54.33 3.17 0.00	51.52 2.92 0.00	49.40 2.84 0.00	49.47 2.80 0.00	52.82 3.04 0.00	58.07 3.34 0.00	70.67 4.06 0.00	84.45 5.08 0.00	76.57 4.74 0.00	70.87 4.39 0.00	68.63 4.19 0.00	61.97 3.84 0.00	57.71 3.47 0.00	53.09 3.05 0.00
NEWKRMKL_115KV_TB1 55635	50.06 0.93 0.00	48.36 0.95 0.00	44.72 1.05 0.00	43.16 1.01 0.00	42.51 1.00 0.00	45.06 1.01 0.00	54.35 1.17 0.00	59.24 1.28 0.00	57.10 1.28 0.00	53.38 1.05 0.00	52.13 0.97 0.00	49.48 0.87 0.00	47.40 0.84 0.00	47.51 0.84 0.00	50.78 1.00 0.00	55.94 1.20 0.00	68.21 1.60 0.00	81.11 1.75 0.00	73.56 1.72 0.00	67.95 1.46 0.00	65.80 1.35 0.00	59.30 1.16 0.00	55.26 1.03 0.00	50.94 0.90 0.00
NEWTON___FALLS_HYD 23847	48.29 -0.84 0.00	46.80 -0.62 0.00	43.14 -0.52 0.00	41.51 -0.63 0.00	40.77 -0.75 0.00	42.95 -1.10 0.00	51.32 -1.86 0.00	55.99 -1.97 0.00	53.59 -2.23 0.00	50.18 -2.15 0.00	49.16 -2.00 0.00	46.71 -1.90 0.00	44.79 -1.77 0.00	44.89 -1.77 0.00	47.89 -1.89 0.00	52.76 -1.97 0.00	64.21 -2.40 0.00	76.82 -2.54 0.00	69.75 -2.08 0.00	64.82 -1.66 0.00	63.80 -0.64 0.00	57.38 -0.76 0.00	53.58 -0.65 0.00	49.84 -0.20 0.00
NGRID_A1_DSASP 323792	47.75 -1.38 0.00	46.61 -0.81 0.00	41.92 -1.75 0.00	40.63 -1.52 0.00	39.94 -1.58 0.00	42.86 -1.19 0.00	50.25 -2.92 0.00	54.20 -3.77 0.00	51.74 -4.07 0.00	49.08 -3.24 0.00	48.80 -2.35 0.00	46.32 -2.28 0.00	44.19 -2.37 0.00	44.43 -2.24 0.00	46.99 -2.79 0.00	51.07 -3.67 0.00	61.35 -5.26 0.00	73.49 -5.87 0.00	65.87 -5.96 0.00	60.83 -5.65 0.00	59.10 -5.35 0.00	53.77 -4.36 0.00	51.09 -3.15 0.00	47.99 -2.05 0.00
NGRID_A2_DSASP 323793	47.75 -1.38 0.00	46.61 -0.81 0.00	41.92 -1.75 0.00	40.63 -1.52 0.00	39.94 -1.58 0.00	42.86 -1.19 0.00	50.25 -2.92 0.00	54.20 -3.77 0.00	51.74 -4.07 0.00	49.08 -3.24 0.00	48.80 -2.35 0.00	46.32 -2.28 0.00	44.19 -2.37 0.00	44.43 -2.24 0.00	46.99 -2.79 0.00	51.07 -3.67 0.00	61.35 -5.26 0.00	73.49 -5.87 0.00	65.87 -5.96 0.00	60.83 -5.65 0.00	59.10 -5.35 0.00	53.77 -4.36 0.00	51.09 -3.15 0.00	47.99 -2.05 0.00
NGRID_A4_DSASP 323807	47.75 -1.38 0.00	46.61 -0.81 0.00	41.92 -1.75 0.00	40.63 -1.52 0.00	39.94 -1.58 0.00	42.86 -1.19 0.00	50.25 -2.92 0.00	54.20 -3.77 0.00	51.74 -4.07 0.00	49.08 -3.24 0.00	48.80 -2.35 0.00	46.32 -2.28 0.00	44.19 -2.37 0.00	44.43 -2.24 0.00	46.99 -2.79 0.00	51.07 -3.67 0.00	61.35 -5.26 0.00	73.49 -5.87 0.00	65.87 -5.96 0.00	60.83 -5.65 0.00	59.10 -5.35 0.00	53.77 -4.36 0.00	51.09 -3.15 0.00	47.99 -2.05 0.00
NIAGARA_115E_LBMP 323715	48.73 -0.39 0.00	45.85 -1.56 0.00	42.79 -0.87 0.00	41.43 -0.72 0.00	40.73 -0.79 0.00	43.69 -0.35 0.00	50.79 -2.39 0.00	54.31 -3.65 0.00	51.91 -3.91 0.00	49.35 -2.98 0.00	48.91 -2.25 0.00	46.42 -2.19 0.00	44.28 -2.28 0.00	44.52 -2.15 0.00	47.09 -2.69 0.00	51.18 -3.56 0.00	61.54 -5.06 0.00	73.96 -5.40 0.00	66.08 -5.75 0.00	61.10 -5.38 0.00	59.35 -5.09 0.00	53.95 -4.19 0.00	51.20 -3.04 0.00	48.64 -1.40 0.00
NIAGARA_115W_LBMP 323714	47.60 -1.52 0.00	46.61 -0.81 0.00	41.84 -1.83 0.00	40.50 -1.64 0.00	39.85 -1.66 0.00	42.73 -1.32 0.00	50.20 -2.98 0.00	54.02 -3.94 0.00	51.63 -4.19 0.00	49.14 -3.19 0.00	48.65 -2.51 0.00	46.23 -2.38 0.00	44.09 -2.47 0.00	44.33 -2.33 0.00	46.89 -2.89 0.00	50.96 -3.78 0.00	61.21 -5.39 0.00	73.49 -5.87 0.00	65.73 -6.11 0.00	60.70 -5.78 0.00	59.03 -5.41 0.00	53.66 -4.48 0.00	50.92 -3.31 0.00	47.89 -2.15 0.00
NIAGARA_230_LBMP 323716	48.34 -0.79 0.00	46.37 -1.04 0.00	42.45 -1.22 0.00	41.09 -1.05 0.00	40.44 -1.08 0.00	43.34 -0.71 0.00	51.00 -2.18 0.00	54.89 -3.07 0.00	52.47 -3.35 0.00	49.87 -2.46 0.00	49.36 -1.79 0.00	46.91 -1.70 0.00	44.74 -1.82 0.00	44.99 -1.68 0.00	47.59 -2.19 0.00	51.72 -3.01 0.00	62.21 -4.40 0.00	74.68 -4.68 0.00	66.80 -5.03 0.00	61.70 -4.79 0.00	60.00 -4.45 0.00	54.53 -3.60 0.00	51.68 -2.55 0.00	48.58 -1.45 0.00
NIAGARA___115KV_198_GIBSON 55903	47.61 -1.52 0.00	46.61 -0.81 0.00	41.79 -1.88 0.00	40.50 -1.64 0.00	39.85 -1.66 0.00	42.73 -1.32 0.00	50.09 -3.08 0.00	54.02 -3.94 0.00	51.63 -4.19 0.00	48.93 -3.40 0.00	48.65 -2.51 0.00	46.23 -2.38 0.00	44.09 -2.47 0.00	44.33 -2.33 0.00	46.89 -2.89 0.00	50.96 -3.78 0.00	61.21 -5.40 0.00	73.33 -6.03 0.00	65.73 -6.11 0.00	60.70 -5.78 0.00	58.97 -5.48 0.00	53.66 -4.48 0.00	50.92 -3.31 0.00	47.84 -2.20 0.00
NIAGARA____ 23760	48.34 -0.79 0.00	46.37 -1.04 0.00	42.45 -1.22 0.00	41.09 -1.05 0.00	40.44 -1.08 0.00	43.34 -0.71 0.00	51.00 -2.18 0.00	54.89 -3.07 0.00	52.47 -3.35 0.00	49.87 -2.46 0.00	49.36 -1.79 0.00	46.91 -1.70 0.00	44.74 -1.82 0.00	44.99 -1.68 0.00	47.59 -2.19 0.00	51.72 -3.01 0.00	62.21 -4.40 0.00	74.68 -4.68 0.00	66.80 -5.03 0.00	61.70 -4.79 0.00	60.00 -4.45 0.00	54.53 -3.60 0.00	51.68 -2.55 0.00	48.58 -1.45 0.00
NINE_MILE_1 23575	47.41 -1.72 0.00	45.71 -1.70 0.00	42.05 -1.61 0.00	40.67 -1.48 0.00	40.06 -1.45 0.00	42.50 -1.54 0.00	51.21 -1.97 0.00	55.76 -2.20 0.00	53.70 -2.12 0.00	50.39 -1.94 0.00	49.32 -1.84 0.00	46.81 -1.80 0.00	44.84 -1.72 0.00	44.99 -1.68 0.00	47.94 -1.84 0.00	52.65 -2.08 0.00	64.08 -2.53 0.00	76.35 -3.02 0.00	69.03 -2.80 0.00	63.89 -2.59 0.00	61.93 -2.51 0.00	55.92 -2.21 0.00	52.23 -2.01 0.00	48.28 -1.75 0.00
NINE_MILE_2 23744	47.41 -1.72 0.00	45.71 -1.70 0.00	42.10 -1.57 0.00	40.67 -1.48 0.00	40.06 -1.45 0.00	42.50 -1.54 0.00	51.21 -1.97 0.00	55.76 -2.20 0.00	53.70 -2.12 0.00	50.39 -1.94 0.00	49.32 -1.84 0.00	46.81 -1.80 0.00	44.84 -1.72 0.00	44.99 -1.68 0.00	47.94 -1.84 0.00	52.65 -2.08 0.00	64.08 -2.53 0.00	76.35 -3.02 0.00	69.03 -2.80 0.00	63.89 -2.59 0.00	61.93 -2.51 0.00	55.92 -2.21 0.00	52.28 -1.95 0.00	48.28 -1.75 0.00
NM_CAPITAL___DRP 24208	50.06 0.93 0.00	48.36 0.95 0.00	44.72 1.05 0.00	43.16 1.01 0.00	42.51 1.00 0.00	45.10 1.06 0.00	54.40 1.22 0.00	59.30 1.33 0.00	57.16 1.34 0.00	53.38 1.05 0.00	52.08 0.92 0.00	49.43 0.83 0.00	47.40 0.84 0.00	47.46 0.79 0.00	50.78 1.00 0.00	55.94 1.20 0.00	68.27 1.67 0.00	81.11 1.75 0.00	73.56 1.72 0.00	67.95 1.46 0.00	65.80 1.35 0.00	59.30 1.16 0.00	55.26 1.03 0.00	50.94 0.90 0.00
NM_CENTRAL___DRP 24181	48.39 -0.74 0.00	46.61 -0.81 0.00	42.88 -0.79 0.00	41.43 -0.72 0.00	40.85 -0.66 0.00	43.34 -0.70 0.00	52.22 -0.96 0.00	56.86 -1.10 0.00	54.76 -1.06 0.00	51.39 -0.94 0.00	50.34 -0.82 0.00	47.78 -0.83 0.00	45.77 -0.79 0.00	45.92 -0.75 0.00	48.94 -0.85 0.00	53.75 -0.99 0.00	65.34 -1.27 0.00	77.85 -1.51 0.00	70.40 -1.44 0.00	65.15 -1.33 0.00	63.16 -1.29 0.00	56.97 -1.16 0.00	53.31 -0.92 0.00	49.24 -0.80 0.00

NM_FRONTIER___DRP 24179	47.61 -1.52 0.00	46.61 -0.81 0.00	41.79 -1.88 0.00	40.50 -1.64 0.00	39.85 -1.66 0.00	42.73 -1.32 0.00	50.09 -3.08 0.00	54.02 -3.94 0.00	51.63 -4.19 0.00	48.93 -3.40 0.00	48.65 -2.51 0.00	46.23 -2.38 0.00	44.09 -2.47 0.00	44.33 -2.33 0.00	46.89 -2.89 0.00	50.96 -3.78 0.00	61.21 -5.40 0.00	73.33 -6.03 0.00	65.73 -6.11 0.00	60.70 -5.78 0.00	58.97 -5.48 0.00	53.66 -4.48 0.00	50.92 -3.31 0.00	47.84 -2.20 0.00
NM_ST_REGIS___HYD 24053	48.49 -0.64 0.00	47.03 -0.38 0.00	43.58 -0.09 0.00	41.85 -0.30 0.00	41.22 -0.29 0.00	43.30 -0.75 0.00	51.85 -1.33 0.00	56.40 -1.57 0.00	53.87 -1.95 0.00	50.55 -1.78 0.00	49.57 -1.59 0.00	47.05 -1.56 0.00	45.12 -1.44 0.00	45.22 -1.45 0.00	48.24 -1.54 0.00	52.76 -1.97 0.00	64.01 -2.60 0.00	76.35 -3.02 0.00	69.39 -2.44 0.00	64.69 -1.80 0.00	63.54 -0.90 0.00	57.20 -0.93 0.00	53.42 -0.81 0.00	49.94 -0.10 0.00
NORTHPORT___1 23551	53.01 3.88 0.00	50.64 3.23 0.00	46.50 2.84 0.00	44.76 2.61 0.00	44.09 2.57 0.00	46.91 2.86 0.00	57.22 4.04 0.00	61.32 3.36 0.00	59.89 4.07 0.00	57.25 4.92 -0.01	55.92 4.76 -0.01	53.14 4.52 -0.01	50.95 4.38 -0.01	51.06 4.39 -0.01	54.47 4.68 -0.01	59.39 4.65 -0.01	70.93 4.33 0.00	83.96 4.60 0.00	76.93 5.10 0.00	71.07 4.58 0.00	67.99 3.54 0.00	61.56 3.43 0.00	58.14 3.91 0.00	54.04 4.00 0.00
NORTHPORT___2 23552	53.01 3.88 0.00	50.64 3.23 0.00	46.50 2.84 0.00	44.76 2.61 0.00	44.09 2.57 0.00	46.91 2.86 0.00	57.22 4.04 0.00	61.32 3.36 0.00	59.89 4.07 0.00	57.25 4.92 -0.01	55.92 4.76 -0.01	53.14 4.52 -0.01	50.95 4.38 -0.01	51.06 4.39 -0.01	54.47 4.68 -0.01	59.39 4.65 -0.01	70.93 4.33 0.00	83.96 4.60 0.00	76.93 5.10 0.00	71.07 4.58 0.00	67.99 3.54 0.00	61.56 3.43 0.00	58.14 3.91 0.00	54.04 4.00 0.00
NORTHPORT___3 23553	52.86 3.73 0.00	50.49 3.08 0.00	46.38 2.71 0.00	44.63 2.49 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.06 3.88 0.00	61.15 3.19 0.00	59.78 3.96 0.00	57.10 4.76 -0.01	55.77 4.61 -0.01	52.99 4.38 -0.01	50.81 4.24 -0.01	50.92 4.25 -0.01	54.37 4.58 -0.01	59.23 4.49 -0.01	70.74 4.13 0.00	83.72 4.36 0.00	76.72 4.89 0.00	70.80 4.32 0.00	67.80 3.35 0.00	61.39 3.25 0.00	57.97 3.74 0.00	53.89 3.85 0.00
NORTHPORT___4 23650	52.86 3.73 0.00	50.49 3.08 0.00	46.38 2.71 0.00	44.63 2.49 0.00	43.96 2.45 0.00	46.78 2.73 0.00	57.06 3.88 0.00	61.15 3.19 0.00	59.78 3.96 0.00	57.10 4.76 -0.01	55.77 4.61 -0.01	52.99 4.38 -0.01	50.81 4.24 -0.01	50.92 4.25 -0.01	54.37 4.58 -0.01	59.23 4.49 -0.01	70.74 4.13 0.00	83.72 4.36 0.00	76.72 4.89 0.00	70.80 4.32 0.00	67.80 3.35 0.00	61.39 3.25 0.00	57.97 3.74 0.00	53.89 3.85 0.00
NORTHPORT___IC 23718	53.01 3.88 0.00	50.64 3.22 0.00	46.51 2.84 0.00	44.76 2.61 0.00	44.09 2.57 0.00	46.91 2.86 0.00	57.27 4.09 0.00	61.33 3.36 0.00	59.89 4.07 0.00	57.26 4.92 -0.01	55.92 4.76 -0.01	53.14 4.52 -0.01	50.95 4.38 -0.01	51.06 4.39 -0.01	54.47 4.68 -0.01	59.39 4.65 -0.01	70.94 4.33 0.00	84.60 5.24 0.00	76.93 5.10 0.00	71.21 4.72 0.00	68.12 3.67 0.00	61.56 3.43 0.00	58.14 3.90 0.00	53.99 3.95 0.00
NORTH___COUNTRY_ESR 323785	48.05 -1.08 0.00	46.65 -0.76 0.00	43.23 -0.44 0.00	41.55 -0.59 0.00	40.97 -0.54 0.00	43.21 -0.84 0.00	52.06 -1.12 0.00	56.57 -1.39 0.00	54.09 -1.73 0.00	50.76 -1.57 0.00	49.78 -1.38 0.00	47.20 -1.41 0.00	45.21 -1.35 0.00	45.31 -1.35 0.00	48.34 -1.45 0.00	52.76 -1.97 0.00	64.21 -2.40 0.00	76.58 -2.78 0.00	69.68 -2.15 0.00	64.96 -1.53 0.00	63.48 -0.96 0.00	57.09 -1.04 0.00	53.15 -1.08 0.00	48.84 -1.20 0.00
NPX_GEN_1385_PROXY 323591	52.86 3.73 0.00	50.49 3.08 0.00	46.50 2.84 0.00	44.76 2.61 0.00	44.38 2.86 0.00	47.26 3.21 0.00	57.59 4.41 0.00	61.62 3.65 0.00	60.06 4.24 0.00	57.25 4.92 -0.01	55.77 4.61 -0.01	52.70 4.08 -0.01	50.67 4.10 -0.01	50.78 4.11 -0.01	54.47 4.68 -0.01	61.05 5.14 -1.17	78.28 4.93 -6.74	84.28 4.92 0.00	79.05 5.75 -1.47	71.60 5.12 0.00	68.31 3.87 0.00	61.74 3.61 0.00	58.30 4.07 0.00	53.99 3.95 0.00
NPX_GEN_CSC 323557	53.70 4.57 0.00	51.25 3.84 0.00	47.08 3.41 0.00	45.35 3.20 0.00	44.63 3.12 0.00	47.48 3.44 0.00	57.80 4.62 0.00	61.96 4.00 0.00	60.40 4.58 0.00	57.88 5.54 -0.01	56.58 5.42 -0.01	53.82 5.20 -0.01	51.60 5.03 -0.01	51.72 5.04 -0.01	55.27 5.48 -0.01	60.49 5.75 -0.01	72.34 5.73 0.00	85.39 6.03 0.00	78.51 6.68 0.00	72.40 5.92 0.00	69.09 4.64 0.00	62.55 4.42 0.00	58.73 4.50 0.00	54.64 4.60 0.00
NSINS_S_GLNS_FALLS 23858	52.42 3.29 0.00	50.68 3.27 0.00	46.72 3.06 0.00	45.05 2.91 0.00	44.34 2.82 0.00	47.17 3.13 0.00	57.01 3.83 0.00	62.31 4.35 0.00	59.95 4.13 0.00	55.89 3.56 0.00	54.48 3.33 0.00	51.52 2.92 0.00	49.21 2.65 0.00	49.14 2.47 0.00	52.52 2.74 0.00	58.29 3.56 0.00	71.54 4.93 0.00	85.23 5.87 0.00	77.36 5.53 0.00	71.27 4.79 0.00	69.28 4.83 0.00	62.38 4.24 0.00	58.14 3.90 0.00	53.44 3.40 0.00
NUCOR_STEEL___DRP 24197	49.08 -0.05 0.00	47.22 -0.19 0.00	43.41 -0.26 0.00	41.98 -0.17 0.00	41.35 -0.17 0.00	43.96 -0.09 0.00	52.91 -0.27 0.00	57.62 -0.35 0.00	55.37 -0.45 0.00	52.01 -0.31 0.00	50.90 -0.26 0.00	48.32 -0.29 0.00	46.33 -0.23 0.00	46.43 -0.23 0.00	49.48 -0.30 0.00	54.35 -0.38 0.00	66.21 -0.40 0.00	78.97 -0.40 0.00	71.40 -0.43 0.00	66.09 -0.40 0.00	64.06 -0.39 0.00	57.78 -0.35 0.00	54.02 -0.22 0.00	49.94 -0.10 0.00
NUMBER_THREE_WT_PWR 323818	48.88 -0.24 0.00	47.27 -0.14 0.00	43.45 -0.22 0.00	41.81 -0.34 0.00	40.97 -0.54 0.00	43.34 -0.71 0.00	52.12 -1.06 0.00	56.98 -0.99 0.00	54.70 -1.12 0.00	51.13 -1.20 0.00	49.88 -1.28 0.00	47.39 -1.21 0.00	45.44 -1.12 0.00	45.55 -1.12 0.00	48.59 -1.20 0.00	53.85 -0.88 0.00	66.28 -0.33 0.00	79.44 0.08 0.00	72.05 0.22 0.00	66.82 0.33 0.00	65.35 0.90 0.00	58.71 0.58 0.00	54.78 0.54 0.00	50.49 0.45 0.00
NYISO_LBMP_REFERENCE 24008	49.13 0.00 0.00	47.41 0.00 0.00	43.67 0.00 0.00	42.14 0.00 0.00	41.52 0.00 0.00	44.05 0.00 0.00	53.18 0.00 0.00	57.96 0.00 0.00	55.82 0.00 0.00	52.33 0.00 0.00	51.16 0.00 0.00	48.61 0.00 0.00	46.56 0.00 0.00	46.67 0.00 0.00	49.78 0.00 0.00	54.73 0.00 0.00	66.61 0.00 0.00	79.36 0.00 0.00	71.83 0.00 0.00	66.48 0.00 0.00	64.45 0.00 0.00	58.13 0.00 0.00	54.23 0.00 0.00	50.04 0.00 0.00
NYPA_BRENTWD____GT 24164	53.89 4.76 0.00	51.40 3.98 0.00	47.20 3.54 0.00	45.39 3.25 0.00	44.71 3.20 0.00	47.57 3.53 0.00	58.07 4.89 0.00	62.31 4.35 0.00	60.79 4.97 0.00	58.15 5.81 -0.01	56.79 5.63 -0.01	54.01 5.39 -0.01	51.78 5.21 -0.01	51.90 5.23 -0.01	55.41 5.62 -0.01	60.54 5.80 -0.01	72.53 5.93 0.00	85.95 6.58 0.00	78.73 6.90 0.00	72.67 6.18 0.00	69.48 5.03 0.00	62.84 4.71 0.00	59.17 4.93 0.00	54.89 4.85 0.00



OAKDALE___35_KV_LOAD 356122	49.37 0.25 0.00	47.56 0.14 0.00	43.71 0.04 0.00	42.27 0.13 0.00	41.60 0.08 0.00	44.27 0.22 0.00	53.23 0.05 0.00	57.96 0.00 0.00	55.65 -0.17 0.00	52.33 0.00 0.00	51.31 0.15 0.00	48.75 0.15 0.00	46.65 0.09 0.00	46.85 0.19 0.00	49.78 0.00 0.00	54.57 -0.16 0.00	66.41 -0.20 0.00	79.20 -0.16 0.00	71.55 -0.29 0.00	66.22 -0.27 0.00	64.19 -0.26 0.00	57.96 -0.17 0.00	54.18 -0.05 0.00	50.19 0.15 0.00
OCC_CHEM___DRP 24175	47.75 -1.38 0.00	46.61 -0.81 0.00	41.92 -1.75 0.00	40.63 -1.52 0.00	39.94 -1.58 0.00	42.86 -1.19 0.00	50.25 -2.92 0.00	54.20 -3.77 0.00	51.74 -4.07 0.00	49.08 -3.24 0.00	48.80 -2.35 0.00	46.32 -2.28 0.00	44.19 -2.37 0.00	44.43 -2.24 0.00	46.99 -2.79 0.00	51.07 -3.67 0.00	61.35 -5.26 0.00	73.49 -5.87 0.00	65.87 -5.96 0.00	60.83 -5.65 0.00	59.10 -5.35 0.00	53.77 -4.36 0.00	51.09 -3.15 0.00	47.99 -2.05 0.00
OH_GEN_PROXY 24063	48.34 -0.79 0.00	46.37 -1.04 0.00	42.45 -1.22 0.00	41.09 -1.05 0.00	40.44 -1.08 0.00	43.34 -0.71 0.00	51.05 -2.13 0.00	55.01 -2.95 0.00	52.53 -3.29 0.00	49.98 -2.35 0.00	49.47 -1.69 0.00	47.01 -1.60 0.00	44.79 -1.77 0.00	45.03 -1.63 0.00	47.64 -2.14 0.00	51.78 -2.96 0.00	62.34 -4.26 0.00	74.84 -4.52 0.00	66.95 -4.89 0.00	61.83 -4.66 0.00	60.13 -4.32 0.00	54.59 -3.55 0.00	51.74 -2.49 0.00	48.58 -1.45 0.00
OLIN_CORP_DRP 24177	48.74 -0.39 0.00	45.94 -1.47 0.00	42.75 -0.92 0.00	41.43 -0.72 0.00	40.73 -0.79 0.00	43.69 -0.35 0.00	50.73 -2.45 0.00	54.43 -3.54 0.00	52.02 -3.80 0.00	49.29 -3.04 0.00	49.01 -2.15 0.00	46.52 -2.09 0.00	44.37 -2.19 0.00	44.61 -2.05 0.00	47.19 -2.59 0.00	51.28 -3.45 0.00	61.68 -4.93 0.00	73.97 -5.40 0.00	66.30 -5.53 0.00	61.23 -5.25 0.00	59.42 -5.03 0.00	54.06 -4.07 0.00	51.30 -2.93 0.00	48.64 -1.40 0.00
OLIN_CORP_DSASP 323712	47.75 -1.38 0.00	46.61 -0.81 0.00	41.92 -1.75 0.00	40.63 -1.52 0.00	39.94 -1.58 0.00	42.86 -1.19 0.00	50.25 -2.92 0.00	54.20 -3.77 0.00	51.74 -4.07 0.00	49.08 -3.24 0.00	48.80 -2.35 0.00	46.32 -2.28 0.00	44.19 -2.37 0.00	44.43 -2.24 0.00	46.99 -2.79 0.00	51.07 -3.67 0.00	61.35 -5.26 0.00	73.49 -5.87 0.00	65.87 -5.96 0.00	60.83 -5.65 0.00	59.10 -5.35 0.00	53.77 -4.36 0.00	51.09 -3.15 0.00	47.99 -2.05 0.00
ONEIDA_HERK_LFGE 323681	49.67 0.54 0.00	47.98 0.57 0.00	44.10 0.44 0.00	42.57 0.42 0.00	41.81 0.29 0.00	44.31 0.27 0.00	53.45 0.27 0.00	58.43 0.46 0.00	56.16 0.34 0.00	52.54 0.21 0.00	51.21 0.05 0.00	48.66 0.05 0.00	46.61 0.05 0.00	46.71 0.05 0.00	49.83 0.05 0.00	55.12 0.39 0.00	67.47 0.86 0.00	80.63 1.27 0.00	73.05 1.22 0.00	67.61 1.13 0.00	65.80 1.36 0.00	59.18 1.05 0.00	55.21 0.98 0.00	50.94 0.90 0.00
ONEIDA___115KV_TB4 55905	50.11 0.98 0.00	48.36 0.95 0.00	44.50 0.83 0.00	42.99 0.84 0.00	42.30 0.79 0.00	44.88 0.84 0.00	54.19 1.01 0.00	59.18 1.22 0.00	56.82 1.00 0.00	53.22 0.89 0.00	51.87 0.72 0.00	49.24 0.63 0.00	47.17 0.61 0.00	47.32 0.65 0.00	50.43 0.65 0.00	55.66 0.93 0.00	68.01 1.40 0.00	81.19 1.83 0.00	73.41 1.58 0.00	67.95 1.46 0.00	65.93 1.48 0.00	59.35 1.22 0.00	55.37 1.14 0.00	51.14 1.10 0.00
ONONDAGA_REF_OCCRA 23987	48.64 -0.49 0.00	46.84 -0.57 0.00	43.10 -0.57 0.00	41.64 -0.51 0.00	41.02 -0.50 0.00	43.56 -0.48 0.00	52.49 -0.69 0.00	57.21 -0.75 0.00	55.04 -0.78 0.00	51.65 -0.68 0.00	50.54 -0.61 0.00	48.02 -0.58 0.00	46.00 -0.56 0.00	46.15 -0.51 0.00	49.13 -0.65 0.00	53.97 -0.77 0.00	65.74 -0.87 0.00	78.33 -1.03 0.00	70.83 -1.01 0.00	65.55 -0.93 0.00	63.54 -0.90 0.00	57.32 -0.81 0.00	53.58 -0.65 0.00	49.49 -0.55 0.00
ONONDAGA___COGEN 23986	48.64 -0.49 0.00	46.84 -0.57 0.00	43.10 -0.57 0.00	41.64 -0.51 0.00	41.02 -0.50 0.00	43.56 -0.48 0.00	52.49 -0.69 0.00	57.21 -0.75 0.00	55.04 -0.78 0.00	51.70 -0.63 0.00	50.59 -0.56 0.00	48.02 -0.58 0.00	46.00 -0.56 0.00	46.15 -0.51 0.00	49.18 -0.60 0.00	54.02 -0.71 0.00	65.74 -0.87 0.00	78.41 -0.95 0.00	70.83 -1.01 0.00	65.55 -0.93 0.00	63.54 -0.90 0.00	57.32 -0.81 0.00	53.58 -0.65 0.00	49.49 -0.55 0.00
ONTARIO___LFGE 23819	48.84 -0.29 0.00	46.94 -0.47 0.00	43.10 -0.57 0.00	41.68 -0.46 0.00	41.06 -0.46 0.00	43.74 -0.31 0.00	52.43 -0.74 0.00	56.98 -0.99 0.00	54.76 -1.06 0.00	51.60 -0.73 0.00	50.59 -0.56 0.00	48.07 -0.53 0.00	46.00 -0.56 0.00	46.15 -0.51 0.00	49.08 -0.70 0.00	53.80 -0.93 0.00	65.54 -1.07 0.00	78.33 -1.03 0.00	70.54 -1.29 0.00	65.29 -1.19 0.00	63.29 -1.16 0.00	57.14 -0.99 0.00	53.58 -0.65 0.00	49.59 -0.45 0.00
ORANGEVILLE_WT_PWR 323706	49.28 0.15 0.00	47.22 -0.19 0.00	43.36 -0.30 0.00	41.98 -0.17 0.00	41.27 -0.25 0.00	44.22 0.18 0.00	52.27 -0.90 0.00	56.46 -1.51 0.00	53.86 -1.96 0.00	50.97 -1.36 0.00	50.33 -0.82 0.00	47.78 -0.83 0.00	45.67 -0.89 0.00	45.97 -0.70 0.00	48.64 -1.14 0.00	52.93 -1.80 0.00	64.01 -2.60 0.00	76.82 -2.54 0.00	69.03 -2.80 0.00	63.82 -2.66 0.00	62.00 -2.45 0.00	56.16 -1.98 0.00	53.04 -1.19 0.00	49.69 -0.35 0.00
ORANGEVILLE___ESR 323794	49.28 0.15 0.00	47.22 -0.19 0.00	43.36 -0.30 0.00	41.98 -0.17 0.00	41.27 -0.25 0.00	44.22 0.18 0.00	52.27 -0.90 0.00	56.46 -1.51 0.00	53.86 -1.96 0.00	50.97 -1.36 0.00	50.33 -0.82 0.00	47.78 -0.83 0.00	45.67 -0.89 0.00	45.97 -0.70 0.00	48.64 -1.14 0.00	52.93 -1.80 0.00	64.01 -2.60 0.00	76.82 -2.54 0.00	69.03 -2.80 0.00	63.82 -2.66 0.00	62.00 -2.45 0.00	56.16 -1.98 0.00	53.04 -1.19 0.00	49.69 -0.35 0.00
OSWEGATCHIE___HYD 24044	48.29 -0.84 0.00	46.80 -0.62 0.00	43.15 -0.52 0.00	41.51 -0.63 0.00	40.77 -0.75 0.00	42.95 -1.10 0.00	51.32 -1.86 0.00	55.99 -1.97 0.00	53.59 -2.23 0.00	50.13 -2.20 0.00	49.16 -2.00 0.00	46.71 -1.90 0.00	44.79 -1.77 0.00	44.89 -1.77 0.00	47.89 -1.89 0.00	52.76 -1.97 0.00	64.21 -2.40 0.00	76.82 -2.54 0.00	69.75 -2.09 0.00	64.83 -1.66 0.00	63.80 -0.64 0.00	57.38 -0.76 0.00	53.58 -0.65 0.00	49.44 -0.60 0.00
OSWEGO___5 23606	47.80 -1.32 0.00	46.09 -1.33 0.00	42.40 -1.27 0.00	40.96 -1.18 0.00	40.40 -1.12 0.00	42.86 -1.19 0.00	51.63 -1.54 0.00	56.23 -1.74 0.00	54.09 -1.73 0.00	50.81 -1.52 0.00	49.72 -1.43 0.00	47.20 -1.41 0.00	45.21 -1.35 0.00	45.36 -1.31 0.00	48.34 -1.45 0.00	53.09 -1.64 0.00	64.61 -2.00 0.00	76.98 -2.38 0.00	69.61 -2.23 0.00	64.42 -2.06 0.00	62.45 -2.00 0.00	56.39 -1.74 0.00	52.66 -1.57 0.00	48.69 -1.35 0.00
OSWEGO___6 23613	47.80 -1.32 0.00	46.09 -1.33 0.00	42.40 -1.27 0.00	40.96 -1.18 0.00	40.40 -1.12 0.00	42.86 -1.19 0.00	51.63 -1.54 0.00	56.23 -1.74 0.00	54.09 -1.73 0.00	50.81 -1.52 0.00	49.72 -1.43 0.00	47.20 -1.41 0.00	45.21 -1.35 0.00	45.36 -1.31 0.00	48.34 -1.45 0.00	53.09 -1.64 0.00	64.61 -2.00 0.00	76.98 -2.38 0.00	69.61 -2.23 0.00	64.42 -2.06 0.00	62.45 -2.00 0.00	56.39 -1.74 0.00	52.66 -1.57 0.00	48.69 -1.35 0.00

OUTOKUMPU-AB___DRP 24206	48.98 -0.15 0.00	47.08 -0.33 0.00	42.97 -0.70 0.00	41.64 -0.51 0.00	40.93 -0.58 0.00	43.91 -0.13 0.00	51.42 -1.75 0.00	55.53 -2.43 0.00	53.03 -2.79 0.00	50.24 -2.09 0.00	49.93 -1.23 0.00	47.39 -1.22 0.00	45.21 -1.35 0.00	45.50 -1.17 0.00	48.09 -1.69 0.00	52.27 -2.46 0.00	62.88 -3.73 0.00	75.39 -3.97 0.00	67.67 -4.17 0.00	62.50 -3.99 0.00	60.71 -3.74 0.00	55.11 -3.02 0.00	52.28 -1.95 0.00	49.19 -0.85 0.00
OXBOW___BTM 323836	48.44 -0.69 0.00	46.94 -0.47 0.00	42.53 -1.14 0.00	41.18 -0.97 0.00	40.48 -1.04 0.00	43.43 -0.62 0.00	51.00 -2.18 0.00	54.89 -3.07 0.00	52.47 -3.35 0.00	49.92 -2.41 0.00	49.47 -1.69 0.00	46.96 -1.65 0.00	44.79 -1.77 0.00	45.03 -1.63 0.00	47.59 -2.19 0.00	51.72 -3.01 0.00	62.21 -4.40 0.00	74.68 -4.68 0.00	66.88 -4.96 0.00	61.77 -4.72 0.00	60.06 -4.38 0.00	54.53 -3.60 0.00	51.79 -2.44 0.00	48.69 -1.35 0.00
OXBOW___ 24026	48.44 -0.69 0.00	46.94 -0.47 0.00	42.49 -1.18 0.00	41.18 -0.97 0.00	40.48 -1.04 0.00	43.43 -0.62 0.00	50.89 -2.29 0.00	54.95 -3.01 0.00	52.47 -3.35 0.00	49.71 -2.62 0.00	49.47 -1.69 0.00	46.96 -1.65 0.00	44.79 -1.77 0.00	45.03 -1.63 0.00	47.59 -2.19 0.00	51.72 -3.01 0.00	62.21 -4.40 0.00	74.60 -4.76 0.00	66.88 -4.96 0.00	61.76 -4.72 0.00	60.00 -4.45 0.00	54.53 -3.60 0.00	51.79 -2.44 0.00	48.64 -1.40 0.00
OXY_CHEM_DSASP 323612	47.75 -1.38 0.00	46.61 -0.81 0.00	41.92 -1.75 0.00	40.63 -1.52 0.00	39.94 -1.58 0.00	42.86 -1.19 0.00	50.25 -2.92 0.00	54.20 -3.77 0.00	51.74 -4.07 0.00	49.08 -3.24 0.00	48.80 -2.35 0.00	46.32 -2.28 0.00	44.19 -2.37 0.00	44.43 -2.24 0.00	46.99 -2.79 0.00	51.07 -3.67 0.00	61.35 -5.26 0.00	73.49 -5.87 0.00	65.87 -5.96 0.00	60.83 -5.65 0.00	59.10 -5.35 0.00	53.77 -4.36 0.00	51.09 -3.15 0.00	47.99 -2.05 0.00
OZONE_PARK_ESR 323760	52.37 3.24 0.00	50.31 2.89 0.00	46.24 2.58 0.00	44.50 2.36 0.00	43.80 2.28 0.00	46.56 2.51 0.00	56.69 3.51 0.00	61.85 3.88 0.00	59.95 4.13 0.00	56.52 4.19 0.00	55.25 4.09 0.00	52.64 4.03 0.00	50.47 3.91 0.00	50.54 3.87 0.00	53.86 4.08 0.00	59.06 4.32 0.00	71.40 4.80 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.60 5.12 0.00	69.34 4.90 0.00	62.44 4.30 0.00	58.08 3.85 0.00	53.34 3.30 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	47.75 -1.38 0.00	46.61 -0.81 0.00	41.92 -1.75 0.00	40.63 -1.52 0.00	39.94 -1.58 0.00	42.86 -1.19 0.00	50.25 -2.92 0.00	54.20 -3.77 0.00	51.74 -4.07 0.00	49.08 -3.24 0.00	48.80 -2.35 0.00	46.32 -2.28 0.00	44.19 -2.37 0.00	44.43 -2.24 0.00	46.99 -2.79 0.00	51.07 -3.67 0.00	61.35 -5.26 0.00	73.49 -5.87 0.00	65.87 -5.96 0.00	60.83 -5.65 0.00	59.10 -5.35 0.00	53.77 -4.36 0.00	51.09 -3.15 0.00	47.99 -2.05 0.00
PACKARD___115KV_DUPONT_184 80571	47.75 -1.38 0.00	46.65 -0.76 0.00	41.96 -1.70 0.00	40.63 -1.52 0.00	39.94 -1.58 0.00	42.86 -1.19 0.00	50.36 -2.82 0.00	54.20 -3.77 0.00	51.80 -4.02 0.00	49.24 -3.09 0.00	48.80 -2.35 0.00	46.32 -2.28 0.00	44.19 -2.37 0.00	44.43 -2.24 0.00	46.99 -2.79 0.00	51.07 -3.67 0.00	61.34 -5.26 0.00	73.65 -5.72 0.00	65.87 -5.96 0.00	60.83 -5.65 0.00	59.16 -5.28 0.00	53.77 -4.36 0.00	51.09 -3.15 0.00	47.98 -2.05 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.93 2.80 0.00	49.97 2.56 0.00	45.94 2.27 0.00	44.21 2.07 0.00	43.51 1.99 0.00	46.20 2.16 0.00	56.26 3.08 0.00	61.33 3.36 0.00	59.50 3.68 0.00	56.10 3.77 0.00	54.84 3.68 0.00	52.25 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.62 3.89 0.00	70.67 4.06 0.00	84.36 5.00 0.00	76.50 4.67 0.00	70.87 4.39 0.00	68.70 4.25 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.99 2.95 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.57 3.44 0.00	50.59 3.18 0.00	46.51 2.84 0.00	44.80 2.66 0.00	44.09 2.57 0.00	46.82 2.77 0.00	57.01 3.83 0.00	62.08 4.12 0.00	60.23 4.41 0.00	56.72 4.40 0.00	55.45 4.30 0.00	52.89 4.28 0.00	50.66 4.10 0.00	50.73 4.06 0.00	54.06 4.28 0.00	59.22 4.49 0.00	71.47 4.86 0.00	85.39 6.03 0.00	77.44 5.60 0.00	71.67 5.19 0.00	69.54 5.09 0.00	62.67 4.53 0.00	58.35 4.12 0.00	53.59 3.55 0.00
PATROON___115KV_TB1 80586	50.21 1.08 0.00	48.50 1.09 0.00	44.85 1.18 0.00	43.24 1.10 0.00	42.59 1.08 0.00	45.19 1.15 0.00	54.46 1.28 0.00	59.41 1.45 0.00	57.27 1.45 0.00	53.53 1.20 0.00	52.23 1.07 0.00	49.58 0.97 0.00	47.54 0.98 0.00	47.60 0.93 0.00	50.93 1.14 0.00	56.10 1.37 0.00	68.41 1.80 0.00	81.35 1.98 0.00	73.77 1.94 0.00	68.08 1.60 0.00	65.99 1.55 0.00	59.47 1.34 0.00	55.43 1.19 0.00	51.09 1.05 0.00
PATTRSNVILLE___SOLAR 323815	50.65 1.52 0.00	48.93 1.52 0.00	45.06 1.40 0.00	43.49 1.35 0.00	42.80 1.29 0.00	45.50 1.45 0.00	54.99 1.81 0.00	59.94 1.97 0.00	57.22 1.40 0.00	53.22 0.89 0.00	51.77 0.62 0.00	49.14 0.54 0.00	47.03 0.47 0.00	47.18 0.51 0.00	50.48 0.70 0.00	56.10 1.37 0.00	68.94 2.33 0.00	82.30 2.94 0.00	74.63 2.80 0.00	68.95 2.46 0.00	66.83 2.39 0.00	60.22 2.09 0.00	56.13 1.90 0.00	51.64 1.60 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	49.18 0.05 0.00	47.03 -0.38 0.00	43.19 -0.48 0.00	41.81 -0.34 0.00	41.14 -0.37 0.00	44.13 0.09 0.00	52.01 -1.17 0.00	56.34 -1.62 0.00	53.75 -2.07 0.00	50.92 -1.41 0.00	50.59 -0.56 0.00	48.02 -0.58 0.00	45.82 -0.74 0.00	46.11 -0.56 0.00	48.69 -1.10 0.00	52.93 -1.81 0.00	63.81 -2.80 0.00	76.58 -2.78 0.00	68.82 -3.02 0.00	63.49 -2.99 0.00	61.67 -2.77 0.00	55.92 -2.21 0.00	52.88 -1.36 0.00	49.54 -0.50 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	52.03 2.90 0.00	50.16 2.75 0.00	46.16 2.49 0.00	44.38 2.23 0.00	43.72 2.20 0.00	46.42 2.38 0.00	56.48 3.30 0.00	61.67 3.71 0.00	59.67 3.85 0.00	56.10 3.77 0.00	54.84 3.68 0.00	52.16 3.55 0.00	49.96 3.40 0.00	50.07 3.41 0.00	53.37 3.58 0.00	58.56 3.83 0.00	71.00 4.40 0.00	84.76 5.40 0.00	76.93 5.10 0.00	71.21 4.72 0.00	68.89 4.45 0.00	62.14 4.01 0.00	57.76 3.53 0.00	53.09 3.05 0.00
PEEKSKILL___ 23653	51.53 2.41 0.00	49.64 2.23 0.00	45.63 1.97 0.00	43.96 1.81 0.00	43.26 1.74 0.00	45.98 1.94 0.00	55.89 2.71 0.00	60.98 3.01 0.00	59.00 3.18 0.00	55.52 3.19 0.00	54.33 3.17 0.00	51.77 3.16 0.00	49.59 3.02 0.00	49.70 3.03 0.00	52.92 3.14 0.00	58.02 3.28 0.00	70.27 3.66 0.00	83.80 4.44 0.00	76.07 4.24 0.00	70.34 3.85 0.00	68.12 3.67 0.00	61.45 3.31 0.00	57.16 2.93 0.00	52.54 2.50 0.00
PGE MADISON___WINDPWR 24146	52.52 3.39 0.00	50.64 3.22 0.00	46.46 2.79 0.00	44.97 2.82 0.00	44.17 2.66 0.00	46.91 2.86 0.00	56.74 3.56 0.00	62.20 4.23 0.00	59.50 3.68 0.00	55.57 3.24 0.00	53.76 2.61 0.00	50.94 2.33 0.00	48.75 2.19 0.00	48.91 2.24 0.00	51.97 2.19 0.00	57.80 3.07 0.00	71.07 4.46 0.00	85.55 6.19 0.00	77.36 5.53 0.00	71.54 5.05 0.00	69.41 4.96 0.00	62.26 4.13 0.00	58.14 3.90 0.00	53.79 3.75 0.00

PIERCEFIELD___HYD 23852	48.44 -0.69 0.00	46.99 -0.43 0.00	43.49 -0.17 0.00	41.77 -0.38 0.00	41.10 -0.42 0.00	43.17 -0.88 0.00	51.64 -1.54 0.00	56.17 -1.80 0.00	53.59 -2.23 0.00	50.29 -2.04 0.00	49.26 -1.89 0.00	46.81 -1.80 0.00	44.88 -1.68 0.00	45.03 -1.63 0.00	47.99 -1.79 0.00	52.54 -2.19 0.00	63.74 -2.86 0.00	75.95 -3.41 0.00	69.03 -2.80 0.00	64.36 -2.13 0.00	63.29 -1.16 0.00	56.97 -1.16 0.00	53.31 -0.92 0.00	49.84 -0.20 0.00
PINELAWN_CC_1 323563	53.35 4.23 0.00	50.92 3.51 0.00	46.77 3.10 0.00	45.01 2.87 0.00	44.30 2.78 0.00	47.13 3.08 0.00	57.54 4.36 0.00	61.85 3.88 0.00	60.29 4.47 0.00	57.57 5.23 -0.01	56.23 5.07 -0.01	53.48 4.86 -0.01	51.23 4.66 -0.01	51.34 4.67 -0.01	54.82 5.03 -0.01	60.00 5.25 -0.01	71.94 5.33 0.00	85.23 5.87 0.00	78.08 6.25 0.00	72.07 5.59 0.00	68.96 4.51 0.00	62.38 4.24 0.00	58.68 4.45 0.00	54.39 4.35 0.00
PJM_GEN_HTTP_PROXY 323702	51.83 2.70 0.00	49.88 2.46 0.00	45.85 2.18 0.00	44.17 2.02 0.00	43.47 1.95 0.00	46.20 2.16 0.00	56.21 3.03 0.00	61.38 3.42 0.00	59.45 3.63 0.00	55.99 3.66 0.00	54.74 3.58 0.00	52.21 3.60 0.00	50.01 3.45 0.00	50.07 3.40 0.00	53.37 3.59 0.00	58.51 3.77 0.00	70.74 4.13 0.00	84.45 5.08 0.00	76.57 4.74 0.00	70.87 4.39 0.00	68.63 4.19 0.00	61.86 3.72 0.00	57.54 3.31 0.00	52.89 2.85 0.00
PJM_GEN_KEystone 24065	49.82 0.69 0.00	47.94 0.52 0.00	44.06 0.39 0.00	42.48 0.34 0.00	41.85 0.33 0.00	44.62 0.57 0.00	53.66 0.48 0.00	58.37 0.41 0.00	56.10 0.28 0.00	53.01 0.68 0.00	52.12 0.97 0.00	49.58 0.97 0.00	47.40 0.84 0.00	47.60 0.93 0.00	50.48 0.70 0.00	55.12 0.39 0.00	66.74 0.13 0.00	79.76 0.40 0.00	71.98 0.14 0.00	66.62 0.13 0.00	64.58 0.13 0.00	58.37 0.23 0.00	54.56 0.33 0.00	50.64 0.60 0.00
PJM_GEN_NEPTUNE_PROXY 323594	52.67 3.54 0.00	50.35 2.94 0.00	46.24 2.58 0.00	44.50 2.36 0.00	43.80 2.28 0.00	46.60 2.55 0.00	56.80 3.62 0.00	61.15 3.19 0.00	59.62 3.80 0.00	56.89 4.55 -0.01	55.51 4.35 -0.01	52.80 4.18 -0.01	50.57 4.00 -0.01	50.69 4.01 -0.01	54.02 4.23 -0.01	59.17 4.43 -0.01	70.93 4.33 0.00	84.12 4.76 0.00	76.93 5.10 0.00	71.07 4.58 0.00	68.12 3.67 0.00	61.62 3.49 0.00	57.92 3.69 0.00	53.69 3.65 0.00
PJM_GEN_VFT_PROXY 323633	51.68 2.55 0.00	49.74 2.32 0.00	45.68 2.01 0.00	44.04 1.90 0.00	43.34 1.82 0.00	46.07 2.03 0.00	56.05 2.87 0.00	61.21 3.24 0.00	59.34 3.52 0.00	55.89 3.56 0.00	54.68 3.53 0.00	52.11 3.50 0.00	49.96 3.40 0.00	50.03 3.36 0.00	53.27 3.48 0.00	58.40 3.67 0.00	70.54 3.93 0.00	84.20 4.84 0.00	76.36 4.53 0.00	70.68 4.19 0.00	68.51 4.06 0.00	61.74 3.61 0.00	57.43 3.20 0.00	52.74 2.70 0.00
PLATSBURG_115KV_PMLD1 355749	48.34 -0.79 0.00	46.94 -0.47 0.00	43.54 -0.13 0.00	41.81 -0.34 0.00	41.22 -0.29 0.00	43.47 -0.57 0.00	52.38 -0.80 0.00	56.92 -1.04 0.00	54.37 -1.45 0.00	51.07 -1.26 0.00	50.08 -1.07 0.00	47.54 -1.07 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	48.64 -1.14 0.00	53.09 -1.64 0.00	64.61 -2.00 0.00	77.14 -2.22 0.00	70.25 -1.58 0.00	65.49 -1.00 0.00	64.06 -0.39 0.00	57.49 -0.64 0.00	53.53 -0.71 0.00	49.89 -0.15 0.00
PLEASANTVLY___LBMP 24000	51.14 2.01 0.00	49.31 1.90 0.00	45.37 1.70 0.00	43.70 1.56 0.00	43.05 1.54 0.00	45.68 1.63 0.00	55.52 2.34 0.00	60.57 2.61 0.00	58.55 2.74 0.00	55.05 2.72 0.00	53.82 2.66 0.00	51.23 2.62 0.00	49.12 2.56 0.00	49.19 2.52 0.00	52.47 2.69 0.00	57.52 2.79 0.00	69.74 3.13 0.00	83.17 3.81 0.00	75.42 3.59 0.00	69.81 3.32 0.00	67.60 3.16 0.00	60.98 2.85 0.00	56.73 2.49 0.00	52.14 2.10 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.63 2.51 0.00	49.74 2.32 0.00	45.72 2.05 0.00	44.04 1.90 0.00	43.38 1.87 0.00	46.07 2.03 0.00	56.00 2.82 0.00	61.09 3.13 0.00	59.11 3.29 0.00	55.63 3.30 0.00	54.38 3.22 0.00	51.82 3.21 0.00	49.68 3.12 0.00	49.75 3.08 0.00	53.02 3.24 0.00	58.13 3.39 0.00	70.47 3.86 0.00	84.04 4.68 0.00	76.21 4.38 0.00	70.54 4.06 0.00	68.31 3.87 0.00	61.56 3.43 0.00	57.27 3.04 0.00	52.64 2.60 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.63 2.51 0.00	49.74 2.32 0.00	45.72 2.05 0.00	44.04 1.90 0.00	43.38 1.87 0.00	46.07 2.03 0.00	56.00 2.82 0.00	61.09 3.13 0.00	59.11 3.29 0.00	55.63 3.30 0.00	54.38 3.22 0.00	51.82 3.21 0.00	49.68 3.12 0.00	49.75 3.08 0.00	53.02 3.24 0.00	58.13 3.39 0.00	70.47 3.86 0.00	84.04 4.68 0.00	76.21 4.38 0.00	70.54 4.06 0.00	68.31 3.87 0.00	61.56 3.43 0.00	57.27 3.04 0.00	52.64 2.60 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.54 2.41 0.00	49.69 2.28 0.00	45.68 2.01 0.00	44.00 1.85 0.00	43.34 1.83 0.00	46.03 1.98 0.00	55.94 2.77 0.00	61.04 3.07 0.00	59.06 3.24 0.00	55.47 3.14 0.00	54.12 2.97 0.00	51.43 2.82 0.00	49.31 2.75 0.00	49.37 2.71 0.00	52.67 2.89 0.00	57.85 3.12 0.00	70.27 3.66 0.00	83.89 4.52 0.00	76.00 4.17 0.00	70.34 3.86 0.00	68.05 3.61 0.00	61.45 3.31 0.00	57.16 2.93 0.00	52.59 2.55 0.00
POLETTI_____ 23519	51.34 2.21 0.00	49.36 1.94 0.00	45.37 1.70 0.00	43.70 1.56 0.00	42.97 1.45 0.00	45.68 1.63 0.00	55.63 2.45 0.00	60.63 2.67 0.00	58.83 3.01 0.00	55.52 3.19 0.00	54.22 3.07 0.00	51.82 3.21 0.00	49.73 3.17 0.00	49.75 3.08 0.00	53.02 3.24 0.00	58.13 3.39 0.00	69.80 3.20 0.00	83.41 4.05 0.00	75.64 3.81 0.00	70.07 3.59 0.00	67.93 3.48 0.00	61.27 3.14 0.00	57.05 2.82 0.00	52.34 2.30 0.00
POMONA___ESR 323819	51.49 2.36 0.00	49.60 2.18 0.00	45.59 1.92 0.00	43.91 1.77 0.00	43.26 1.74 0.00	45.98 1.94 0.00	55.89 2.71 0.00	60.98 3.01 0.00	59.00 3.18 0.00	55.52 3.19 0.00	54.33 3.17 0.00	51.72 3.11 0.00	49.59 3.02 0.00	49.65 2.99 0.00	52.92 3.14 0.00	57.96 3.23 0.00	70.27 3.66 0.00	83.80 4.44 0.00	76.00 4.16 0.00	70.34 3.85 0.00	68.12 3.67 0.00	61.45 3.31 0.00	57.11 2.87 0.00	52.54 2.50 0.00
PORT_JEFF_3 23555	53.30 4.17 0.00	50.87 3.46 0.00	46.72 3.06 0.00	44.97 2.82 0.00	44.25 2.74 0.00	47.08 3.04 0.00	57.43 4.26 0.00	61.62 3.65 0.00	60.12 4.30 0.00	57.52 5.18 -0.01	56.23 5.07 -0.01	53.48 4.86 -0.01	51.23 4.66 -0.01	51.39 4.71 -0.01	54.87 5.08 -0.01	60.00 5.25 -0.01	71.34 4.73 0.00	84.04 4.68 0.00	77.36 5.53 0.00	71.47 4.99 0.00	68.25 3.80 0.00	62.03 3.90 0.00	58.47 4.23 0.00	54.29 4.25 0.00
PORT_JEFF_4 23616	53.30 4.17 0.00	50.87 3.46 0.00	46.72 3.06 0.00	44.97 2.82 0.00	44.25 2.74 0.00	47.08 3.04 0.00	57.43 4.26 0.00	61.62 3.65 0.00	60.12 4.30 0.00	57.52 5.18 -0.01	56.23 5.07 -0.01	53.48 4.86 -0.01	51.23 4.66 -0.01	51.39 4.71 -0.01	54.87 5.08 -0.01	60.00 5.25 -0.01	71.34 4.73 0.00	84.04 4.68 0.00	77.36 5.53 0.00	71.47 4.99 0.00	68.25 3.80 0.00	62.03 3.90 0.00	58.47 4.23 0.00	54.29 4.25 0.00

PORT_JEFF_IC 23713	53.40 4.27 0.00	50.92 3.51 0.00	46.81 3.14 0.00	45.01 2.87 0.00	44.30 2.78 0.00	47.17 3.13 0.00	57.59 4.41 0.00	61.73 3.77 0.00	60.23 4.41 0.00	57.67 5.34 -0.01	56.33 5.17 -0.01	53.57 4.96 -0.01	51.37 4.80 -0.01	51.48 4.81 -0.01	55.02 5.23 -0.01	60.16 5.42 -0.01	71.60 5.00 0.00	85.39 6.03 0.00	77.65 5.82 0.00	71.87 5.39 0.00	68.70 4.25 0.00	62.20 4.07 0.00	58.57 4.34 0.00	54.34 4.30 0.00
PPL PILGRIM_ST_GT1 24216	53.89 4.76 0.00	51.40 3.98 0.00	47.20 3.54 0.00	45.39 3.25 0.00	44.71 3.20 0.00	47.57 3.53 0.00	58.07 4.89 0.00	62.31 4.35 0.00	60.79 4.97 0.00	58.15 5.81 -0.01	56.79 5.63 -0.01	54.01 5.39 -0.01	51.78 5.21 -0.01	51.90 5.23 -0.01	55.41 5.62 -0.01	60.54 5.80 -0.01	72.53 5.93 0.00	85.95 6.58 0.00	78.73 6.90 0.00	72.67 6.18 0.00	69.48 5.03 0.00	62.84 4.71 0.00	59.17 4.93 0.00	54.89 4.85 0.00
PPL PILGRIM_ST_GT2 24217	53.89 4.76 0.00	51.40 3.98 0.00	47.20 3.54 0.00	45.39 3.25 0.00	44.71 3.20 0.00	47.57 3.53 0.00	58.07 4.89 0.00	62.31 4.35 0.00	60.79 4.97 0.00	58.15 5.81 -0.01	56.79 5.63 -0.01	54.01 5.39 -0.01	51.78 5.21 -0.01	51.90 5.23 -0.01	55.41 5.62 -0.01	60.54 5.80 -0.01	72.53 5.93 0.00	85.95 6.58 0.00	78.73 6.90 0.00	72.67 6.18 0.00	69.48 5.03 0.00	62.84 4.71 0.00	59.17 4.93 0.00	54.89 4.85 0.00
PPL_SHRM_GT3 24213	53.70 4.57 0.00	51.25 3.84 0.00	47.08 3.41 0.00	45.35 3.20 0.00	44.59 3.07 0.00	47.48 3.44 0.00	57.80 4.62 0.00	61.96 4.00 0.00	60.40 4.58 0.00	57.88 5.54 -0.01	56.53 5.37 -0.01	53.82 5.20 -0.01	51.55 4.98 -0.01	51.67 5.00 -0.01	55.27 5.48 -0.01	60.49 5.75 -0.01	72.27 5.66 0.00	85.39 6.03 0.00	78.44 6.60 0.00	72.40 5.92 0.00	69.02 4.58 0.00	62.55 4.42 0.00	58.73 4.50 0.00	54.64 4.60 0.00
PPL_SHRM_GT4 24214	53.70 4.57 0.00	51.25 3.84 0.00	47.08 3.41 0.00	45.35 3.20 0.00	44.59 3.07 0.00	47.48 3.44 0.00	57.80 4.62 0.00	61.96 4.00 0.00	60.40 4.58 0.00	57.88 5.54 -0.01	56.53 5.37 -0.01	53.82 5.20 -0.01	51.55 4.98 -0.01	51.67 5.00 -0.01	55.27 5.48 -0.01	60.49 5.75 -0.01	72.27 5.66 0.00	85.39 6.03 0.00	78.44 6.60 0.00	72.40 5.92 0.00	69.02 4.58 0.00	62.55 4.42 0.00	58.73 4.50 0.00	54.64 4.60 0.00
PROJECT___ORANGE 1 24174	48.39 -0.74 0.00	46.65 -0.76 0.00	42.88 -0.79 0.00	41.47 -0.67 0.00	40.85 -0.66 0.00	43.39 -0.66 0.00	52.27 -0.90 0.00	56.92 -1.04 0.00	54.76 -1.06 0.00	51.44 -0.89 0.00	50.34 -0.82 0.00	47.83 -0.78 0.00	45.82 -0.74 0.00	45.97 -0.70 0.00	48.94 -0.85 0.00	53.75 -0.99 0.00	65.41 -1.20 0.00	77.93 -1.43 0.00	70.40 -1.44 0.00	65.15 -1.33 0.00	63.16 -1.29 0.00	57.03 -1.10 0.00	53.31 -0.92 0.00	49.24 -0.80 0.00
PROJECT___ORANGE 2 24166	48.39 -0.74 0.00	46.65 -0.76 0.00	42.88 -0.79 0.00	41.47 -0.67 0.00	40.85 -0.66 0.00	43.39 -0.66 0.00	52.27 -0.90 0.00	56.92 -1.04 0.00	54.76 -1.06 0.00	51.44 -0.89 0.00	50.34 -0.82 0.00	47.83 -0.78 0.00	45.82 -0.74 0.00	45.97 -0.70 0.00	48.94 -0.85 0.00	53.75 -0.99 0.00	65.41 -1.20 0.00	77.93 -1.43 0.00	70.40 -1.44 0.00	65.15 -1.33 0.00	63.16 -1.29 0.00	57.03 -1.10 0.00	53.31 -0.92 0.00	49.24 -0.80 0.00
PUCKETT___SOLAR 323809	50.16 1.03 0.00	48.31 0.90 0.00	44.45 0.79 0.00	42.94 0.80 0.00	42.26 0.75 0.00	44.93 0.88 0.00	54.14 0.96 0.00	59.01 1.04 0.00	56.54 0.72 0.00	53.06 0.73 0.00	51.82 0.66 0.00	49.19 0.59 0.00	47.07 0.51 0.00	47.27 0.61 0.00	50.28 0.50 0.00	55.34 0.60 0.00	67.54 0.93 0.00	80.79 1.43 0.00	72.98 1.15 0.00	67.55 1.06 0.00	65.54 1.09 0.00	59.06 0.93 0.00	55.15 0.92 0.00	51.09 1.05 0.00
PYRITES___HYD 24023	49.28 0.15 0.00	47.79 0.38 0.00	44.24 0.57 0.00	42.52 0.38 0.00	41.81 0.29 0.00	43.96 -0.09 0.00	52.70 -0.48 0.00	57.38 -0.58 0.00	54.54 -1.28 0.00	51.07 -1.26 0.00	49.88 -1.28 0.00	47.34 -1.26 0.00	45.40 -1.16 0.00	45.55 -1.12 0.00	48.54 -1.24 0.00	53.20 -1.53 0.00	64.88 -1.73 0.00	77.62 -1.75 0.00	70.68 -1.15 0.00	65.89 -0.60 0.00	64.70 0.26 0.00	58.13 0.00 0.00	54.29 0.05 0.00	50.74 0.70 0.00
QUAKERRD_115KV_BK1 80622	47.65 -1.47 0.00	45.75 -1.66 0.00	41.96 -1.70 0.00	40.63 -1.52 0.00	39.98 -1.54 0.00	42.68 -1.37 0.00	50.89 -2.29 0.00	55.24 -2.72 0.00	53.08 -2.74 0.00	50.03 -2.30 0.00	49.31 -1.84 0.00	46.86 -1.75 0.00	44.79 -1.77 0.00	44.94 -1.73 0.00	47.79 -1.99 0.00	52.32 -2.41 0.00	63.54 -3.06 0.00	76.03 -3.33 0.00	68.31 -3.52 0.00	63.23 -3.26 0.00	61.29 -3.16 0.00	55.46 -2.67 0.00	52.12 -2.12 0.00	48.34 -1.70 0.00
QUENSBRY_115KV_TB8 356137	52.57 3.44 0.00	50.83 3.41 0.00	46.81 3.14 0.00	45.14 2.99 0.00	44.42 2.91 0.00	47.31 3.26 0.00	57.11 3.94 0.00	62.49 4.52 0.00	60.06 4.24 0.00	56.04 3.72 0.00	54.58 3.43 0.00	51.62 3.01 0.00	49.35 2.79 0.00	49.23 2.57 0.00	52.62 2.84 0.00	58.40 3.67 0.00	71.67 5.06 0.00	85.47 6.11 0.00	77.58 5.75 0.00	71.40 4.92 0.00	69.47 5.03 0.00	62.55 4.42 0.00	58.30 4.07 0.00	53.59 3.55 0.00
RAMAPO___LBMP 323565	51.29 2.16 0.00	49.40 1.99 0.00	45.46 1.79 0.00	43.79 1.64 0.00	43.09 1.58 0.00	45.81 1.76 0.00	55.68 2.50 0.00	60.75 2.78 0.00	58.72 2.90 0.00	55.31 2.98 0.00	54.12 2.97 0.00	51.52 2.92 0.00	49.35 2.79 0.00	49.47 2.80 0.00	52.67 2.89 0.00	57.74 3.01 0.00	69.94 3.33 0.00	83.49 4.13 0.00	75.64 3.81 0.00	70.01 3.52 0.00	67.80 3.35 0.00	61.16 3.02 0.00	56.89 2.66 0.00	52.29 2.25 0.00
RANKINE____ 23646	49.28 0.15 0.00	47.13 -0.28 0.00	43.23 -0.44 0.00	41.89 -0.25 0.00	41.22 -0.29 0.00	44.22 0.18 0.00	51.96 -1.22 0.00	56.17 -1.80 0.00	53.64 -2.18 0.00	50.81 -1.52 0.00	50.49 -0.67 0.00	47.88 -0.73 0.00	45.72 -0.84 0.00	46.01 -0.65 0.00	48.59 -1.19 0.00	52.82 -1.92 0.00	63.68 -2.93 0.00	76.35 -3.02 0.00	68.60 -3.23 0.00	63.29 -3.19 0.00	61.48 -2.96 0.00	55.81 -2.33 0.00	52.82 -1.41 0.00	49.59 -0.45 0.00
RAVENSWOOD_GT2_1 24244	51.93 2.80 0.00	49.97 2.56 0.00	45.94 2.27 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.32 3.14 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.10 3.77 0.00	54.84 3.68 0.00	52.25 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.62 3.89 0.00	70.80 4.20 0.00	84.60 5.24 0.00	76.72 4.88 0.00	71.01 4.52 0.00	68.76 4.32 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00
RAVENSWOOD_GT2_2 24245	51.93 2.80 0.00	49.97 2.56 0.00	45.94 2.27 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.32 3.14 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.10 3.77 0.00	54.84 3.68 0.00	52.25 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.62 3.89 0.00	70.80 4.20 0.00	84.60 5.24 0.00	76.72 4.88 0.00	71.01 4.52 0.00	68.76 4.32 0.00	61.97 3.84 0.00	57.65 3.42 0.00	52.94 2.90 0.00



RAVENSWOOD_GT2_3 24246	51.98 2.85 0.00	49.97 2.56 0.00	45.98 2.31 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.37 3.19 0.00	61.50 3.54 0.00	59.56 3.74 0.00	56.10 3.77 0.00	54.89 3.73 0.00	52.30 3.69 0.00	50.10 3.54 0.00	50.21 3.55 0.00	53.52 3.73 0.00	58.62 3.89 0.00	70.87 4.26 0.00	84.68 5.32 0.00	76.72 4.88 0.00	71.01 4.52 0.00	68.83 4.38 0.00	62.03 3.89 0.00	57.70 3.47 0.00	52.99 2.95 0.00
RAVENSWOOD_GT2_4 24247	51.98 2.85 0.00	49.97 2.56 0.00	45.98 2.31 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.37 3.19 0.00	61.50 3.54 0.00	59.56 3.74 0.00	56.10 3.77 0.00	54.89 3.73 0.00	52.30 3.69 0.00	50.10 3.54 0.00	50.21 3.55 0.00	53.52 3.73 0.00	58.62 3.89 0.00	70.87 4.26 0.00	84.68 5.32 0.00	76.72 4.88 0.00	71.01 4.52 0.00	68.83 4.38 0.00	62.03 3.89 0.00	57.70 3.47 0.00	52.99 2.95 0.00
RAVENSWOOD_GT3_1 24248	51.93 2.80 0.00	49.97 2.56 0.00	45.94 2.27 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.32 3.14 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.10 3.77 0.00	54.84 3.68 0.00	52.30 3.69 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.62 3.89 0.00	70.87 4.26 0.00	84.60 5.24 0.00	76.72 4.88 0.00	71.01 4.52 0.00	68.76 4.32 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
RAVENSWOOD_GT3_2 24249	51.93 2.80 0.00	49.97 2.56 0.00	45.94 2.27 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.29 2.25 0.00	56.32 3.14 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.10 3.77 0.00	54.84 3.68 0.00	52.30 3.69 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.62 3.89 0.00	70.87 4.26 0.00	84.60 5.24 0.00	76.72 4.88 0.00	71.01 4.52 0.00	68.76 4.32 0.00	61.97 3.84 0.00	57.70 3.47 0.00	52.94 2.90 0.00
RAVENSWOOD_GT3_3 24250	52.03 2.90 0.00	50.02 2.61 0.00	45.98 2.31 0.00	44.29 2.15 0.00	43.59 2.08 0.00	46.34 2.29 0.00	56.37 3.19 0.00	61.56 3.59 0.00	59.62 3.80 0.00	56.15 3.82 0.00	54.94 3.79 0.00	52.35 3.74 0.00	50.15 3.59 0.00	50.26 3.59 0.00	53.56 3.78 0.00	58.67 3.94 0.00	70.94 4.33 0.00	84.76 5.40 0.00	76.79 4.96 0.00	71.07 4.59 0.00	68.89 4.45 0.00	62.09 3.95 0.00	57.76 3.53 0.00	53.04 3.00 0.00
RAVENSWOOD_GT3_4 24251	52.03 2.90 0.00	50.02 2.61 0.00	45.98 2.31 0.00	44.29 2.15 0.00	43.59 2.08 0.00	46.34 2.29 0.00	56.37 3.19 0.00	61.56 3.59 0.00	59.62 3.80 0.00	56.15 3.82 0.00	54.94 3.79 0.00	52.35 3.74 0.00	50.15 3.59 0.00	50.26 3.59 0.00	53.56 3.78 0.00	58.67 3.94 0.00	70.94 4.33 0.00	84.76 5.40 0.00	76.79 4.96 0.00	71.07 4.59 0.00	68.89 4.45 0.00	62.09 3.95 0.00	57.76 3.53 0.00	53.04 3.00 0.00
RAVENSWOOD_GT_1 23729	52.22 3.10 0.00	50.26 2.84 0.00	46.16 2.49 0.00	44.46 2.32 0.00	43.76 2.24 0.00	46.47 2.42 0.00	56.58 3.40 0.00	61.67 3.71 0.00	59.78 3.96 0.00	56.36 4.03 0.00	55.09 3.94 0.00	52.55 3.94 0.00	50.38 3.82 0.00	50.45 3.78 0.00	53.76 3.98 0.00	58.89 4.16 0.00	71.00 4.40 0.00	84.84 5.48 0.00	76.93 5.10 0.00	71.21 4.72 0.00	69.02 4.58 0.00	62.26 4.13 0.00	57.98 3.74 0.00	53.24 3.20 0.00
RAVENSWOOD_GT_10 24258	51.93 2.80 0.00	49.97 2.56 0.00	45.94 2.27 0.00	44.25 2.11 0.00	43.55 2.03 0.00	46.25 2.20 0.00	56.32 3.14 0.00	61.44 3.48 0.00	59.56 3.74 0.00	56.10 3.														

















V_F_30_NSYNC___DSASP 323816	51.58 2.46 0.00	49.88 2.47 0.00	46.03 2.36 0.00	44.34 2.19 0.00	43.67 2.16 0.00	46.42 2.38 0.00	56.10 2.92 0.00	61.21 3.25 0.00	58.89 3.07 0.00	54.89 2.56 0.00	53.51 2.35 0.00	50.70 2.09 0.00	48.52 1.96 0.00	48.53 1.87 0.00	51.92 2.14 0.00	57.52 2.79 0.00	70.40 3.80 0.00	83.81 4.44 0.00	76.00 4.17 0.00	70.07 3.59 0.00	67.99 3.54 0.00	61.27 3.14 0.00	57.11 2.87 0.00	52.54 2.50 0.00
V_F_30_SYNC_DSASP 323786	50.21 1.08 0.00	48.50 1.09 0.00	44.85 1.18 0.00	43.24 1.10 0.00	42.59 1.08 0.00	45.19 1.15 0.00	54.46 1.28 0.00	59.41 1.45 0.00	57.27 1.45 0.00	53.53 1.20 0.00	52.23 1.07 0.00	49.58 0.97 0.00	47.54 0.98 0.00	47.60 0.93 0.00	50.93 1.14 0.00	56.10 1.37 0.00	68.41 1.80 0.00	81.35 1.98 0.00	73.77 1.94 0.00	68.08 1.60 0.00	65.99 1.55 0.00	59.47 1.34 0.00	55.43 1.19 0.00	51.09 1.05 0.00
V_XM_10_SYNC_DSASP 323789	48.34 -0.79 0.00	46.94 -0.47 0.00	43.54 -0.13 0.00	41.81 -0.34 0.00	41.22 -0.29 0.00	43.47 -0.57 0.00	52.38 -0.80 0.00	56.92 -1.04 0.00	54.37 -1.45 0.00	51.07 -1.26 0.00	50.08 -1.07 0.00	47.54 -1.07 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	48.64 -1.14 0.00	53.09 -1.64 0.00	64.61 -2.00 0.00	77.14 -2.22 0.00	70.25 -1.58 0.00	65.49 -1.00 0.00	64.06 -0.39 0.00	57.49 -0.64 0.00	53.53 -0.71 0.00	49.89 -0.15 0.00
W.BABYLN_69_KV_BK1 56697	53.99 4.86 0.00	51.49 4.08 0.00	47.29 3.62 0.00	45.47 3.33 0.00	44.75 3.24 0.00	47.61 3.57 0.00	58.18 5.00 0.00	62.49 4.52 0.00	60.90 5.08 0.00	58.25 5.91 -0.01	56.94 5.78 -0.01	54.16 5.54 -0.01	51.93 5.35 -0.01	52.04 5.37 -0.01	55.57 5.77 -0.01	60.76 6.02 -0.01	72.87 6.26 0.00	87.06 7.70 0.00	79.16 7.33 0.00	73.20 6.71 0.00	69.99 5.54 0.00	63.13 5.00 0.00	59.39 5.15 0.00	54.99 4.95 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.68 2.55 0.00	49.78 2.37 0.00	45.76 2.10 0.00	44.08 1.94 0.00	43.38 1.87 0.00	46.12 2.07 0.00	56.05 2.87 0.00	61.21 3.25 0.00	59.22 3.40 0.00	55.78 3.45 0.00	54.53 3.38 0.00	51.86 3.26 0.00	49.73 3.17 0.00	49.84 3.17 0.00	53.07 3.29 0.00	58.18 3.45 0.00	70.47 3.86 0.00	84.12 4.76 0.00	76.29 4.45 0.00	70.61 4.12 0.00	68.38 3.93 0.00	61.68 3.55 0.00	57.32 3.09 0.00	52.69 2.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.88 2.75 0.00	49.93 2.51 0.00	45.94 2.27 0.00	44.21 2.07 0.00	43.55 2.03 0.00	46.25 2.20 0.00	56.32 3.14 0.00	61.44 3.48 0.00	59.50 3.68 0.00	56.04 3.72 0.00	54.84 3.68 0.00	52.25 3.65 0.00	50.10 3.54 0.00	50.17 3.50 0.00	53.47 3.68 0.00	58.56 3.83 0.00	70.87 4.26 0.00	84.60 5.24 0.00	76.72 4.88 0.00	70.94 4.45 0.00	68.76 4.32 0.00	61.97 3.84 0.00	57.60 3.36 0.00	52.89 2.85 0.00
W50THST__13_KV_LOAD 356117	52.08 2.95 0.00	50.12 2.70 0.00	46.07 2.40 0.00	44.38 2.23 0.00	43.67 2.16 0.00	46.42 2.38 0.00	56.48 3.30 0.00	61.67 3.71 0.00	59.73 3.91 0.00	56.31 3.98 0.00	55.04 3.89 0.00	52.45 3.84 0.00	50.29 3.72 0.00	50.35 3.69 0.00	53.66 3.88 0.00	58.78 4.05 0.00	71.14 4.53 0.00	84.92 5.56 0.00	77.00 5.17 0.00	71.27 4.79 0.00	69.02 4.58 0.00	62.20 4.07 0.00	57.81 3.58 0.00	53.09 3.05 0.00
WADING RIVER_IC_1 23522	53.70 4.57 0.00	51.25 3.84 0.00	47.12 3.45 0.00	45.35 3.20 0.00	44.63 3.12 0.00	47.53 3.48 0.00	57.86 4.68 0.00	61.96 4.00 0.00	60.40 4.58 0.00	57.88 5.54 -0.01	56.58 5.42 -0.01	53.87 5.25 -0.01	51.60 5.03 -0.01	51.72 5.04 -0.01	55.31 5.53 -0.01	60.54 5.80 -0.01	72.34 5.73 0.00	85.47 6.11 0.00	78.51 6.68 0.00	72.47 5.99 0.00	69.09 4.64 0.00	62.55 4.42 0.00	58.73 4.50 0.00	54.64 4.60 0.00
WADING RIVER_IC_2 23547	53.70 4.57 0.00	51.25 3.84 0.00	47.12 3.45 0.00	45.35 3.20 0.00	44.63 3.12 0.00	47.53 3.48 0.00	57.86 4.68 0.00	61.96 4.00 0.00	60.40 4.58 0.00	57.88 5.54 -0.01	56.58 5.42 -0.01	53.87 5.25 -0.01	51.60 5.03 -0.01	51.72 5.04 -0.01	55.31 5.53 -0.01	60.54 5.80 -0.01	72.34 5.73 0.00	85.47 6.11 0.00	78.51 6.68 0.00	72.47 5.99 0.00	69.09 4.64 0.00	62.55 4.42 0.00	58.73 4.50 0.00	54.64 4.60 0.00
WADING RIVER_IC_3 23601	53.70 4.57 0.00	51.25 3.84 0.00	47.12 3.45 0.00	45.35 3.20 0.00	44.63 3.12 0.00	47.53 3.48 0.00	57.86 4.68 0.00	61.96 4.00 0.00	60.40 4.58 0.00	57.88 5.54 -0.01	56.58 5.42 -0.01	53.87 5.25 -0.01	51.60 5.03 -0.01	51.72 5.04 -0.01	55.31 5.53 -0.01	60.54 5.80 -0.01	72.34 5.73 0.00	85.47 6.11 0.00	78.51 6.68 0.00	72.47 5.99 0.00	69.09 4.64 0.00	62.55 4.42 0.00	58.73 4.50 0.00	54.64 4.60 0.00
WALDENNY_12_KV_BK2 80841	49.37 0.25 0.00	47.13 -0.28 0.00	43.32 -0.35 0.00	41.98 -0.17 0.00	41.27 -0.25 0.00	44.31 0.26 0.00	51.96 -1.22 0.00	56.17 -1.80 0.00	53.59 -2.23 0.00	50.81 -1.52 0.00	50.49 -0.67 0.00	47.88 -0.73 0.00	45.72 -0.84 0.00	46.01 -0.65 0.00	48.59 -1.19 0.00	52.82 -1.92 0.00	63.68 -2.93 0.00	76.35 -3.02 0.00	68.60 -3.23 0.00	63.29 -3.19 0.00	61.48 -2.96 0.00	55.75 -2.38 0.00	52.82 -1.41 0.00	49.64 -0.40 0.00
WALDEN___HYDRO 24148	51.49 2.36 0.00	49.64 2.23 0.00	45.63 1.97 0.00	43.96 1.81 0.00	43.30 1.79 0.00	45.98 1.94 0.00	55.89 2.71 0.00	60.98 3.01 0.00	58.95 3.13 0.00	55.47 3.14 0.00	54.12 2.97 0.00	51.43 2.82 0.00	49.31 2.75 0.00	49.42 2.75 0.00	52.67 2.89 0.00	57.80 3.07 0.00	70.20 3.60 0.00	83.81 4.44 0.00	75.93 4.09 0.00	70.27 3.79 0.00	68.05 3.61 0.00	61.39 3.26 0.00	57.16 2.93 0.00	52.54 2.50 0.00
WARRENSBURG____ 23737	52.32 3.19 0.00	50.59 3.18 0.00	46.64 2.97 0.00	44.93 2.78 0.00	44.26 2.74 0.00	47.04 3.00 0.00	56.85 3.67 0.00	62.14 4.17 0.00	59.78 3.96 0.00	55.78 3.45 0.00	54.33 3.17 0.00	51.43 2.82 0.00	49.12 2.56 0.00	49.00 2.33 0.00	52.42 2.64 0.00	58.13 3.39 0.00	71.27 4.66 0.00	85.00 5.63 0.00	77.15 5.32 0.00	71.01 4.52 0.00	69.09 4.64 0.00	62.20 4.07 0.00	57.98 3.74 0.00	53.34 3.30 0.00
WATERSIDE___6 8 9 23538	52.17 3.05 0.00	50.16 2.75 0.00	46.11 2.45 0.00	44.42 2.28 0.00	43.72 2.20 0.00	46.42 2.38 0.00	56.53 3.35 0.00	61.62 3.65 0.00	59.73 3.91 0.00	56.31 3.98 0.00	55.04 3.89 0.00	52.50 3.89 0.00	50.29 3.72 0.00	50.40 3.73 0.00	53.71 3.93 0.00	58.84 4.10 0.00	71.00 4.40 0.00	84.76 5.40 0.00	76.86 5.03 0.00	71.14 4.65 0.00	69.02 4.58 0.00	62.20 4.07 0.00	57.92 3.69 0.00	53.19 3.15 0.00
WATKINRD_115KV_LN8_ILLION 55919	50.45 1.33 0.00	48.74 1.33 0.00	44.89 1.22 0.00	43.37 1.22 0.00	42.72 1.20 0.00	45.32 1.28 0.00	54.72 1.54 0.00	59.70 1.74 0.00	57.49 1.67 0.00	53.85 1.52 0.00	52.59 1.43 0.00	49.92 1.31 0.00	47.77 1.21 0.00	47.88 1.21 0.00	51.08 1.29 0.00	56.21 1.48 0.00	68.47 1.87 0.00	81.58 2.22 0.00	73.92 2.08 0.00	68.41 1.93 0.00	66.38 1.93 0.00	59.88 1.74 0.00	55.86 1.63 0.00	51.59 1.55 0.00

WDELAWARE___HYD 323627	51.93 2.80 0.00	50.02 2.61 0.00	45.94 2.27 0.00	44.25 2.11 0.00	43.59 2.07 0.00	46.34 2.29 0.00	56.32 3.14 0.00	61.50 3.54 0.00	59.45 3.63 0.00	55.78 3.45 0.00	54.33 3.17 0.00	51.52 2.92 0.00	49.40 2.84 0.00	49.51 2.85 0.00	52.82 3.04 0.00	58.07 3.34 0.00	70.67 4.06 0.00	84.45 5.08 0.00	76.57 4.74 0.00	70.87 4.39 0.00	68.63 4.19 0.00	61.97 3.84 0.00	57.71 3.47 0.00	53.09 3.05 0.00
WEST BABYLON___IC 23714	53.99 4.86 0.00	51.49 4.08 0.00	47.29 3.62 0.00	45.47 3.33 0.00	44.75 3.24 0.00	47.61 3.57 0.00	58.18 5.00 0.00	62.49 4.52 0.00	60.90 5.08 0.00	58.25 5.91 -0.01	56.94 5.78 -0.01	54.16 5.54 -0.01	51.93 5.35 -0.01	52.04 5.37 -0.01	55.57 5.77 -0.01	60.76 6.02 -0.01	72.87 6.26 0.00	87.06 7.70 0.00	79.16 7.33 0.00	73.20 6.71 0.00	69.99 5.54 0.00	63.13 5.00 0.00	59.39 5.15 0.00	54.99 4.95 0.00
WEST CANADA___HYD 24049	49.28 0.15 0.00	47.60 0.19 0.00	43.84 0.18 0.00	42.31 0.17 0.00	41.68 0.17 0.00	44.18 0.13 0.00	53.39 0.21 0.00	58.20 0.23 0.00	56.04 0.22 0.00	52.54 0.21 0.00	51.31 0.15 0.00	48.75 0.15 0.00	46.70 0.14 0.00	46.81 0.14 0.00	49.93 0.15 0.00	54.95 0.22 0.00	66.87 0.27 0.00	79.68 0.32 0.00	72.19 0.36 0.00	66.82 0.33 0.00	64.77 0.32 0.00	58.37 0.23 0.00	54.45 0.22 0.00	50.24 0.20 0.00
WESTERN_NY_WIND 24143	49.96 0.84 0.00	47.41 0.00 0.00	43.76 0.09 0.00	42.44 0.30 0.00	41.72 0.21 0.00	44.80 0.75 0.00	52.43 -0.74 0.00	56.51 -1.45 0.00	54.09 -1.73 0.00	51.02 -1.31 0.00	50.64 -0.51 0.00	48.07 -0.53 0.00	45.82 -0.74 0.00	46.01 -0.65 0.00	48.79 -1.00 0.00	53.15 -1.59 0.00	64.34 -2.26 0.00	77.38 -1.98 0.00	69.39 -2.44 0.00	64.22 -2.26 0.00	62.25 -2.19 0.00	56.45 -1.69 0.00	53.37 -0.87 0.00	50.09 0.05 0.00
WESTOVER___LESR 323668	49.47 0.34 0.00	47.65 0.24 0.00	43.80 0.13 0.00	42.36 0.21 0.00	41.72 0.21 0.00	44.35 0.31 0.00	53.34 0.16 0.00	58.08 0.12 0.00	55.71 -0.11 0.00	52.43 0.10 0.00	51.41 0.26 0.00	48.80 0.19 0.00	46.75 0.19 0.00	46.95 0.28 0.00	49.83 0.05 0.00	54.62 -0.11 0.00	66.47 -0.13 0.00	79.36 0.00 0.00	71.62 -0.22 0.00	66.35 -0.13 0.00	64.32 -0.13 0.00	58.08 -0.06 0.00	54.29 0.05 0.00	50.29 0.25 0.00
WETHRSFD_WT_PWR 323626	49.28 0.15 0.00	47.22 -0.19 0.00	43.36 -0.30 0.00	41.98 -0.17 0.00	41.31 -0.21 0.00	44.27 0.22 0.00	52.27 -0.90 0.00	56.52 -1.45 0.00	53.92 -1.90 0.00	51.02 -1.31 0.00	50.33 -0.82 0.00	47.78 -0.83 0.00	45.67 -0.89 0.00	45.97 -0.70 0.00	48.64 -1.14 0.00	52.98 -1.75 0.00	64.08 -2.53 0.00	76.90 -2.46 0.00	69.10 -2.73 0.00	63.89 -2.59 0.00	62.06 -2.38 0.00	56.22 -1.92 0.00	53.09 -1.14 0.00	49.74 -0.30 0.00
WHAVSTOR_138KV_BK127 55557	51.39 2.26 0.00	49.50 2.09 0.00	45.55 1.88 0.00	43.87 1.73 0.00	43.18 1.66 0.00	45.90 1.85 0.00	55.78 2.61 0.00	60.86 2.90 0.00	58.89 3.07 0.00	55.47 3.14 0.00	54.22 3.07 0.00	51.67 3.06 0.00	49.49 2.93 0.00	49.61 2.94 0.00	52.82 3.04 0.00	57.85 3.12 0.00	70.14 3.53 0.00	83.65 4.29 0.00	75.86 4.02 0.00	70.21 3.72 0.00	67.99 3.54 0.00	61.33 3.20 0.00	57.00 2.77 0.00	52.44 2.40 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.39 2.26 0.00	49.50 2.09 0.00	45.55 1.88 0.00	43.87 1.73 0.00	43.18 1.66 0.00	45.90 1.85 0.00	55.78 2.61 0.00	60.86 2.90 0.00	58.89 3.07 0.00	55.47 3.14 0.00	54.22 3.07 0.00	51.67 3.06 0.00	49.49 2.93 0.00	49.61 2.94 0.00	52.82 3.04 0.00	57.85 3.12 0.00	70.14 3.53 0.00	83.65 4.29 0.00	75.86 4.02 0.00	70.21 3.72 0.00	67.99 3.54 0.00	61.33 3.20 0.00	57.00 2.77 0.00	52.44 2.40 0.00
WHITEHAL_115KV_TB1 80871	53.25 4.13 0.00	51.49 4.08 0.00	47.42 3.76 0.00	45.68 3.54 0.00	44.96 3.45 0.00	47.88 3.83 0.00	57.86 4.68 0.00	63.30 5.33 0.00	60.73 4.91 0.00	56.62 4.29 0.00	55.09 3.94 0.00	52.06 3.45 0.00	49.73 3.17 0.00	49.56 2.89 0.00	53.02 3.24 0.00	58.95 4.21 0.00	72.54 5.93 0.00	86.74 7.38 0.00	78.80 6.97 0.00	72.47 5.98 0.00	70.50 6.06 0.00	63.42 5.29 0.00	59.11 4.88 0.00	54.29 4.25 0.00
WHITEPLN_13_KV_LOAD 356215	52.03 2.90 0.00	50.12 2.70 0.00	46.07 2.40 0.00	44.42 2.28 0.00	43.67 2.16 0.00	46.38 2.33 0.00	56.42 3.24 0.00	61.56 3.59 0.00	59.56 3.74 0.00	56.10 3.77 0.00	54.84 3.68 0.00	52.25 3.65 0.00	50.10 3.54 0.00	50.12 3.45 0.00	53.42 3.63 0.00	58.62 3.89 0.00	71.14 4.53 0.00	84.92 5.56 0.00	77.00 5.17 0.00	71.21 4.72 0.00	68.96 4.51 0.00	62.14 4.01 0.00	57.70 3.47 0.00	53.04 3.00 0.00
WM_FLOYD_69_KV_BK2 356380	53.65 4.52 0.00	51.21 3.79 0.00	47.03 3.36 0.00	45.26 3.12 0.00	44.55 3.03 0.00	47.39 3.35 0.00	57.86 4.68 0.00	61.96 4.00 0.00	60.40 4.58 0.00	57.83 5.49 -0.01	56.48 5.32 -0.01	53.77 5.15 -0.01	51.51 4.94 -0.01	51.62 4.95 -0.01	55.17 5.38 -0.01	60.38 5.64 -0.01	72.20 5.60 0.00	86.11 6.75 0.00	78.37 6.54 0.00	72.47 5.98 0.00	69.15 4.70 0.00	62.49 4.36 0.00	58.73 4.50 0.00	54.54 4.50 0.00
WOODARD___115KV_TB2 355635	48.34 -0.79 0.00	46.56 -0.85 0.00	42.84 -0.83 0.00	41.39 -0.76 0.00	40.77 -0.75 0.00	43.30 -0.75 0.00	52.17 -1.01 0.00	56.80 -1.16 0.00	54.70 -1.12 0.00	51.33 -0.99 0.00	50.23 -0.92 0.00	47.73 -0.87 0.00	45.72 -0.84 0.00	45.87 -0.79 0.00	48.89 -0.90 0.00	53.69 -1.04 0.00	65.28 -1.33 0.00	77.85 -1.51 0.00	70.32 -1.51 0.00	65.09 -1.40 0.00	63.09 -1.35 0.00	56.97 -1.16 0.00	53.26 -0.98 0.00	49.19 -0.85 0.00
WOODMERE_69_KV_BK1 55827	53.70 4.57 0.00	51.30 3.89 0.00	47.12 3.45 0.00	45.35 3.20 0.00	44.59 3.07 0.00	47.44 3.39 0.00	57.91 4.73 0.00	62.31 4.35 0.00	60.68 4.86 0.00	57.94 5.60 -0.01	56.64 5.47 -0.01	53.92 5.30 -0.02	51.65 5.08 -0.02	51.72 5.04 -0.02	55.12 5.33 -0.01	60.44 5.69 -0.01	72.60 5.99 0.00	86.66 7.30 0.00	78.73 6.90 0.00	72.87 6.38 0.00	69.86 5.41 0.00	63.02 4.88 0.00	59.11 4.88 0.00	54.64 4.60 0.00
YORK___WARBASSE 23770	52.58 3.44 -0.01	50.55 3.13 -0.01	46.46 2.79 0.00	44.72 2.57 0.00	44.01 2.49 0.00	46.69 2.64 0.00	56.85 3.67 0.00	61.91 3.94 0.00	60.01 4.19 0.00	56.57 4.24 0.00	55.30 4.14 0.00	52.74 4.13 0.00	50.57 4.00 0.00	50.63 3.97 0.00	53.96 4.18 0.00	59.17 4.43 0.00	71.34 4.73 0.00	85.31 5.95 0.00	77.36 5.53 0.00	71.67 5.19 0.00	69.55 5.09 -0.01	62.67 4.53 0.00	58.36 4.12 -0.01	53.60 3.55 -0.01