

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion											
Generator Data																											07/30/2024		
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	31.71	29.00	26.88	25.35	25.27	26.83	30.07	31.86	33.62	36.36	38.41	39.63	42.41	45.55	47.42	52.96	59.06	64.13	60.91	52.10	46.69	41.50	37.41	35.40				
		2.27	1.97	1.78	1.68	1.61	1.80	2.18	2.39	2.63	2.88	2.88	3.10	3.25	3.30	3.39	4.10	4.42	4.48	3.98	3.63	3.13	3.04	2.41	2.50				
		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	-0.09	-0.09	0.00	0.00	0.00				
74TH STREET_GT_1	24260	31.74	28.97	26.81	25.26	25.20	26.68	29.90	31.86	33.62	36.36	38.41	39.67	42.41	45.55	47.42	52.96	59.00	64.07	60.86	52.10	46.73	41.46	37.63	35.57				
		2.30	1.95	1.71	1.59	1.54	1.65	2.01	2.39	2.63	2.88	2.88	3.14	3.25	3.30	3.39	4.10	4.37	4.41	3.93	3.63	3.17	3.00	2.63	2.67				
		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	-0.09	-0.09	0.00	0.00	0.00				
74TH STREET_GT_2	24261	31.74	28.97	26.81	25.26	25.20	26.68	29.90	31.86	33.62	36.36	38.41	39.67	42.41	45.55	47.42	52.96	59.00	64.07	60.86	52.10	46.73	41.46	37.63	35.57				
		2.30	1.95	1.71	1.59	1.54	1.65	2.01	2.39	2.63	2.88	2.88	3.14	3.25	3.30	3.39	4.10	4.37	4.41	3.93	3.63	3.17	3.00	2.63	2.67				
		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	-0.09	-0.09	0.00	0.00	0.00				
ADK HUDSON___FALLS	24011	31.62	29.00	26.83	25.26	25.25	26.78	29.85	31.51	33.19	35.89	37.63	38.90	41.78	44.83	46.89	52.17	58.57	64.61	62.39	54.19	48.98	42.19	37.87	35.44				
		2.18	1.97	1.73	1.59	1.59	1.75	1.95	2.03	2.20	2.41	2.10	2.37	2.62	2.58	2.86	3.32	3.93	4.95	5.47	4.84	4.52	3.73	2.87	2.53				
		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	-0.98	-0.99	0.00	0.00	0.00				
ADK RESOURCE___RCVRY	23798	31.80	29.22	27.01	25.45	25.44	27.01	30.10	31.78	33.37	36.09	37.84	39.12	42.02	45.13	47.20	52.52	58.95	65.09	62.96	54.68	49.42	42.61	38.12	35.64				
		2.36	2.19	1.91	1.78	1.78	1.98	2.20	2.30	2.39	2.61	2.31	2.59	2.86	2.87	3.17	3.67	4.32	5.43	6.03	5.32	4.95	4.15	3.11	2.73				
		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	-0.98	-1.00	0.00	0.00	0.00				
ADK S GLENS___FALLS	24028	31.62	29.00	26.83	25.26	25.25	26.78	29.85	31.51	33.19	35.89	37.63	38.90	41.78	44.83	46.89	52.17	58.57	64.61	62.39	54.19	48.98	42.19	37.87	35.44				
		2.18	1.97	1.73	1.59	1.59	1.75	1.95	2.03	2.20	2.41	2.10	2.37	2.62	2.58	2.86	3.32	3.93	4.95	5.47	4.84	4.52	3.73	2.87	2.53				
		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	-0.98	-0.99	0.00	0.00	0.00				
ADK_NYS___DAM	23527	31.15	28.57	26.56	25.04	25.01	26.51	29.54	31.13	32.63	35.16	37.34	38.42	41.16	44.24	46.15	51.34	57.86	63.30	60.46	52.20	46.94	41.00	37.03	34.91				
		1.71	1.54	1.46	1.37	1.35	1.48	1.65	1.65	1.64	1.67	1.81	1.90	2.00	1.99	2.11	2.49	3.22	3.64	3.53	3.10	2.74	2.54	2.03	2.01				
		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	-0.72	-0.73	0.00	0.00	0.00				
AIR_PRODUCTS___DRP	24190	29.97	27.46	25.50	24.05	24.04	25.38	28.29	29.92	31.42	33.95	35.96	37.04	39.71	42.68	44.56	49.59	55.56	60.85	58.01	49.97	44.88	39.30	35.60	33.56				
		0.53	0.43	0.40	0.38	0.38	0.35	0.39	0.44	0.43	0.47	0.43	0.51	0.55	0.42	0.53	0.73	0.93	1.19	1.08	1.06	0.87	0.85	0.60	0.66				
		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	-0.53	-0.54	0.00	0.00	0.00				
AKWESSNE_115KV_BK	355683	28.97	26.60	24.68	23.27	23.26	24.63	27.48	29.06	30.52	32.98	35.07	35.83	38.34	41.41	43.15	47.58	52.89	57.81	55.11	46.78	42.12	37.42	34.20	32.12				
		-0.47	-0.43	-0.43	-0.40	-0.40	-0.40	-0.42	-0.41	-0.46	-0.50	-0.46	-0.69	-0.82	-0.85	-0.88	-1.27	-1.75	-1.85	-1.82	-1.60	-1.35	-1.04	-0.81	-0.79				
		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	30.65	28.14	26.13	24.64	24.61	26.06	28.96	30.45	31.89	34.32	36.28	37.29	39.98	43.05	44.96	50.02	56.27	61.80	59.26	50.86	45.74	40.23	36.33	34.26				
		1.21	1.11	1.03	0.97	0.95	1.03	1.06	0.97	0.90	0.84	0.75	0.77	0.82	0.80	0.93	1.17	1.64	2.14	2.33	2.08	1.87	1.77	1.33	1.35				
		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	-0.40	-0.41	0.00	0.00	0.00				
ALBANY_2_SOLAR	323834	30.65	28.14	26.13	24.64	24.61	26.06	28.96	30.45	31.89	34.32	36.28	37.29	39.98	43.01	44.96	50.02	56.27	61.80	59.26	50.86	45.74	40.23	36.33	34.26				
		1.21	1.11	1.03	0.97	0.95	1.03	1.06	0.97	0.90	0.84	0.75	0.77	0.82	0.76	0.93	1.17	1.64	2.14	2.33	2.08	1.87	1.77	1.33	1.35				
		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	-0.40	-0.41	0.00	0.00	0.00				
ALBANY___1	23571	29.97	27.46	25.50	24.05	24.04	25.38	28.29	29.92	31.42	33.95	35.96	37.04	39.71	42.68	44.56	49.59	55.56	60.85	58.01	49.97	44.88	39.30	35.60	33.56				
		0.53	0.43	0.40	0.38	0.38	0.35	0.39	0.44	0.43	0.47	0.43	0.51	0.55	0.42	0.53	0.73	0.93	1.19	1.08	1.06	0.87	0.85	0.60	0.66				
		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	-0.53	-0.54	0.00	0.00	0.00				

ALBANY___2 23572	29.97 0.53 0.00	27.46 0.43 0.00	25.50 0.40 0.00	24.05 0.38 0.00	24.04 0.38 0.00	25.38 0.35 0.00	28.29 0.39 0.00	29.92 0.44 0.00	31.42 0.43 0.00	33.95 0.47 0.00	35.96 0.43 0.00	37.04 0.51 0.00	39.71 0.55 0.00	42.68 0.42 0.00	44.56 0.53 0.00	49.59 0.73 0.00	55.56 0.93 0.00	60.85 1.19 0.00	58.01 1.08 0.00	49.97 1.06 -0.53	44.88 0.87 -0.54	39.30 0.85 0.00	35.60 0.60 0.00	33.56 0.66 0.00
ALBANY___3 23573	29.97 0.53 0.00	27.46 0.43 0.00	25.50 0.40 0.00	24.05 0.38 0.00	24.04 0.38 0.00	25.38 0.35 0.00	28.29 0.39 0.00	29.92 0.44 0.00	31.42 0.43 0.00	33.95 0.47 0.00	35.96 0.43 0.00	37.04 0.51 0.00	39.71 0.55 0.00	42.68 0.42 0.00	44.56 0.53 0.00	49.59 0.73 0.00	55.56 0.93 0.00	60.85 1.19 0.00	58.01 1.08 0.00	49.97 1.06 -0.53	44.88 0.87 -0.54	39.30 0.85 0.00	35.60 0.60 0.00	33.56 0.66 0.00
ALBANY___4 23574	29.97 0.53 0.00	27.46 0.43 0.00	25.50 0.40 0.00	24.05 0.38 0.00	24.04 0.38 0.00	25.38 0.35 0.00	28.29 0.39 0.00	29.92 0.44 0.00	31.42 0.43 0.00	33.95 0.47 0.00	35.96 0.43 0.00	37.04 0.51 0.00	39.71 0.55 0.00	42.68 0.42 0.00	44.56 0.53 0.00	49.59 0.73 0.00	55.56 0.93 0.00	60.85 1.19 0.00	58.01 1.08 0.00	49.97 1.06 -0.53	44.88 0.87 -0.54	39.30 0.85 0.00	35.60 0.60 0.00	33.56 0.66 0.00
ALBANY___LFGE 323615	30.35 0.91 0.00	27.84 0.81 0.00	25.85 0.75 0.00	24.41 0.73 0.00	24.37 0.71 0.00	25.81 0.78 0.00	28.73 0.84 0.00	30.30 0.82 0.00	31.82 0.84 0.00	34.39 0.90 0.00	36.42 0.89 0.00	37.55 1.02 0.00	40.25 1.09 0.00	43.31 1.06 0.00	45.22 1.19 0.00	50.32 1.46 0.00	56.43 1.80 0.00	61.69 2.03 0.00	58.92 1.99 0.00	50.84 1.79 -0.67	45.72 1.56 -0.68	39.92 1.46 0.00	36.02 1.02 0.00	33.96 1.05 0.00
ALCOA_PA_115KV_PL-6C 55860	29.09 -0.35 0.00	26.70 -0.32 0.00	24.78 -0.33 0.00	23.36 -0.31 0.00	23.36 -0.31 0.00	24.73 -0.30 0.00	27.59 -0.31 0.00	29.15 -0.32 0.00	30.61 -0.37 0.00	33.08 -0.40 0.00	35.18 -0.36 0.00	35.94 -0.58 0.00	38.42 -0.74 0.00	41.49 -0.76 0.00	43.28 -0.75 0.00	47.68 -1.17 0.00	52.72 -1.91 0.00	57.57 -2.09 0.00	54.94 -1.99 0.00	46.64 -1.74 0.00	41.99 -1.48 0.00	37.57 -0.88 0.00	34.27 -0.74 0.00	32.21 -0.69 0.00
ALCOA_RYNLDS___DRP 24188	29.09 -0.35 0.00	26.70 -0.32 0.00	24.78 -0.33 0.00	23.36 -0.31 0.00	23.36 -0.31 0.00	24.73 -0.30 0.00	27.59 -0.31 0.00	29.15 -0.32 0.00	30.61 -0.37 0.00	33.08 -0.40 0.00	35.18 -0.36 0.00	35.94 -0.58 0.00	38.42 -0.74 0.00	41.49 -0.76 0.00	43.28 -0.75 0.00	47.68 -1.17 0.00	52.72 -1.91 0.00	57.57 -2.09 0.00	54.94 -1.99 0.00	46.64 -1.74 0.00	41.99 -1.48 0.00	37.57 -0.88 0.00	34.27 -0.74 0.00	32.21 -0.69 0.00
ALCOA___DSASP 323711	29.09 -0.35 0.00	26.70 -0.32 0.00	24.78 -0.33 0.00	23.36 -0.31 0.00	23.35 -0.31 0.00	24.73 -0.30 0.00	27.59 -0.31 0.00	29.15 -0.32 0.00	30.62 -0.37 0.00	33.08 -0.40 0.00	35.18 -0.36 0.00	35.94 -0.59 0.00	38.41 -0.75 0.00	41.49 -0.76 0.00	43.28 -0.75 0.00	47.68 -1.17 0.00	52.72 -1.91 0.00	57.57 -2.09 0.00	54.93 -1.99 0.00	46.64 -1.74 0.00	41.99 -1.48 0.00	37.00 -1.46 0.00	34.27 -0.74 0.00	32.21 -0.69 0.00
ALLEGHENY___COGEN 23514	30.85 1.41 0.00	28.51 1.49 0.00	26.43 1.33 0.00	24.78 1.11 0.00	24.94 1.28 0.00	26.38 1.35 0.00	29.12 1.23 0.00	30.83 1.36 0.00	32.10 1.11 0.00	34.35 0.87 0.00	35.29 -0.25 0.00	36.71 0.18 0.00	39.47 0.31 0.00	43.05 0.80 0.00	44.56 0.53 0.00	49.63 0.78 0.00	55.83 1.20 0.00	61.69 2.03 0.00	59.77 2.85 0.00	51.09 2.71 0.00	46.21 2.74 0.00	40.50 2.04 0.00	36.75 1.75 0.00	35.21 2.30 0.00
ALTAMONT_115KV_TB 2 55880	30.29 0.85 0.00	27.76 0.73 0.00	25.75 0.65 0.00	24.29 0.62 0.00	24.28 0.62 0.00	25.66 0.63 0.00	28.62 0.73 0.00	30.24 0.77 0.00	31.79 0.81 0.00	34.32 0.84 0.00	36.38 0.85 0.00	37.47 0.95 0.00	40.18 1.02 0.00	43.23 0.97 0.00	45.09 1.06 0.00	50.12 1.27 0.00	56.16 1.53 0.00	61.45 1.79 0.00	58.64 1.71 0.00	50.35 1.55 -0.43	45.25 1.35 -0.44	39.73 1.27 0.00	36.02 1.02 0.00	33.89 0.99 0.00
ALTONA_WT_PWR 323606	29.97 0.53 0.00	27.49 0.46 0.00	25.45 0.35 0.00	23.96 0.29 0.00	23.99 0.33 0.00	25.43 0.40 0.00	28.48 0.59 0.00	30.12 0.65 0.00	31.67 0.68 0.00	34.28 0.80 0.00	36.56 1.03 0.00	37.47 0.95 0.00	40.14 0.98 0.00	43.39 1.14 0.00	45.26 1.23 0.00	48.66 -0.19 0.00	53.87 -0.76 0.00	58.76 -0.89 0.00	56.13 -0.80 0.00	47.41 -0.97 0.00	43.17 -0.30 0.00	37.69 -0.77 0.00	34.37 -0.63 0.00	31.98 -0.92 0.00
AMERICAN_REF_FUEL 24010	28.62 -0.82 0.00	26.70 -0.32 0.00	24.85 -0.25 0.00	23.29 -0.38 0.00	23.50 -0.16 0.00	24.78 -0.25 0.00	27.09 -0.81 0.00	28.42 -1.06 0.00	30.21 -0.77 0.00	32.54 -0.94 0.00	34.96 -0.57 0.00	36.56 0.04 0.00	39.44 0.28 0.00	43.52 1.27 0.00	44.65 0.62 0.00	49.44 0.59 0.00	55.83 1.20 0.00	61.15 1.49 0.00	58.47 1.54 0.00	48.96 0.58 0.00	43.78 0.31 0.00	38.57 0.12 0.00	35.35 0.35 0.00	33.17 0.26 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.24 0.80 0.00	28.11 1.08 0.00	26.06 0.95 0.00	24.43 0.76 0.00	24.61 0.95 0.00	26.01 0.98 0.00	28.56 0.67 0.00	30.36 0.88 0.00	32.13 1.15 0.00	34.58 1.10 0.00	37.27 1.74 0.00	39.04 2.52 0.00	42.22 3.06 0.00	46.65 4.39 0.00	47.86 3.83 0.00	53.05 4.20 0.00	59.77 5.13 0.00	65.09 5.43 0.00	62.39 5.47 0.00	52.39 4.01 0.00	46.90 3.43 0.00	41.00 2.54 0.00	37.31 2.31 0.00	34.68 1.78 0.00
ARTHUR KILL_GT_1 23520	31.69 2.24 -0.01	28.98 1.95 0.00	26.78 1.68 0.00	25.21 1.54 0.00	25.11 1.44 0.00	26.55 1.53 0.01	29.79 1.90 0.01	31.59 2.12 0.01	33.36 2.39 0.01	36.12 2.64 0.01	38.01 2.49 0.01	39.26 2.74 0.01	42.01 2.86 0.01	45.16 2.91 0.01	47.06 3.04 0.01	52.61 3.76 0.01	58.61 3.99 0.01	63.53 3.88 0.01	60.39 3.47 0.01	51.75 3.29 -0.08	46.42 2.87 -0.08	41.26 2.81 0.01	37.24 2.24 0.01	37.26 2.50 -1.85
ARTHUR_KILL_2 23512	31.57 2.12 -0.01	28.87 1.84 0.00	26.71 1.61 0.00	25.12 1.44 0.00	25.03 1.37 0.00	26.47 1.45 0.01	29.70 1.81 0.01	31.47 2.01 0.01	33.27 2.29 0.01	36.02 2.54 0.01	37.87 2.34 0.01	39.11 2.59 0.01	41.85 2.70 0.01	44.95 2.71 0.01	46.85 2.82 0.01	52.36 3.52 0.01	58.34 3.72 0.01	63.23 3.58 0.01	60.11 3.19 0.01	51.51 3.05 -0.08	46.20 2.65 -0.08	41.07 2.62 0.01	37.09 2.10 0.01	37.13 2.37 -1.85
ARTHUR_KILL_3 23513	31.44 2.00 0.00	28.78 1.76 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.06 1.40 0.00	26.61 1.58 0.00	29.79 1.90 0.00	31.57 2.09 0.00	33.25 2.26 0.00	35.96 2.48 0.00	37.95 2.42 0.00	39.12 2.59 0.00	41.82 2.66 0.00	44.87 2.62 0.00	46.76 2.73 0.00	52.22 3.37 0.00	58.18 3.55 0.00	63.18 3.52 0.00	60.06 3.13 0.00	51.37 2.90 -0.09	46.12 2.56 -0.09	41.04 2.58 0.00	37.10 2.10 0.00	37.02 2.27 -1.85

ARTHUR_KILL_COGEN 323718	31.69 2.24 -0.01	28.98 1.95 0.00	26.78 1.68 0.00	25.21 1.54 0.00	25.11 1.44 0.00	26.55 1.53 0.01	29.79 1.90 0.01	31.59 2.12 0.01	33.36 2.39 0.01	36.12 2.64 0.01	38.01 2.49 0.01	39.26 2.74 0.01	42.01 2.86 0.01	45.16 2.91 0.01	47.06 3.04 0.01	52.61 3.76 0.01	58.61 3.99 0.01	63.53 3.88 0.01	60.39 3.47 0.01	51.75 3.29 -0.08	46.42 2.87 -0.08	41.26 2.81 0.01	37.24 2.24 0.01	37.26 2.50 -1.85
ASHOKAN____ 23654	31.33 1.89 0.00	28.65 1.62 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.08 1.42 0.00	26.46 1.43 0.00	29.51 1.62 0.00	30.77 1.30 0.00	32.44 1.46 0.00	34.99 1.51 0.00	36.95 1.42 0.00	37.84 1.31 0.00	40.73 1.57 0.00	43.90 1.65 0.00	45.88 1.85 0.00	51.20 2.34 0.00	57.53 2.89 0.00	63.42 3.76 0.00	60.74 3.81 0.00	50.45 1.79 -0.28	45.23 1.48 -0.29	41.00 2.54 0.00	36.93 1.92 0.00	34.91 2.01 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.83 2.38 -0.01	29.15 2.11 -0.01	27.02 1.91 -0.01	25.42 1.75 0.00	25.34 1.68 0.00	26.76 1.73 0.00	29.96 2.06 0.00	31.63 2.15 0.00	33.40 2.42 0.01	36.12 2.64 0.01	38.08 2.56 0.01	39.26 2.74 0.01	41.97 2.82 0.01	45.08 2.83 0.01	46.88 2.86 0.01	52.42 3.56 0.00	58.40 3.77 0.00	63.36 3.70 0.00	60.23 3.30 0.00	51.52 3.05 -0.09	46.25 2.70 -0.08	41.15 2.69 0.00	37.21 2.21 0.00	35.48 2.57 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	31.83 2.38 -0.01	29.15 2.11 -0.01	27.02 1.91 -0.01	25.42 1.75 0.00	25.34 1.68 0.00	26.76 1.73 0.00	29.96 2.06 0.00	31.63 2.15 0.00	33.40 2.42 0.01	36.12 2.64 0.01	38.08 2.56 0.01	39.26 2.74 0.01	41.97 2.82 0.01	45.08 2.83 0.01	46.88 2.86 0.01	52.42 3.56 0.00	58.40 3.77 0.00	63.36 3.70 0.00	60.23 3.30 0.00	51.52 3.05 -0.09	46.25 2.70 -0.08	41.15 2.69 0.00	37.21 2.21 0.00	35.48 2.57 -0.01
ASTORIA_GT2_1 24094	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01
ASTORIA_GT2_2 24095	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01
ASTORIA_GT2_3 24096	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01
ASTORIA_GT2_4 24097	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01
ASTORIA_GT3_1 24098	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01
ASTORIA_GT3_2 24099	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01
ASTORIA_GT3_3 24100	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01
ASTORIA_GT3_4 24101	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01
ASTORIA_GT4_1 24102	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01
ASTORIA_GT4_2 24103	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01
ASTORIA_GT4_3 24104	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01

ASTORIA_GT4_4 24105	31.83 2.38 -0.01	29.06 2.03 -0.01	26.89 1.78 -0.01	25.30 1.63 0.00	25.22 1.56 0.00	26.58 1.55 0.00	29.74 1.84 0.00	31.63 2.15 0.00	33.40 2.42 0.00	36.16 2.68 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.49 2.49 0.00	35.55 2.63 -0.01
ASTORIA_GT_1 23523	31.92 2.47 -0.01	29.22 2.19 -0.01	27.07 1.96 -0.01	25.47 1.80 0.00	25.39 1.73 0.00	26.81 1.78 0.00	30.04 2.15 0.00	31.72 2.24 0.00	33.49 2.51 0.01	36.22 2.75 0.01	38.19 2.67 0.01	39.40 2.88 0.01	42.13 2.97 0.01	45.20 2.96 0.01	47.06 3.04 0.01	52.61 3.76 0.00	58.57 3.94 0.00	63.59 3.94 0.00	60.46 3.53 0.00	51.71 3.24 -0.09	46.38 2.82 -0.08	41.26 2.81 0.00	37.31 2.31 0.00	35.58 2.66 -0.01
ASTORIA_GT_10 24110	31.66 2.21 -0.01	28.89 1.86 0.00	26.73 1.63 0.00	25.16 1.49 0.00	25.08 1.42 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.66 2.18 0.00	33.43 2.45 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.34 2.81 0.00	42.06 2.90 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.17 3.24 0.00	51.52 3.05 -0.09	46.30 2.74 -0.09	41.11 2.65 0.00	37.42 2.42 0.00	35.45 2.53 -0.01
ASTORIA_GT_11 24225	31.66 2.21 -0.01	28.89 1.86 0.00	26.73 1.63 0.00	25.16 1.49 0.00	25.08 1.42 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.66 2.18 0.00	33.43 2.45 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.34 2.81 0.00	42.06 2.90 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.17 3.24 0.00	51.52 3.05 -0.09	46.30 2.74 -0.09	41.11 2.65 0.00	37.42 2.42 0.00	35.45 2.53 -0.01
ASTORIA_GT_12 24226	31.66 2.21 -0.01	28.89 1.86 0.00	26.73 1.63 0.00	25.16 1.49 0.00	25.08 1.42 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.66 2.18 0.00	33.43 2.45 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.34 2.81 0.00	42.06 2.90 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.17 3.24 0.00	51.52 3.05 -0.09	46.30 2.74 -0.09	41.11 2.65 0.00	37.42 2.42 0.00	35.45 2.53 -0.01
ASTORIA_GT_13 24227	31.66 2.21 -0.01	28.89 1.86 0.00	26.73 1.63 0.00	25.16 1.49 0.00	25.08 1.42 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.66 2.18 0.00	33.43 2.45 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.34 2.81 0.00	42.06 2.90 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.17 3.24 0.00	51.52 3.05 -0.09	46.30 2.74 -0.09	41.11 2.65 0.00	37.42 2.42 0.00	35.45 2.53 -0.01
ASTORIA_GT_5 24106	31.89 2.44 -0.01	29.12 2.08 -0.01	26.94 1.83 -0.01	25.35 1.68 0.00	25.27 1.61 0.00	26.63 1.60 0.00	29.79 1.90 0.00	31.69 2.21 0.00	33.50 2.51 0.00	36.23 2.75 0.00	38.20 2.66 0.00	39.41 2.89 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.07 3.04 0.00	52.61 3.76 0.00	58.57 3.93 0.00	63.59 3.94 0.00	60.46 3.53 0.00	51.71 3.24 -0.09	46.39 2.83 -0.09	41.19 2.73 0.00	37.59 2.59 0.00	35.64 2.73 -0.01
ASTORIA_GT_7 24107	31.89 2.44 -0.01	29.12 2.08 -0.01	26.94 1.83 -0.01	25.35 1.68 0.00	25.27 1.61 0.00	26.63 1.60 0.00	29.79 1.90 0.00	31.69 2.21 0.00	33.50 2.51 0.00	36.23 2.75 0.00	38.20 2.66 0.00	39.41 2.89 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.07 3.04 0.00	52.61 3.76 0.00	58.57 3.93 0.00	63.59 3.94 0.00	60.46 3.53 0.00	51.71 3.24 -0.09	46.39 2.83 -0.09	41.19 2.73 0.00	37.59 2.59 0.00	35.64 2.73 -0.01
ASTORIA_GT_8 24108	31.89 2.44 -0.01	29.12 2.08 -0.01	26.94 1.83 -0.01	25.35 1.68 0.00	25.27 1.61 0.00	26.63 1.60 0.00	29.79 1.90 0.00	31.69 2.21 0.00	33.50 2.51 0.00	36.23 2.75 0.00	38.20 2.66 0.00	39.41 2.89 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.07 3.04 0.00	52.61 3.76 0.00	58.57 3.93 0.00	63.59 3.94 0.00	60.46 3.53 0.00	51.71 3.24 -0.09	46.39 2.83 -0.09	41.19 2.73 0.00	37.59 2.59 0.00	35.64 2.73 -0.01
ASTORIA___2 24149	31.86 2.41 -0.01	29.17 2.13 -0.01	27.02 1.91 -0.01	25.42 1.75 0.00	25.34 1.68 0.00	26.76 1.73 0.00	29.99 2.09 0.00	31.66 2.18 0.00	33.40 2.42 0.01	36.15 2.68 0.01	38.08 2.56 0.01	39.29 2.77 0.01	42.01 2.86 0.01	45.08 2.83 0.01	46.93 2.91 0.01	52.47 3.62 0.00	58.40 3.77 0.00	63.36 3.70 0.00	60.29 3.36 0.00	51.52 3.05 -0.09	46.25 2.70 -0.08	41.15 2.69 0.00	37.21 2.21 0.00	35.51 2.60 -0.01
ASTORIA___3 23516	31.69 2.24 -0.01	28.98 1.95 0.00	26.86 1.76 0.00	25.28 1.61 0.00	25.20 1.54 0.00	26.68 1.65 0.00	29.93 2.04 0.00	31.69 2.21 0.00	33.43 2.45 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.34 2.81 0.00	42.06 2.90 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.36 3.70 0.00	60.17 3.24 0.00	51.52 3.05 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.24 2.24 0.00	35.41 2.50 -0.01
ASTORIA___4 23517	31.66 2.21 -0.01	28.89 1.86 0.00	26.73 1.63 0.00	25.16 1.49 0.00	25.08 1.42 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.66 2.18 0.00	33.43 2.45 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.34 2.81 0.00	42.06 2.90 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.17 3.24 0.00	51.52 3.05 -0.09	46.30 2.74 -0.09	41.11 2.65 0.00	37.42 2.42 0.00	35.45 2.53 -0.01
ASTORIA___5 23518	31.69 2.24 -0.01	28.98 1.95 0.00	26.86 1.76 0.00	25.28 1.61 0.00	25.20 1.54 0.00	26.68 1.65 0.00	29.93 2.04 0.00	31.69 2.21 0.00	33.43 2.45 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.34 2.81 0.00	42.06 2.90 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.36 3.70 0.00	60.17 3.24 0.00	51.52 3.05 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.24 2.24 0.00	35.41 2.50 -0.01
AST_ENERGY_2_CC3 323677	31.53 2.09 0.00	28.84 1.81 0.00	26.73 1.63 0.00	25.19 1.52 0.00	25.11 1.44 0.00	26.63 1.60 0.00	29.85 1.95 0.00	31.60 2.12 0.00	33.31 2.33 0.00	36.03 2.54 0.00	38.06 2.52 0.00	39.23 2.70 0.00	41.98 2.82 0.00	45.04 2.79 0.00	46.94 2.91 0.00	52.37 3.52 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.23 3.30 0.00	51.57 3.10 -0.09	46.26 2.70 -0.09	41.15 2.69 0.00	37.17 2.17 0.00	35.21 2.30 0.00
AST_ENERGY_2_CC4 323678	31.53 2.09 0.00	28.84 1.81 0.00	26.73 1.63 0.00	25.19 1.52 0.00	25.11 1.44 0.00	26.63 1.60 0.00	29.85 1.95 0.00	31.60 2.12 0.00	33.31 2.33 0.00	36.03 2.54 0.00	38.06 2.52 0.00	39.23 2.70 0.00	41.98 2.82 0.00	45.04 2.79 0.00	46.94 2.91 0.00	52.37 3.52 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.23 3.30 0.00	51.57 3.10 -0.09	46.26 2.70 -0.09	41.15 2.69 0.00	37.17 2.17 0.00	35.21 2.30 0.00

ATHENS_STG_1 23668	30.41 0.97 0.00	27.89 0.86 0.00	25.91 0.80 0.00	24.43 0.76 0.00	24.40 0.73 0.00	25.83 0.80 0.00	28.81 0.92 0.00	30.42 0.94 0.00	31.98 0.99 0.00	34.55 1.07 0.00	36.60 1.06 0.00	37.69 1.17 0.00	40.37 1.22 0.00	43.39 1.14 0.00	45.26 1.23 0.00	50.37 1.52 0.00	56.38 1.75 0.00	61.45 1.79 0.00	58.58 1.65 0.00	50.00 1.55 -0.07	44.89 1.35 -0.07	39.84 1.38 0.00	36.02 1.02 0.00	33.99 1.08 0.00
ATHENS_STG_2 23670	30.41 0.97 0.00	27.89 0.86 0.00	25.91 0.80 0.00	24.43 0.76 0.00	24.40 0.73 0.00	25.83 0.80 0.00	28.81 0.92 0.00	30.42 0.94 0.00	31.98 0.99 0.00	34.55 1.07 0.00	36.60 1.06 0.00	37.69 1.17 0.00	40.37 1.22 0.00	43.39 1.14 0.00	45.26 1.23 0.00	50.37 1.52 0.00	56.38 1.75 0.00	61.45 1.79 0.00	58.58 1.65 0.00	50.00 1.55 -0.07	44.89 1.35 -0.07	39.84 1.38 0.00	36.02 1.02 0.00	33.99 1.08 0.00
ATHENS_STG_3 23677	30.41 0.97 0.00	27.89 0.86 0.00	25.91 0.80 0.00	24.43 0.76 0.00	24.40 0.73 0.00	25.83 0.80 0.00	28.81 0.92 0.00	30.42 0.94 0.00	31.98 0.99 0.00	34.55 1.07 0.00	36.60 1.06 0.00	37.69 1.17 0.00	40.37 1.22 0.00	43.39 1.14 0.00	45.26 1.23 0.00	50.37 1.52 0.00	56.38 1.75 0.00	61.45 1.79 0.00	58.58 1.65 0.00	50.00 1.55 -0.07	44.89 1.35 -0.07	39.84 1.38 0.00	36.02 1.02 0.00	33.99 1.08 0.00
AUBURN___LFGE 323710	29.74 0.29 0.00	27.30 0.27 0.00	25.38 0.28 0.00	23.91 0.24 0.00	23.95 0.28 0.00	25.36 0.33 0.00	28.23 0.33 0.00	29.86 0.38 0.00	31.33 0.34 0.00	34.15 0.44 -0.24	36.06 0.53 0.00	37.37 0.84 0.00	40.14 0.98 0.00	43.65 1.39 0.00	45.44 1.41 0.00	50.37 1.51 0.00	56.49 1.86 0.00	61.69 2.03 0.00	58.98 2.05 0.00	49.93 1.55 0.00	45.31 1.43 -0.41	39.34 0.88 0.00	35.96 0.77 -0.19	33.46 0.56 0.00
BABYLON_RES_REC 323704	35.25 2.59 -3.22	32.41 2.32 -3.06	28.67 2.13 -1.44	25.68 2.01 0.00	26.84 1.94 -1.23	28.61 2.15 -1.42	31.38 2.51 -0.97	34.63 2.62 -2.53	36.54 2.85 -2.70	36.58 3.08 -0.02	38.02 2.49 0.00	39.30 2.77 0.00	41.86 2.70 0.00	45.21 2.96 0.00	46.86 2.82 0.00	51.98 3.13 0.00	58.18 3.55 0.00	63.24 3.58 0.00	60.00 3.07 0.00	51.13 2.66 -0.09	46.09 2.52 -0.10	41.00 2.54 0.00	36.64 1.65 0.01	35.40 2.50 0.00
BABYLON__69_KV_BK2 356345	35.58 2.91 -3.22	32.63 2.54 -3.06	28.85 2.31 -1.44	25.83 2.15 0.00	27.00 2.11 -1.23	28.73 2.28 -1.42	31.49 2.62 -0.97	34.96 2.95 -2.53	36.94 3.25 -2.70	37.02 3.52 -0.02	38.87 3.34 0.00	40.30 3.76 -0.01	42.89 3.72 -0.01	46.36 4.10 -0.01	48.18 4.14 -0.01	53.35 4.49 0.00	59.66 5.03 0.00	64.79 5.13 0.00	61.48 4.55 0.00	52.43 3.97 -0.09	47.35 3.78 -0.10	41.93 3.46 -0.01	37.55 2.56 0.01	36.00 3.09 0.00
BALL_HILL_WT_PWR 323825	29.65 0.21 0.00	27.60 0.57 0.00	25.63 0.53 0.00	24.03 0.36 0.00	24.23 0.57 0.00	25.61 0.58 0.00	28.09 0.20 0.00	29.74 0.26 0.00	31.51 0.53 0.00	33.95 0.47 0.00	36.53 0.99 0.00	38.21 1.68 0.00	41.23 2.07 0.00	45.51 3.25 0.00	46.76 2.73 0.00	51.83 2.98 0.00	58.46 3.82 0.00	63.89 4.24 0.00	61.08 4.15 0.00	51.23 2.85 0.00	45.82 2.35 0.00	40.27 1.81 0.00	36.72 1.71 0.00	34.22 1.32 0.00
BARON_WINDS___WT_PWR 323822	29.68 0.23 0.00	27.51 0.49 0.00	25.55 0.45 0.00	23.98 0.31 0.00	24.14 0.47 0.00	25.56 0.53 0.00	28.20 0.31 0.00	29.89 0.41 0.00	31.51 0.53 0.00	34.07 0.53 -0.06	36.28 0.75 0.00	37.77 1.24 0.00	40.61 1.45 0.00	44.53 2.28 0.00	46.02 1.98 0.00	51.00 2.15 0.00	57.31 2.68 0.00	62.70 3.04 0.00	59.94 3.02 0.00	50.50 2.13 0.00	45.40 1.83 -0.10	39.92 1.46 0.00	36.31 1.26 -0.05	33.86 0.95 0.00
BARRETT_IC_1 23704	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BARRETT_IC_10 23701	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BARRETT_IC_11 23702	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BARRETT_IC_12 23703	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BARRETT_IC_2 23705	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BARRETT_IC_3 23706	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BARRETT_IC_4 23707	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00

BARRETT_IC_5 23708	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BARRETT_IC_6 23709	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BARRETT_IC_7 23710	34.96 2.30 -3.22	32.09 2.00 -3.06	28.32 1.78 -1.44	25.33 1.66 0.00	26.53 1.63 -1.23	28.21 1.75 -1.42	30.93 2.06 -0.97	34.37 2.36 -2.53	36.20 2.51 -2.70	36.22 2.71 -0.02	37.95 2.42 0.00	39.26 2.74 0.00	41.70 2.55 0.00	44.96 2.70 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.24 3.58 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	46.00 2.43 -0.09	40.84 2.38 0.00	37.10 2.10 0.00	35.37 2.47 0.00
BARRETT_IC_8 23711	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BARRETT_IC_9 23700	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BARRETT___1 23545	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BARRETT___2 23546	34.99 2.33 -3.22	32.20 2.11 -3.06	28.45 1.91 -1.44	25.47 1.80 0.00	26.65 1.75 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.39 2.39 -2.53	36.17 2.48 -2.70	36.21 2.71 -0.02	37.95 2.42 0.00	39.19 2.66 0.00	41.70 2.54 0.00	44.96 2.71 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.13 3.50 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.18 2.71 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.89 1.89 0.00	35.24 2.34 0.00
BATAVIA__115KV_TB1 55881	29.82 0.38 0.00	27.16 0.14 0.00	25.45 0.35 0.00	24.07 0.40 0.00	24.18 0.52 0.00	25.63 0.60 0.00	28.09 0.20 0.00	29.77 0.29 0.00	31.51 0.53 0.00	34.02 0.54 0.00	36.42 0.89 0.00	38.06 1.53 0.00	41.12 1.96 0.00	45.30 3.04 0.00	46.63 2.60 0.00	51.59 2.74 0.00	58.08 3.44 0.00	63.06 3.40 0.00	61.08 4.16 0.00	51.23 2.85 0.00	45.90 2.43 0.00	39.88 1.42 0.00	36.37 1.37 0.00	34.32 1.41 0.00
BAYONEEC___CTG1 323682	31.56 2.12 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.68 1.65 0.00	29.88 1.98 0.00	31.63 2.15 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.21 2.21 0.00	35.28 2.37 0.00
BAYONEEC___CTG10 323750	31.56 2.12 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.68 1.65 0.00	29.88 1.98 0.00	31.63 2.15 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.21 2.21 0.00	35.28 2.37 0.00
BAYONEEC___CTG2 323683	31.56 2.12 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.68 1.65 0.00	29.88 1.98 0.00	31.63 2.15 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.21 2.21 0.00	35.28 2.37 0.00
BAYONEEC___CTG3 323684	31.56 2.12 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.68 1.65 0.00	29.88 1.98 0.00	31.63 2.15 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.21 2.21 0.00	35.28 2.37 0.00
BAYONEEC___CTG4 323685	31.56 2.12 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.68 1.65 0.00	29.88 1.98 0.00	31.63 2.15 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.21 2.21 0.00	35.28 2.37 0.00
BAYONEEC___CTG5 323686	31.56 2.12 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.68 1.65 0.00	29.88 1.98 0.00	31.63 2.15 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.21 2.21 0.00	35.28 2.37 0.00
BAYONEEC___CTG6 323687	31.56 2.12 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.68 1.65 0.00	29.88 1.98 0.00	31.63 2.15 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.21 2.21 0.00	35.28 2.37 0.00

BAYONEEC___CTG7 323688	31.56 2.12 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.68 1.65 0.00	29.88 1.98 0.00	31.63 2.15 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.21 2.21 0.00	35.28 2.37 0.00
BAYONEEC___CTG8 323689	31.56 2.12 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.68 1.65 0.00	29.88 1.98 0.00	31.63 2.15 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.21 2.21 0.00	35.28 2.37 0.00
BAYONEEC___CTG9 323749	31.56 2.12 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.68 1.65 0.00	29.88 1.98 0.00	31.63 2.15 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.21 2.21 0.00	35.28 2.37 0.00
BEACON___LESR 323632	30.53 1.09 0.00	27.97 0.95 0.00	25.98 0.88 0.00	24.52 0.85 0.00	24.49 0.83 0.00	25.96 0.93 0.00	28.90 1.00 0.00	30.45 0.97 0.00	31.98 0.99 0.00	34.55 1.07 0.00	36.60 1.06 0.00	37.69 1.17 0.00	40.41 1.25 0.00	43.52 1.27 0.00	45.53 1.50 0.00	50.71 1.86 0.00	56.87 2.24 0.00	62.34 2.69 0.00	59.55 2.62 0.00	51.24 2.32 -0.54	46.02 2.00 -0.55	40.30 1.85 0.00	36.33 1.33 0.00	34.22 1.32 0.00
BEAVER RIVER___HYD 24048	29.32 -0.12 0.00	26.87 -0.16 0.00	24.93 -0.17 0.00	23.48 -0.19 0.00	23.50 -0.16 0.00	24.91 -0.12 0.00	27.81 -0.08 0.00	29.39 -0.09 0.00	30.77 -0.22 0.00	33.28 -0.33 -0.14	35.14 -0.39 0.00	36.23 -0.29 0.00	38.81 -0.35 0.00	42.00 -0.25 0.00	43.77 -0.26 0.00	48.56 -0.29 0.00	54.14 -0.49 0.00	59.30 -0.36 0.00	56.87 -0.06 0.00	48.57 0.19 0.00	44.01 0.31 -0.24	38.42 -0.04 0.00	35.04 -0.07 -0.11	32.64 -0.26 0.00
BEEBEE_GT_13 23619	29.44 0.00 0.00	26.92 -0.11 0.00	25.15 0.05 0.00	23.74 0.07 0.00	23.83 0.17 0.00	25.23 0.20 0.00	27.81 -0.08 0.00	29.42 -0.06 0.00	31.08 0.09 0.00	33.65 0.17 0.00	35.96 0.43 0.00	37.44 0.91 0.00	40.30 1.14 0.00	44.11 1.86 0.00	45.62 1.59 0.00	50.76 1.91 0.00	56.93 2.29 0.00	61.98 2.33 0.00	59.66 2.73 0.00	50.17 1.79 0.00	44.99 1.52 0.00	39.30 0.85 0.00	35.74 0.74 0.00	33.56 0.66 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.95 2.50 -0.01	29.14 2.11 0.00	26.93 1.83 0.00	25.33 1.66 0.00	25.25 1.59 0.00	26.66 1.63 0.00	29.90 2.01 0.00	31.92 2.45 0.00	33.74 2.76 0.00	36.53 3.05 0.00	38.48 2.95 0.00	39.74 3.21 0.00	42.53 3.37 0.00	45.72 3.46 0.00	47.60 3.57 0.00	53.20 4.35 0.00	59.22 4.59 0.00	64.25 4.59 0.00	61.08 4.16 0.00	52.29 3.82 -0.09	46.91 3.35 -0.09	41.61 3.15 0.00	37.84 2.84 0.00	39.45 2.93 -3.61
BETHLEHEM___GRP 23843	29.97 0.53 0.00	27.46 0.43 0.00	25.50 0.40 0.00	24.05 0.38 0.00	24.04 0.38 0.00	25.38 0.35 0.00	28.29 0.39 0.00	29.92 0.44 0.00	31.42 0.43 0.00	33.95 0.47 0.00	35.96 0.43 0.00	37.04 0.51 0.00	39.71 0.55 0.00	42.68 0.42 0.00	44.56 0.53 0.00	49.59 0.73 0.00	55.56 0.93 0.00	60.85 1.19 0.00	58.01 1.08 0.00	49.97 1.06 -0.53	44.88 0.87 -0.54	39.30 0.85 0.00	35.60 0.60 0.00	33.56 0.66 0.00
BETHLEHEM___GS1 323560	30.00 0.56 0.00	27.49 0.46 0.00	25.55 0.45 0.00	24.12 0.45 0.00	24.09 0.43 0.00	25.50 0.47 0.00	28.40 0.50 0.00	29.92 0.44 0.00	31.42 0.43 0.00	33.95 0.47 0.00	35.96 0.43 0.00	37.04 0.51 0.00	39.67 0.51 0.00	42.68 0.42 0.00	44.56 0.53 0.00	49.59 0.73 0.00	55.56 0.93 0.00	60.79 1.13 0.00	58.01 1.08 0.00	49.97 1.06 -0.53	44.88 0.87 -0.54	39.34 0.89 0.00	35.56 0.56 0.00	33.53 0.62 0.00
BETHLEHEM___GS2 323561	30.00 0.56 0.00	27.49 0.46 0.00	25.55 0.45 0.00	24.12 0.45 0.00	24.09 0.43 0.00	25.50 0.47 0.00	28.40 0.50 0.00	29.92 0.44 0.00	31.42 0.43 0.00	33.95 0.47 0.00	35.96 0.43 0.00	37.04 0.51 0.00	39.67 0.51 0.00	42.68 0.42 0.00	44.56 0.53 0.00	49.59 0.73 0.00	55.56 0.93 0.00	60.79 1.13 0.00	58.01 1.08 0.00	49.97 1.06 -0.53	44.88 0.87 -0.54	39.34 0.89 0.00	35.56 0.56 0.00	33.53 0.62 0.00
BETHLEHEM___GS3 323562	30.00 0.56 0.00	27.49 0.46 0.00	25.55 0.45 0.00	24.12 0.45 0.00	24.09 0.43 0.00	25.50 0.47 0.00	28.40 0.50 0.00	29.92 0.44 0.00	31.42 0.43 0.00	33.95 0.47 0.00	35.96 0.43 0.00	37.04 0.51 0.00	39.67 0.51 0.00	42.68 0.42 0.00	44.56 0.53 0.00	49.59 0.73 0.00	55.56 0.93 0.00	60.79 1.13 0.00	58.01 1.08 0.00	49.97 1.06 -0.53	44.88 0.87 -0.54	39.34 0.89 0.00	35.56 0.56 0.00	33.53 0.62 0.00
BETHLEHEM___STEEL 23779	29.50 0.06 0.00	26.87 -0.16 0.00	25.18 0.08 0.00	23.86 0.19 0.00	23.97 0.31 0.00	25.41 0.38 0.00	27.81 -0.08 0.00	29.48 0.00 0.00	31.30 0.31 0.00	33.68 0.20 0.00	36.28 0.75 0.00	37.91 1.39 0.00	40.88 1.72 0.00	45.21 2.96 0.00	46.41 2.38 0.00	51.44 2.59 0.00	58.08 3.44 0.00	62.70 3.04 0.00	60.69 3.76 0.00	50.84 2.47 0.00	45.47 2.00 0.00	39.50 1.04 0.00	36.05 1.05 0.00	33.96 1.05 0.00
BETHLHEM_115KV_TB1 79974	30.03 0.59 0.00	27.54 0.51 0.00	25.55 0.45 0.00	24.10 0.43 0.00	24.09 0.43 0.00	25.46 0.43 0.00	28.37 0.47 0.00	29.98 0.50 0.00	31.51 0.53 0.00	34.02 0.54 0.00	36.06 0.53 0.00	37.11 0.58 0.00	39.79 0.63 0.00	42.80 0.55 0.00	44.69 0.66 0.00	49.68 0.83 0.00	55.73 1.09 0.00	60.97 1.31 0.00	58.12 1.20 0.00	50.00 1.11 -0.51	44.94 0.96 -0.51	39.38 0.92 0.00	35.67 0.67 0.00	33.63 0.72 0.00
BETHPAGE_CC_5 323564	35.11 2.44 -3.22	32.28 2.19 -3.06	28.55 2.01 -1.44	25.54 1.87 0.00	26.72 1.82 -1.23	28.46 2.00 -1.42	31.21 2.34 -0.97	34.48 2.48 -2.53	36.38 2.69 -2.70	36.45 2.95 -0.02	38.12 2.59 0.00	39.45 2.92 0.00	42.02 2.86 0.00	45.34 3.08 0.00	47.21 3.17 0.00	52.37 3.52 0.00	58.62 3.99 0.00	63.66 4.00 0.00	60.40 3.47 0.00	51.47 3.00 -0.09	46.30 2.74 -0.09	41.08 2.62 0.00	36.85 1.85 0.01	35.24 2.34 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.56 0.12 0.00	26.89 -0.14 0.00	25.20 0.10 0.00	23.88 0.21 0.00	23.99 0.33 0.00	25.46 0.43 0.00	27.84 -0.06 0.00	29.56 0.09 0.00	31.39 0.40 0.00	33.82 0.33 0.00	36.38 0.85 0.00	38.02 1.50 0.00	41.04 1.88 0.00	45.38 3.13 0.00	46.63 2.60 0.00	51.64 2.78 0.00	58.35 3.72 0.00	63.00 3.34 0.00	60.91 3.98 0.00	51.04 2.66 0.00	45.64 2.17 0.00	39.65 1.19 0.00	36.16 1.16 0.00	34.02 1.12 0.00

BINGHAMTON___COGEN 23790	29.82 0.38 0.00	27.33 0.30 0.00	25.40 0.30 0.00	24.00 0.33 0.00	24.02 0.35 0.00	25.46 0.43 0.00	28.26 0.36 0.00	30.01 0.53 0.00	31.54 0.56 0.00	34.19 0.60 -0.11	36.24 0.71 0.00	37.51 0.99 0.00	40.30 1.14 0.00	43.77 1.52 0.00	45.49 1.45 0.00	50.51 1.66 0.00	56.66 2.02 0.00	61.75 2.09 0.00	59.09 2.16 0.00	50.11 1.69 -0.04	45.17 1.48 -0.22	39.54 1.08 0.00	36.00 0.91 -0.09	33.63 0.72 0.00
BIXINCNT_115KV_LOAD 355685	29.68 0.24 0.00	26.95 -0.08 0.00	25.20 0.10 0.00	23.88 0.21 0.00	23.95 0.28 0.00	25.51 0.48 0.00	27.92 0.03 0.00	29.83 0.35 0.00	31.70 0.71 0.00	34.15 0.67 0.00	36.78 1.24 0.00	38.39 1.86 0.00	41.27 2.11 0.00	45.59 3.34 0.00	46.81 2.77 0.00	51.88 3.03 0.00	58.40 3.77 0.00	62.70 3.04 0.00	61.03 4.10 0.00	51.04 2.66 0.00	45.69 2.22 0.00	39.77 1.31 0.00	36.26 1.26 0.00	33.83 0.92 0.00
BLACK RIVER___HYD 24047	29.47 0.03 0.00	26.97 -0.05 0.00	25.05 -0.05 0.00	23.60 -0.07 0.00	23.62 -0.05 0.00	25.03 0.00 0.00	27.95 0.06 0.00	29.56 0.09 0.00	30.92 -0.06 0.00	33.51 -0.20 -0.23	35.25 -0.29 0.00	36.45 -0.07 0.00	39.00 -0.16 0.00	42.25 0.00 0.00	43.94 -0.09 0.00	48.85 0.00 0.00	54.52 -0.11 0.00	59.72 0.06 0.00	57.44 0.51 0.00	49.15 0.77 0.00	44.78 0.91 -0.40	38.88 0.42 0.00	35.44 0.25 -0.19	32.91 0.00 0.00
BLACKRVR_115KV_TB2 79977	29.50 0.06 0.00	27.00 -0.03 0.00	25.08 -0.03 0.00	23.65 -0.02 0.00	23.66 0.00 0.00	25.08 0.05 0.00	28.01 0.11 0.00	29.59 0.12 0.00	30.92 -0.06 0.00	33.51 -0.20 -0.23	35.25 -0.28 0.00	36.45 -0.07 0.00	39.00 -0.16 0.00	42.25 0.00 0.00	43.94 -0.09 0.00	48.85 0.00 0.00	54.52 -0.11 0.00	59.66 0.00 0.00	57.44 0.51 0.00	49.15 0.77 0.00	44.78 0.91 -0.40	38.92 0.46 0.00	35.40 0.21 -0.19	32.91 0.00 0.00
BLISS_WT_PWR 323608	29.65 0.21 0.00	27.49 0.46 0.00	25.53 0.43 0.00	23.91 0.24 0.00	24.09 0.43 0.00	25.56 0.53 0.00	28.06 0.17 0.00	29.80 0.32 0.00	31.70 0.71 0.00	34.19 0.70 0.00	36.77 1.24 0.00	38.39 1.86 0.00	41.31 2.15 0.00	45.59 3.34 0.00	46.81 2.78 0.00	51.83 2.98 0.00	58.29 3.66 0.00	63.30 3.64 0.00	60.91 3.98 0.00	50.94 2.56 0.00	45.60 2.13 0.00	40.27 1.81 0.00	36.54 1.54 0.00	33.86 0.95 0.00
BLUESTONE___WT_PWR 323821	31.41 1.97 0.00	28.81 1.78 0.00	26.73 1.63 0.00	25.14 1.47 0.00	25.18 1.52 0.00	26.68 1.65 0.00	29.79 1.90 0.00	31.57 2.09 0.00	33.09 2.11 0.00	35.75 2.18 -0.09	37.81 2.28 0.00	39.27 2.74 0.00	42.18 3.02 0.00	45.84 3.59 0.00	47.86 3.83 0.00	53.25 4.40 0.00	59.72 5.08 0.00	65.33 5.67 0.00	62.45 5.52 0.00	53.09 4.64 -0.07	47.96 4.26 -0.23	41.96 3.50 0.00	37.91 2.83 -0.07	35.28 2.37 0.00
BLUE_CIRC_CHEM_DRP 24182	30.41 0.97 0.00	27.89 0.86 0.00	25.88 0.78 0.00	24.41 0.73 0.00	24.40 0.73 0.00	25.78 0.75 0.00	28.68 0.78 0.00	30.27 0.80 0.00	31.76 0.77 0.00	34.25 0.77 0.00	36.24 0.71 0.00	37.29 0.77 0.00	39.94 0.78 0.00	43.01 0.76 0.00	44.87 0.84 0.00	49.93 1.07 0.00	56.05 1.42 0.00	61.51 1.85 0.00	58.75 1.82 0.00	50.47 1.69 -0.40	45.39 1.52 -0.40	39.84 1.38 0.00	36.09 1.09 0.00	34.02 1.12 0.00
BOC_GAS_DRP 24189	30.15 0.71 0.00	27.62 0.59 0.00	25.65 0.55 0.00	24.19 0.52 0.00	24.18 0.52 0.00	25.56 0.53 0.00	28.48 0.59 0.00	30.12 0.65 0.00	31.67 0.68 0.00	34.18 0.70 0.00	36.24 0.71 0.00	37.29 0.77 0.00	39.98 0.82 0.00	43.01 0.76 0.00	44.87 0.84 0.00	49.88 1.03 0.00	55.89 1.26 0.00	61.09 1.43 0.00	58.24 1.31 0.00	49.95 1.21 -0.37	44.89 1.04 -0.37	39.50 1.04 0.00	35.81 0.81 0.00	33.73 0.82 0.00
BOONVILLE_115KV_TB1 79983	30.15 0.71 0.00	27.60 0.57 0.00	25.63 0.53 0.00	24.14 0.47 0.00	24.14 0.47 0.00	25.58 0.55 0.00	28.57 0.67 0.00	30.18 0.71 0.00	31.67 0.68 0.00	34.22 0.67 -0.06	36.21 0.68 0.00	37.44 0.91 0.00	40.14 0.98 0.00	43.44 1.18 0.00	45.35 1.32 0.00	50.37 1.51 0.00	56.33 1.69 0.00	61.57 1.91 0.00	58.92 1.99 0.00	50.12 1.74 0.00	45.23 1.65 -0.11	39.73 1.27 0.00	36.00 0.95 -0.05	33.66 0.76 0.00
BORALEX_4TH_BRANCH 23824	31.15 1.71 0.00	28.51 1.49 0.00	26.48 1.38 0.00	24.97 1.30 0.00	24.94 1.28 0.00	26.38 1.35 0.00	29.43 1.53 0.00	31.10 1.62 0.00	32.63 1.64 0.00	35.16 1.67 0.00	37.34 1.81 0.00	38.42 1.90 0.00	41.16 2.00 0.00	44.24 1.99 0.00	46.15 2.11 0.00	51.34 2.49 0.00	57.86 3.22 0.00	63.36 3.70 0.00	60.46 3.53 0.00	52.19 3.10 -0.72	46.94 2.74 -0.73	40.96 2.50 0.00	37.07 2.07 0.00	34.91 2.01 0.00
BOWLINE___1 23526	30.94 1.50 0.00	28.41 1.38 0.00	26.38 1.28 0.00	24.93 1.25 0.00	24.85 1.18 0.00	26.33 1.30 0.00	29.40 1.51 0.00	30.98 1.50 0.00	32.60 1.61 0.00	35.26 1.77 0.00	37.27 1.74 0.00	38.39 1.86 0.00	41.12 1.96 0.00	44.24 1.99 0.00	46.10 2.07 0.00	51.39 2.54 0.00	57.42 2.78 0.00	62.52 2.86 0.00	59.49 2.56 0.00	50.79 2.32 -0.09	45.56 2.00 -0.09	40.50 2.04 0.00	36.51 1.50 0.00	34.52 1.61 0.00
BOWLINE___2 23595	30.97 1.53 0.00	28.43 1.40 0.00	26.38 1.28 0.00	24.93 1.25 0.00	24.85 1.18 0.00	26.33 1.30 0.00	29.40 1.51 0.00	31.01 1.53 0.00	32.63 1.64 0.00	35.26 1.77 0.00	37.27 1.74 0.00	38.39 1.86 0.00	41.12 1.96 0.00	44.24 1.99 0.00	46.10 2.07 0.00	51.39 2.54 0.00	57.42 2.78 0.00	62.52 2.86 0.00	59.49 2.56 0.00	50.83 2.37 -0.09	45.60 2.04 -0.09	40.50 2.04 0.00	36.51 1.50 0.00	34.55 1.64 0.00
BRADY___115KV_TB2 356060	29.21 -0.24 0.00	26.81 -0.22 0.00	24.88 -0.23 0.00	23.43 -0.24 0.00	23.45 -0.21 0.00	24.83 -0.20 0.00	27.70 -0.20 0.00	29.27 -0.21 0.00	30.68 -0.31 0.00	33.08 -0.40 0.00	35.14 -0.39 0.00	35.90 -0.62 0.00	38.34 -0.82 0.00	41.45 -0.80 0.00	43.28 -0.75 0.00	47.68 -1.17 0.00	52.67 -1.97 0.00	57.63 -2.03 0.00	55.05 -1.88 0.00	46.83 -1.55 0.00	42.25 -1.22 0.00	37.77 -0.69 0.00	34.41 -0.60 0.00	32.28 -0.63 0.00
BRANSCOMB___SOLAR 323811	31.35 1.91 0.00	28.78 1.76 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.13 1.47 0.00	26.63 1.60 0.00	29.65 1.76 0.00	31.27 1.80 0.00	32.85 1.86 0.00	35.46 1.97 0.00	37.38 1.85 0.00	38.53 2.01 0.00	41.35 2.19 0.00	44.45 2.20 0.00	46.45 2.42 0.00	51.69 2.83 0.00	58.08 3.44 0.00	63.83 4.17 0.00	61.42 4.50 0.00	53.33 4.01 -0.94	48.07 3.65 -0.95	41.61 3.15 0.00	37.41 2.41 0.00	35.11 2.20 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.34 2.68 -3.22	32.44 2.35 -3.06	28.65 2.11 -1.44	25.66 1.99 0.00	26.83 1.94 -1.23	28.56 2.10 -1.42	31.32 2.45 -0.97	34.75 2.74 -2.53	36.66 2.97 -2.70	36.72 3.21 -0.02	38.52 2.98 0.00	39.92 3.36 -0.03	42.44 3.25 -0.03	45.88 3.59 -0.03	47.72 3.65 -0.03	52.66 3.81 0.00	58.62 3.99 0.00	63.71 4.06 0.00	60.40 3.47 0.00	51.66 3.19 -0.09	46.85 3.26 -0.12	41.49 3.00 -0.03	37.13 2.14 0.01	35.67 2.76 0.00

BRISTLHL_115KV_TB1 79998	29.12 -0.32 0.00	26.81 -0.22 0.00	24.93 -0.18 0.00	23.51 -0.17 0.00	23.52 -0.14 0.00	24.86 -0.18 0.00	27.67 -0.22 0.00	29.21 -0.27 0.00	30.68 -0.31 0.00	33.65 -0.33 -0.51	35.21 -0.32 0.00	36.38 -0.15 0.00	39.00 -0.16 0.00	42.25 0.00 0.00	43.99 -0.04 0.00	48.80 -0.05 0.00	54.69 0.05 0.00	59.72 0.06 0.00	57.04 0.11 0.00	48.43 0.05 0.00	44.39 0.04 -0.88	38.27 -0.19 0.00	35.24 -0.18 -0.41	32.68 -0.23 0.00
BROOKHAVEN___DRP 24191	34.96 2.30 -3.22	32.12 2.03 -3.06	28.37 1.83 -1.44	25.42 1.75 0.00	26.55 1.66 -1.23	28.31 1.85 -1.42	31.04 2.18 -0.97	34.31 2.30 -2.53	36.32 2.63 -2.70	36.35 2.85 -0.02	38.27 2.74 0.00	39.56 3.03 0.00	42.02 2.86 0.00	45.43 3.17 0.00	47.25 3.21 0.00	52.32 3.47 0.00	58.68 4.04 0.00	63.83 4.18 0.00	60.46 3.53 0.00	51.52 3.05 -0.09	46.43 2.87 -0.10	41.08 2.62 0.00	36.67 1.68 0.01	35.27 2.37 0.00
BROOKLYN_NAVY_YARD 23515	31.59 2.15 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.13 1.47 0.00	26.68 1.65 0.00	29.91 2.01 0.00	31.66 2.18 0.00	33.41 2.42 0.00	36.13 2.64 0.00	38.16 2.63 0.00	39.38 2.85 0.00	42.13 2.97 0.00	45.21 2.96 0.00	47.07 3.04 0.00	52.56 3.71 0.00	58.57 3.94 0.00	63.66 4.00 0.00	60.46 3.53 0.00	51.76 3.29 -0.09	46.43 2.87 -0.09	41.26 2.81 0.00	37.24 2.24 0.00	35.31 2.40 0.00
BROOKLYN___ARMY_DRP 323595	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
BROOKVLE_69_KV_TB1 55790	35.34 2.68 -3.22	32.39 2.30 -3.06	28.60 2.06 -1.44	25.59 1.92 0.00	26.79 1.89 -1.23	28.48 2.03 -1.42	31.24 2.37 -0.97	34.72 2.71 -2.53	36.73 3.04 -2.70	36.82 3.31 -0.02	38.77 3.23 0.00	40.21 3.69 0.00	42.64 3.49 0.00	46.01 3.76 0.00	47.95 3.92 0.00	53.25 4.40 0.00	59.61 4.97 0.00	64.73 5.07 0.00	61.31 4.38 0.00	52.24 3.77 -0.09	46.95 3.39 -0.09	41.69 3.23 0.00	37.62 2.63 0.00	35.80 2.90 0.00
BROOME_2_LFGE 323671	29.82 0.38 0.00	27.49 0.46 0.00	25.50 0.40 0.00	24.03 0.36 0.00	24.06 0.40 0.00	25.48 0.45 0.00	28.31 0.42 0.00	30.01 0.53 0.00	31.55 0.56 0.00	34.19 0.60 -0.11	36.24 0.71 0.00	37.55 1.02 0.00	40.30 1.14 0.00	43.77 1.52 0.00	45.53 1.50 0.00	50.51 1.66 0.00	56.66 2.02 0.00	61.92 2.27 0.00	59.09 2.16 0.00	50.11 1.69 -0.04	45.17 1.48 -0.22	39.73 1.27 0.00	36.10 1.02 -0.09	33.66 0.76 0.00
BROOME___LFGE 323600	29.82 0.38 0.00	27.49 0.46 0.00	25.50 0.40 0.00	24.03 0.36 0.00	24.06 0.40 0.00	25.48 0.45 0.00	28.31 0.42 0.00	30.01 0.53 0.00	31.55 0.56 0.00	34.19 0.60 -0.11	36.24 0.71 0.00	37.55 1.02 0.00	40.30 1.14 0.00	43.77 1.52 0.00	45.53 1.50 0.00	50.51 1.66 0.00	56.66 2.02 0.00	61.92 2.27 0.00	59.09 2.16 0.00	50.11 1.69 -0.04	45.17 1.48 -0.22	39.73 1.27 0.00	36.10 1.02 -0.09	33.66 0.76 0.00
BROWNFLS_115KV_TB_3_5 80003	28.94 -0.50 0.00	26.51 -0.51 0.00	24.60 -0.50 0.00	23.20 -0.47 0.00	23.19 -0.47 0.00	24.58 -0.45 0.00	27.42 -0.47 0.00	28.97 -0.50 0.00	30.37 -0.62 0.00	32.81 -0.77 -0.09	34.71 -0.82 0.00	35.69 -0.84 0.00	38.18 -0.98 0.00	41.28 -0.97 0.00	43.06 -0.97 0.00	47.63 -1.22 0.00	52.89 -1.75 0.00	57.81 -1.85 0.00	55.33 -1.59 0.00	47.17 -1.21 0.00	42.72 -0.91 -0.16	37.73 -0.73 0.00	34.27 -0.81 -0.08	32.02 -0.89 0.00
BROWNSV1_27_KV_LOAD 356125	31.83 2.38 0.00	29.03 2.00 0.00	26.88 1.78 0.00	25.30 1.63 0.00	25.25 1.59 0.00	26.73 1.70 0.00	29.96 2.06 0.00	31.92 2.45 0.00	33.68 2.70 0.00	36.43 2.95 0.00	38.52 2.98 0.00	39.74 3.21 0.00	42.53 3.37 0.00	45.68 3.42 0.00	47.56 3.52 0.00	53.10 4.25 0.00	59.22 4.59 0.00	64.37 4.71 0.00	61.08 4.16 0.00	52.29 3.82 -0.09	46.91 3.35 -0.09	41.61 3.15 0.00	37.77 2.77 0.00	35.67 2.76 0.00
BURROWS___LYONSDAL 23803	30.00 0.56 0.00	27.46 0.43 0.00	25.50 0.40 0.00	24.03 0.36 0.00	24.02 0.35 0.00	25.46 0.43 0.00	28.43 0.53 0.00	30.04 0.56 0.00	31.51 0.53 0.00	34.03 0.47 -0.08	35.99 0.46 0.00	37.18 0.66 0.00	39.90 0.74 0.00	43.14 0.89 0.00	45.05 1.01 0.00	50.03 1.17 0.00	55.89 1.26 0.00	61.15 1.49 0.00	58.52 1.59 0.00	49.83 1.45 0.00	45.04 1.43 -0.14	39.50 1.04 0.00	35.84 0.77 -0.06	33.46 0.56 0.00
CAITHNESS_CC_1 323624	34.99 2.33 -3.22	32.20 2.11 -3.06	28.48 1.93 -1.44	25.54 1.87 0.00	26.67 1.78 -1.23	28.46 2.00 -1.42	31.21 2.34 -0.97	34.34 2.33 -2.53	36.32 2.63 -2.70	36.35 2.84 -0.02	38.20 2.67 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.30 3.04 0.00	47.12 3.08 0.00	52.22 3.37 0.00	58.51 3.88 0.00	63.59 3.94 0.00	60.29 3.36 0.00	51.42 2.95 -0.09	46.30 2.74 -0.10	41.00 2.54 0.00	36.46 1.47 0.01	35.04 2.14 0.00
CALPINE BETH_PAGE_GT4 24209	35.08 2.41 -3.22	32.17 2.08 -3.06	28.40 1.86 -1.44	25.40 1.73 0.00	26.60 1.70 -1.23	28.28 1.83 -1.42	31.02 2.15 -0.97	34.45 2.45 -2.53	36.39 2.70 -2.70	36.45 2.95 -0.02	38.09 2.56 0.00	39.49 2.96 0.00	42.02 2.86 0.00	45.34 3.08 0.00	47.20 3.17 0.00	52.37 3.52 0.00	58.62 3.99 0.00	63.71 4.06 0.00	60.40 3.47 0.00	51.47 3.00 -0.09	46.30 2.74 -0.09	41.08 2.62 0.00	37.10 2.10 0.01	35.41 2.50 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.11 2.44 -3.22	32.25 2.16 -3.06	28.53 1.98 -1.44	25.54 1.87 0.00	26.72 1.82 -1.23	28.46 2.00 -1.42	31.21 2.34 -0.97	34.48 2.48 -2.53	36.38 2.69 -2.70	36.45 2.95 -0.02	38.09 2.56 0.00	39.45 2.92 0.00	41.98 2.82 0.00	45.34 3.08 0.00	47.21 3.17 0.00	52.37 3.52 0.00	58.62 3.99 0.00	63.66 4.00 0.00	60.40 3.47 0.00	51.47 3.00 -0.09	46.30 2.74 -0.09	41.08 2.62 0.00	36.92 1.92 0.01	35.28 2.37 0.00
CALPINE_BP_GT1 23823	35.11 2.44 -3.22	32.25 2.16 -3.06	28.53 1.98 -1.44	25.54 1.87 0.00	26.72 1.82 -1.23	28.46 2.00 -1.42	31.21 2.34 -0.97	34.48 2.48 -2.53	36.38 2.69 -2.70	36.45 2.95 -0.02	38.09 2.56 0.00	39.45 2.92 0.00	41.98 2.82 0.00	45.34 3.08 0.00	47.21 3.17 0.00	52.37 3.52 0.00	58.62 3.99 0.00	63.66 4.00 0.00	60.40 3.47 0.00	51.47 3.00 -0.09	46.30 2.74 -0.09	41.08 2.62 0.00	36.92 1.92 0.01	35.28 2.37 0.00
CALSPAN___DRP 24200	29.50 0.06 0.00	26.87 -0.16 0.00	25.18 0.08 0.00	23.86 0.19 0.00	23.97 0.31 0.00	25.41 0.38 0.00	27.81 -0.08 0.00	29.48 0.00 0.00	31.30 0.31 0.00	33.68 0.20 0.00	36.28 0.75 0.00	37.91 1.39 0.00	40.88 1.72 0.00	45.21 2.96 0.00	46.41 2.38 0.00	51.44 2.59 0.00	58.08 3.44 0.00	62.70 3.04 0.00	60.69 3.76 0.00	50.84 2.47 0.00	45.47 2.00 0.00	39.50 1.04 0.00	36.05 1.05 0.00	33.96 1.05 0.00

CALVERTON___SOLAR 323806	35.08 2.41 -3.22	32.28 2.19 -3.06	28.55 2.01 -1.44	25.61 1.94 0.00	26.74 1.85 -1.23	28.53 2.08 -1.42	31.29 2.43 -0.97	34.39 2.39 -2.53	36.45 2.76 -2.70	36.45 2.95 -0.02	38.41 2.88 0.00	39.71 3.18 0.00	42.18 3.02 0.00	45.59 3.34 0.00	47.43 3.39 0.00	52.56 3.71 0.00	59.01 4.37 0.00	64.07 4.41 0.00	60.74 3.81 0.00	51.76 3.29 -0.09	46.61 3.04 -0.10	41.23 2.77 0.00	36.60 1.61 0.01	35.17 2.27 0.00
CANDIGU_WT_PWR 323617	29.68 0.23 0.00	27.51 0.49 0.00	25.55 0.45 0.00	23.98 0.31 0.00	24.14 0.47 0.00	25.56 0.53 0.00	28.20 0.31 0.00	29.89 0.41 0.00	31.51 0.53 0.00	34.07 0.53 -0.06	36.28 0.75 0.00	37.77 1.24 0.00	40.61 1.45 0.00	44.53 2.28 0.00	46.02 1.98 0.00	51.00 2.15 0.00	57.31 2.68 0.00	62.70 3.04 0.00	59.94 3.02 0.00	50.50 2.13 0.00	45.40 1.83 -0.10	39.92 1.46 0.00	36.31 1.26 -0.05	33.86 0.95 0.00
CARR STREET_E_SYR 24060	29.29 -0.15 0.00	26.95 -0.08 0.00	25.03 -0.08 0.00	23.58 -0.09 0.00	23.59 -0.07 0.00	24.93 -0.10 0.00	27.76 -0.14 0.00	29.42 -0.06 0.00	30.92 -0.06 0.00	33.60 -0.03 -0.15	35.57 0.04 0.00	36.78 0.26 0.00	39.51 0.35 0.00	42.80 0.55 0.00	44.56 0.53 0.00	49.44 0.59 0.00	55.34 0.71 0.00	60.49 0.83 0.00	57.72 0.80 0.00	48.91 0.53 0.00	44.21 0.48 -0.26	38.73 0.27 0.00	35.30 0.18 -0.12	32.97 0.07 0.00
CARTHAGE___PAPER 23857	29.35 -0.09 0.00	26.87 -0.16 0.00	24.93 -0.17 0.00	23.51 -0.16 0.00	23.52 -0.14 0.00	24.93 -0.10 0.00	27.84 -0.06 0.00	29.45 -0.03 0.00	30.80 -0.18 0.00	33.31 -0.37 -0.19	35.11 -0.42 0.00	36.23 -0.29 0.00	38.81 -0.35 0.00	42.00 -0.25 0.00	43.68 -0.35 0.00	48.46 -0.39 0.00	54.09 -0.55 0.00	59.24 -0.41 0.00	56.93 0.00 0.00	48.67 0.29 0.00	44.28 0.48 -0.34	38.54 0.08 0.00	35.16 0.00 -0.16	32.68 -0.23 0.00
CASSADAGA_WT_PWR 323784	30.50 1.06 0.00	28.33 1.30 0.00	26.28 1.18 0.00	24.62 0.95 0.00	24.82 1.16 0.00	26.28 1.25 0.00	28.87 0.98 0.00	30.77 1.30 0.00	32.50 1.52 0.00	34.95 1.47 0.00	37.66 2.13 0.00	39.45 2.92 0.00	42.64 3.48 0.00	47.11 4.86 0.00	48.35 4.32 0.00	53.54 4.69 0.00	60.21 5.58 0.00	65.44 5.79 0.00	62.79 5.86 0.00	52.78 4.40 0.00	47.30 3.83 0.00	41.30 2.85 0.00	37.52 2.52 0.00	34.85 1.94 0.00
CE_DUNWOOD___DRP 24194	31.30 1.85 0.00	28.60 1.57 0.00	26.51 1.41 0.00	24.97 1.30 0.00	24.92 1.25 0.00	26.38 1.35 0.00	29.51 1.62 0.00	31.36 1.89 0.00	33.06 2.08 0.00	35.76 2.28 0.00	37.77 2.24 0.00	38.97 2.45 0.00	41.70 2.55 0.00	44.83 2.58 0.00	46.72 2.69 0.00	52.08 3.22 0.00	58.18 3.55 0.00	63.36 3.70 0.00	60.17 3.24 0.00	51.42 2.95 -0.09	46.13 2.56 -0.09	40.88 2.42 0.00	37.07 2.07 0.00	35.01 2.11 0.00
CE_MILLWOOD___DRP 24193	31.21 1.77 0.00	28.54 1.51 0.00	26.43 1.33 0.00	24.93 1.25 0.00	24.87 1.21 0.00	26.33 1.30 0.00	29.43 1.53 0.00	31.27 1.80 0.00	32.94 1.95 0.00	35.62 2.14 0.00	37.66 2.13 0.00	38.83 2.30 0.00	41.59 2.43 0.00	44.70 2.45 0.00	46.59 2.55 0.00	51.93 3.08 0.00	58.02 3.39 0.00	63.18 3.52 0.00	60.06 3.13 0.00	51.32 2.85 -0.09	46.04 2.48 -0.09	40.80 2.35 0.00	36.96 1.96 0.00	34.91 2.01 0.00
CE_NYC2_DRP 24202	31.66 2.21 -0.01	28.89 1.86 0.00	26.73 1.63 0.00	25.16 1.49 0.00	25.08 1.42 0.00	26.53 1.50 0.00	29.74 1.84 0.00	31.69 2.21 0.00	33.47 2.48 0.00	36.23 2.75 0.00	38.20 2.66 0.00	39.37 2.85 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.07 3.04 0.00	52.52 3.66 0.00	58.46 3.82 0.00	63.48 3.82 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.34 2.78 -0.09	41.15 2.69 0.00	37.45 2.45 0.00	35.48 2.57 -0.01
CE_NYC_DRP 24195	31.56 2.12 0.00	28.81 1.78 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.06 1.40 0.00	26.51 1.48 0.00	29.74 1.84 0.00	31.66 2.18 0.00	33.40 2.42 0.00	36.13 2.65 0.00	38.16 2.63 0.00	39.37 2.85 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.57 3.71 0.00	58.62 3.99 0.00	63.71 4.06 0.00	60.46 3.53 0.00	51.76 3.29 -0.09	46.43 2.87 -0.09	41.19 2.73 0.00	37.42 2.42 0.00	35.37 2.47 0.00
CHAFFEE___LFGE 323603	29.56 0.12 0.00	27.49 0.46 0.00	25.53 0.43 0.00	23.93 0.26 0.00	24.16 0.50 0.00	25.50 0.47 0.00	27.98 0.08 0.00	29.59 0.12 0.00	31.42 0.43 0.00	33.85 0.37 0.00	36.42 0.89 0.00	38.13 1.61 0.00	41.16 2.00 0.00	45.46 3.21 0.00	46.72 2.69 0.00	51.78 2.93 0.00	58.51 3.88 0.00	63.96 4.30 0.00	61.08 4.15 0.00	51.18 2.80 0.00	45.77 2.30 0.00	40.19 1.73 0.00	36.61 1.61 0.00	34.19 1.28 0.00
CHATEAUG_35_KV_LOAD 355732	29.53 0.09 0.00	27.08 0.05 0.00	25.08 -0.03 0.00	23.60 -0.07 0.00	23.64 -0.02 0.00	25.06 0.03 0.00	28.04 0.14 0.00	29.65 0.18 0.00	31.14 0.15 0.00	33.68 0.20 0.00	35.89 0.36 0.00	36.71 0.18 0.00	39.32 0.16 0.00	42.46 0.21 0.00	44.25 0.22 0.00	48.12 -0.73 0.00	53.43 -1.20 0.00	58.40 -1.25 0.00	55.79 -1.14 0.00	47.22 -1.16 0.00	42.77 -0.70 0.00	37.69 -0.77 0.00	34.20 -0.81 0.00	31.92 -0.99 0.00
CHATEAUG_WT_PWR 323614	30.21 0.76 0.00	27.70 0.68 0.00	25.65 0.55 0.00	24.12 0.45 0.00	24.18 0.52 0.00	25.63 0.60 0.00	28.76 0.87 0.00	30.42 0.94 0.00	31.95 0.96 0.00	34.62 1.14 0.00	36.99 1.46 0.00	37.95 1.42 0.00	40.61 1.45 0.00	43.90 1.65 0.00	45.80 1.76 0.00	48.90 0.05 0.00	54.03 -0.60 0.00	58.82 -0.84 0.00	56.25 -0.68 0.00	47.46 -0.92 0.00	43.21 -0.26 0.00	37.69 -0.77 0.00	34.30 -0.70 0.00	31.79 -1.12 0.00
CHAT_HIGH_FALL_HYD 323578	29.53 0.09 0.00	27.08 0.05 0.00	25.08 -0.03 0.00	23.60 -0.07 0.00	23.64 -0.02 0.00	25.06 0.03 0.00	28.04 0.14 0.00	29.65 0.18 0.00	31.14 0.15 0.00	33.68 0.20 0.00	35.89 0.36 0.00	36.71 0.18 0.00	39.32 0.16 0.00	42.46 0.21 0.00	44.25 0.22 0.00	48.12 -0.73 0.00	53.43 -1.20 0.00	58.40 -1.25 0.00	55.79 -1.14 0.00	47.22 -1.16 0.00	42.77 -0.70 0.00	37.69 -0.77 0.00	34.20 -0.81 0.00	31.92 -0.99 0.00
CHAUTAUQUA___LFGE 323629	30.09 0.65 0.00	27.97 0.95 0.00	25.98 0.88 0.00	24.36 0.69 0.00	24.54 0.88 0.00	25.96 0.93 0.00	28.48 0.59 0.00	30.24 0.77 0.00	32.04 1.05 0.00	34.49 1.00 0.00	37.13 1.60 0.00	38.86 2.34 0.00	41.98 2.82 0.00	46.35 4.10 0.00	47.60 3.57 0.00	52.71 3.86 0.00	59.44 4.81 0.00	64.85 5.19 0.00	62.11 5.18 0.00	52.10 3.73 0.00	46.64 3.17 0.00	40.88 2.42 0.00	37.24 2.24 0.00	34.62 1.71 0.00
CHERRYST_13_KV_LD 356241	31.68 2.24 0.00	28.92 1.89 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.13 1.47 0.00	26.61 1.58 0.00	29.85 1.95 0.00	31.80 2.33 0.00	33.59 2.60 0.00	36.33 2.85 0.00	38.37 2.84 0.00	39.59 3.07 0.00	42.37 3.21 0.00	45.51 3.25 0.00	47.38 3.35 0.00	52.91 4.05 0.00	58.95 4.32 0.00	64.01 4.35 0.00	60.74 3.81 0.00	51.95 3.48 -0.09	46.60 3.04 -0.09	41.38 2.92 0.00	37.56 2.56 0.00	35.47 2.57 0.00

CHESTROR_138KV_BK263 355645	30.82 1.38 0.00	28.22 1.19 0.00	26.16 1.05 0.00	24.67 0.99 0.00	24.61 0.95 0.00	26.06 1.03 0.00	29.10 1.20 0.00	30.80 1.33 0.00	32.47 1.49 0.00	35.12 1.64 0.00	37.13 1.60 0.00	38.24 1.72 0.00	40.96 1.80 0.00	44.07 1.82 0.00	45.97 1.94 0.00	51.25 2.39 0.00	57.26 2.62 0.00	62.46 2.80 0.00	59.43 2.50 0.00	50.73 2.27 -0.08	45.51 1.96 -0.08	40.30 1.85 0.00	36.54 1.54 0.00	34.48 1.58 0.00
CH_MIDHUDSON___DRP 24192	31.18 1.74 0.00	28.51 1.49 0.00	26.43 1.33 0.00	24.93 1.25 0.00	24.87 1.21 0.00	26.31 1.28 0.00	29.40 1.51 0.00	31.13 1.65 0.00	32.81 1.83 0.00	35.49 2.01 0.00	37.56 2.03 0.00	38.64 2.12 0.00	41.47 2.31 0.00	44.58 2.32 0.00	46.45 2.42 0.00	51.78 2.93 0.00	57.97 3.33 0.00	63.24 3.58 0.00	60.17 3.24 0.00	51.38 2.90 -0.10	46.05 2.48 -0.10	40.77 2.31 0.00	36.93 1.93 0.00	34.88 1.97 0.00
CH_MISC_IPPS 23765	31.38 1.94 0.00	28.73 1.70 0.00	26.68 1.58 0.00	25.16 1.49 0.00	25.08 1.42 0.00	26.56 1.53 0.00	29.68 1.79 0.00	31.24 1.77 0.00	32.97 1.98 0.00	35.66 2.18 0.00	37.74 2.20 0.00	38.79 2.27 0.00	41.67 2.51 0.00	44.79 2.54 0.00	46.72 2.69 0.00	52.13 3.27 0.00	58.29 3.66 0.00	63.59 3.94 0.00	60.57 3.65 0.00	51.66 3.19 -0.09	46.31 2.74 -0.10	41.04 2.58 0.00	37.00 1.99 0.00	34.98 2.07 0.00
CH_RES_BVR_FALLS 23983	28.97 -0.47 0.00	26.57 -0.46 0.00	24.65 -0.45 0.00	23.22 -0.45 0.00	23.24 -0.43 0.00	24.58 -0.45 0.00	27.42 -0.47 0.00	29.00 -0.47 0.00	30.55 -0.43 0.00	33.05 -0.44 0.00	35.11 -0.42 0.00	35.98 -0.55 0.00	38.49 -0.67 0.00	41.49 -0.76 0.00	43.24 -0.79 0.00	47.82 -1.03 0.00	53.32 -1.31 0.00	58.23 -1.43 0.00	55.51 -1.42 0.00	47.12 -1.26 0.00	42.34 -1.13 0.00	37.34 -1.12 0.00	34.09 -0.91 0.00	32.02 -0.89 0.00
CH_RES_NIAGARA 23895	28.35 -1.09 0.00	25.89 -1.14 0.00	24.30 -0.80 0.00	23.03 -0.64 0.00	23.17 -0.50 0.00	24.53 -0.50 0.00	26.78 -1.12 0.00	28.15 -1.33 0.00	29.90 -1.08 0.00	32.18 -1.31 0.00	34.64 -0.89 0.00	36.16 -0.37 0.00	38.96 -0.20 0.00	43.06 0.80 0.00	44.16 0.13 0.00	48.90 0.05 0.00	55.18 0.55 0.00	59.72 0.06 0.00	57.84 0.91 0.00	48.43 0.05 0.00	43.30 -0.17 0.00	37.77 -0.69 0.00	34.48 -0.53 0.00	32.68 -0.23 0.00
CH_RES_SYRACUSE 23985	29.47 0.03 0.00	27.11 0.08 0.00	25.15 0.05 0.00	23.70 0.02 0.00	23.73 0.07 0.00	25.06 0.03 0.00	27.90 0.00 0.00	29.56 0.09 0.00	31.08 0.09 0.00	33.90 0.13 -0.28	35.71 0.18 0.00	36.93 0.40 0.00	39.67 0.51 0.00	43.01 0.76 0.00	44.83 0.79 0.00	49.68 0.83 0.00	55.67 1.04 0.00	60.85 1.19 0.00	58.01 1.08 0.00	49.15 0.77 0.00	44.69 0.74 -0.49	38.96 0.50 0.00	35.62 0.39 -0.23	33.14 0.23 0.00
CLINTON_WT_PWR 323605	30.21 0.76 0.00	27.70 0.68 0.00	25.65 0.55 0.00	24.12 0.45 0.00	24.18 0.52 0.00	25.63 0.60 0.00	28.76 0.87 0.00	30.42 0.94 0.00	31.95 0.96 0.00	34.62 1.14 0.00	36.99 1.46 0.00	37.95 1.42 0.00	40.61 1.45 0.00	43.90 1.65 0.00	45.80 1.76 0.00	48.90 0.05 0.00	54.03 -0.60 0.00	58.82 -0.84 0.00	56.25 -0.68 0.00	47.46 -0.92 0.00	43.21 -0.26 0.00	37.69 -0.77 0.00	34.30 -0.70 0.00	31.79 -1.12 0.00
CLINTON___LFGE 323618	30.21 0.76 0.00	27.70 0.68 0.00	25.65 0.55 0.00	24.12 0.45 0.00	24.18 0.52 0.00	25.66 0.63 0.00	28.76 0.87 0.00	30.42 0.94 0.00	31.95 0.96 0.00	34.58 1.10 0.00	36.92 1.38 0.00	37.84 1.31 0.00	40.53 1.37 0.00	43.86 1.61 0.00	45.75 1.72 0.00	49.05 0.20 0.00	54.25 -0.38 0.00	59.24 -0.41 0.00	56.64 -0.28 0.00	47.80 -0.58 0.00	43.56 0.09 0.00	37.96 -0.50 0.00	34.58 -0.42 0.00	32.15 -0.76 0.00
COBBLENY_34_KV_TB1 80064	29.56 0.12 0.00	26.92 -0.11 0.00	25.23 0.13 0.00	23.91 0.24 0.00	24.02 0.35 0.00	25.48 0.45 0.00	27.87 -0.03 0.00	29.62 0.15 0.00	31.42 0.43 0.00	33.85 0.37 0.00	36.42 0.89 0.00	38.10 1.57 0.00	41.12 1.96 0.00	45.46 3.21 0.00	46.72 2.69 0.00	51.78 2.93 0.00	58.51 3.88 0.00	63.18 3.52 0.00	61.08 4.16 0.00	51.18 2.81 0.00	45.77 2.30 0.00	39.73 1.27 0.00	36.19 1.19 0.00	34.06 1.15 0.00
COFFEEN___115KV_TB3 355620	29.74 0.29 0.00	27.22 0.19 0.00	25.28 0.18 0.00	23.81 0.14 0.00	23.83 0.17 0.00	25.26 0.23 0.00	28.23 0.33 0.00	29.80 0.32 0.00	31.11 0.12 0.00	33.72 0.00 -0.24	35.46 -0.07 0.00	36.67 0.15 0.00	39.28 0.12 0.00	42.55 0.30 0.00	44.25 0.22 0.00	49.19 0.34 0.00	54.91 0.27 0.00	60.13 0.48 0.00	57.95 1.02 0.00	49.68 1.31 0.00	45.31 1.43 -0.41	39.34 0.88 0.00	35.75 0.56 -0.19	33.17 0.26 0.00
COLDSPRG_115KV_BK1 355956	30.71 1.27 0.00	27.87 0.84 0.00	26.08 0.98 0.00	24.71 1.04 0.00	24.80 1.14 0.00	26.41 1.38 0.00	28.98 1.09 0.00	31.16 1.68 0.00	32.94 1.95 0.00	35.42 1.94 0.00	38.20 2.66 0.00	39.99 3.47 0.00	43.11 3.96 0.00	47.66 5.41 0.00	48.83 4.80 0.00	54.13 5.28 0.00	60.92 6.28 0.00	65.44 5.79 0.00	63.47 6.55 0.00	53.31 4.93 0.00	47.77 4.30 0.00	41.27 2.81 0.00	37.63 2.63 0.00	35.14 2.24 0.00
COLONIE_LFGE___ 323577	30.83 1.38 0.00	28.27 1.24 0.00	26.28 1.18 0.00	24.76 1.09 0.00	24.75 1.09 0.00	26.21 1.18 0.00	29.21 1.31 0.00	30.80 1.33 0.00	32.32 1.33 0.00	34.89 1.41 0.00	36.95 1.42 0.00	38.06 1.53 0.00	40.80 1.64 0.00	43.90 1.65 0.00	45.84 1.81 0.00	50.95 2.10 0.00	57.26 2.62 0.00	62.70 3.04 0.00	59.94 3.02 0.00	51.92 2.71 -0.84	46.71 2.39 -0.85	40.65 2.19 0.00	36.68 1.68 0.00	34.52 1.61 0.00
COOPERNY_115KV_TB1 80082	30.44 1.00 0.00	27.89 0.86 0.00	25.86 0.75 0.00	24.38 0.71 0.00	24.35 0.69 0.00	25.78 0.75 0.00	28.76 0.86 0.00	30.48 1.00 0.00	32.07 1.08 0.00	34.65 1.17 0.00	36.70 1.17 0.00	37.84 1.31 0.00	40.53 1.37 0.00	43.65 1.39 0.00	45.53 1.50 0.00	50.66 1.81 0.00	56.66 2.02 0.00	61.81 2.15 0.00	58.86 1.94 0.00	50.18 1.74 -0.06	45.05 1.52 -0.06	39.88 1.42 0.00	36.16 1.16 0.00	34.06 1.15 0.00
COPENHAGEN_WT_PWR 323753	29.44 0.00 0.00	26.95 -0.08 0.00	25.00 -0.10 0.00	23.58 -0.09 0.00	23.59 -0.07 0.00	24.98 -0.05 0.00	27.90 0.00 0.00	29.54 0.06 0.00	30.86 -0.12 0.00	33.50 -0.23 -0.25	35.21 -0.32 0.00	36.42 -0.11 0.00	39.00 -0.16 0.00	42.25 0.00 0.00	43.94 -0.09 0.00	48.80 -0.05 0.00	54.47 -0.16 0.00	59.66 0.00 0.00	57.33 0.40 0.00	49.05 0.68 0.00	44.72 0.82 -0.43	38.80 0.35 0.00	35.42 0.21 -0.20	32.87 -0.03 0.00
CORNELL_____ 23752	30.27 0.82 0.00	27.76 0.73 0.00	25.78 0.68 0.00	24.31 0.64 0.00	24.33 0.66 0.00	25.78 0.75 0.00	28.70 0.81 0.00	30.42 0.94 0.00	31.82 0.84 0.00	34.50 0.87 -0.15	36.49 0.96 0.00	37.77 1.24 0.00	40.57 1.41 0.00	44.03 1.77 0.00	45.84 1.81 0.00	50.86 2.00 0.00	57.09 2.46 0.00	62.40 2.74 0.00	59.83 2.90 0.00	50.78 2.37 -0.03	45.89 2.13 -0.29	40.00 1.54 0.00	36.46 1.33 -0.12	33.99 1.09 0.00

CORONA V_69_KV_TB1 355595	35.22 2.56 -3.22	32.31 2.22 -3.06	28.53 1.98 -1.44	25.52 1.85 0.00	26.69 1.80 -1.23	28.38 1.93 -1.42	31.10 2.23 -0.97	34.57 2.56 -2.53	36.51 2.82 -2.70	36.58 3.08 -0.02	38.41 2.88 0.00	39.85 3.32 0.00	42.45 3.29 0.00	45.76 3.51 0.00	47.69 3.65 0.00	52.86 4.01 0.00	59.17 4.53 0.00	64.31 4.65 0.00	61.03 4.10 0.00	52.05 3.58 -0.09	46.73 3.17 -0.09	41.54 3.08 0.00	37.52 2.52 0.00	35.70 2.80 0.00
CORTLAND_115KV_TB3 80093	30.09 0.65 0.00	27.60 0.57 0.00	25.63 0.53 0.00	24.17 0.50 0.00	24.18 0.52 0.00	25.63 0.60 0.00	28.54 0.64 0.00	30.21 0.74 0.00	31.70 0.71 0.00	34.40 0.77 -0.14	36.35 0.82 0.00	37.62 1.10 0.00	40.37 1.21 0.00	43.82 1.56 0.00	45.62 1.59 0.00	50.66 1.81 0.00	56.82 2.19 0.00	62.04 2.39 0.00	59.38 2.45 0.00	50.36 1.98 0.00	45.55 1.83 -0.25	39.80 1.35 0.00	36.24 1.12 -0.12	33.83 0.92 0.00
COXSACKIE___GT 23611	31.47 2.03 0.00	28.81 1.78 0.00	26.81 1.71 0.00	25.26 1.59 0.00	25.25 1.59 0.00	26.68 1.65 0.00	29.71 1.81 0.00	30.92 1.44 0.00	32.54 1.55 0.00	35.02 1.54 0.00	36.95 1.42 0.00	37.80 1.28 0.00	40.69 1.53 0.00	43.86 1.61 0.00	45.88 1.85 0.00	51.10 2.25 0.00	57.53 2.89 0.00	63.66 4.00 0.00	61.14 4.21 0.00	52.18 3.44 -0.37	46.88 3.04 -0.37	41.30 2.85 0.00	37.17 2.17 0.00	35.08 2.17 0.00
CPV_VALLEY___CC1 323721	30.62 1.18 0.00	28.08 1.05 0.00	26.08 0.98 0.00	24.59 0.92 0.00	24.56 0.90 0.00	26.01 0.98 0.00	29.04 1.14 0.00	30.62 1.15 0.00	32.23 1.24 0.00	34.85 1.37 0.00	36.85 1.32 0.00	37.95 1.42 0.00	40.69 1.53 0.00	43.77 1.52 0.00	45.62 1.58 0.00	50.86 2.00 0.00	56.82 2.19 0.00	61.92 2.27 0.00	58.92 1.99 0.00	50.34 1.88 -0.07	45.15 1.61 -0.07	40.07 1.61 0.00	36.19 1.19 0.00	34.19 1.28 0.00
CPV_VALLEY___CC2 323722	30.62 1.18 0.00	28.08 1.05 0.00	26.08 0.98 0.00	24.59 0.92 0.00	24.56 0.90 0.00	26.01 0.98 0.00	29.04 1.14 0.00	30.62 1.15 0.00	32.23 1.24 0.00	34.85 1.37 0.00	36.85 1.32 0.00	37.95 1.42 0.00	40.69 1.53 0.00	43.77 1.52 0.00	45.62 1.58 0.00	50.86 2.00 0.00	56.82 2.19 0.00	61.92 2.27 0.00	58.92 1.99 0.00	50.34 1.88 -0.07	45.15 1.61 -0.07	40.07 1.61 0.00	36.19 1.19 0.00	34.19 1.28 0.00
CRESCENT___HYD 24018	30.83 1.38 0.00	28.27 1.24 0.00	26.28 1.18 0.00	24.76 1.09 0.00	24.75 1.09 0.00	26.21 1.18 0.00	29.21 1.31 0.00	30.80 1.33 0.00	32.32 1.33 0.00	34.89 1.41 0.00	36.95 1.42 0.00	38.06 1.53 0.00	40.80 1.64 0.00	43.90 1.65 0.00	45.84 1.81 0.00	50.95 2.10 0.00	57.26 2.62 0.00	62.70 3.04 0.00	59.94 3.02 0.00	51.92 2.71 -0.84	46.71 2.39 -0.85	40.65 2.19 0.00	36.68 1.68 0.00	34.52 1.61 0.00
CRICKET___VALLEY_CC1 323756	31.00 1.56 0.00	28.41 1.38 0.00	26.38 1.28 0.00	24.90 1.23 0.00	24.85 1.18 0.00	26.33 1.30 0.00	29.40 1.51 0.00	31.01 1.53 0.00	32.60 1.61 0.00	35.19 1.71 0.00	37.27 1.74 0.00	38.39 1.86 0.00	41.12 1.96 0.00	44.16 1.90 0.00	46.06 2.03 0.00	51.29 2.44 0.00	57.53 2.89 0.00	62.70 3.04 0.00	59.72 2.79 0.00	51.00 2.51 -0.11	45.80 2.22 -0.11	40.61 2.15 0.00	36.65 1.65 0.00	34.65 1.74 0.00
CRICKET___VALLEY_CC2 323757	31.00 1.56 0.00	28.41 1.38 0.00	26.38 1.28 0.00	24.90 1.23 0.00	24.85 1.18 0.00	26.33 1.30 0.00	29.40 1.51 0.00	31.01 1.53 0.00	32.60 1.61 0.00	35.19 1.71 0.00	37.27 1.74 0.00	38.39 1.86 0.00	41.12 1.96 0.00	44.16 1.90 0.00	46.06 2.03 0.00	51.29 2.44 0.00	57.53 2.89 0.00	62.70 3.04 0.00	59.72 2.79 0.00	51.00 2.51 -0.11	45.80 2.22 -0.11	40.61 2.15 0.00	36.65 1.65 0.00	34.65 1.74 0.00
CRICKET___VALLEY_CC3 323758	31.00 1.56 0.00	28.41 1.38 0.00	26.38 1.28 0.00	24.90 1.23 0.00	24.85 1.18 0.00	26.33 1.30 0.00	29.40 1.51 0.00	31.01 1.53 0.00	32.60 1.61 0.00	35.19 1.71 0.00	37.27 1.74 0.00	38.39 1.86 0.00	41.12 1.96 0.00	44.16 1.90 0.00	46.06 2.03 0.00	51.29 2.44 0.00	57.53 2.89 0.00	62.70 3.04 0.00	59.72 2.79 0.00	51.00 2.51 -0.11	45.80 2.22 -0.11	40.61 2.15 0.00	36.65 1.65 0.00	34.65 1.74 0.00
CRUCIBLE_METL_DRP 24180	29.50 0.06 0.00	27.14 0.11 0.00	25.20 0.10 0.00	23.77 0.09 0.00	23.78 0.12 0.00	25.16 0.13 0.00	28.01 0.11 0.00	29.59 0.12 0.00	31.08 0.09 -0.28	33.90 0.13 0.00	35.71 0.18 0.00	36.93 0.40 0.00	39.67 0.51 0.00	43.01 0.76 0.00	44.83 0.79 0.00	49.68 0.83 0.00	55.67 1.04 0.00	60.73 1.07 0.00	58.01 1.08 0.00	49.15 0.77 0.00	44.69 0.74 -0.49	38.84 0.38 0.00	35.55 0.32 -0.23	33.14 0.23 0.00
DAHOWA___HYDRO 323763	31.47 2.03 0.00	28.92 1.89 0.00	26.78 1.68 0.00	25.23 1.56 0.00	25.22 1.56 0.00	26.76 1.73 0.00	29.79 1.90 0.00	31.42 1.94 0.00	32.97 1.98 0.00	35.63 2.14 0.00	37.48 1.95 0.00	38.68 2.15 0.00	41.55 2.39 0.00	44.62 2.36 0.00	46.63 2.60 0.00	51.88 3.03 0.00	58.29 3.66 0.00	64.13 4.48 0.00	61.82 4.90 0.00	53.69 4.36 -0.95	48.43 4.00 -0.97	41.88 3.42 0.00	37.63 2.63 0.00	35.28 2.37 0.00
DANC___LFGE 323619	29.27 -0.18 0.00	26.84 -0.19 0.00	24.90 -0.20 0.00	23.48 -0.19 0.00	23.50 -0.16 0.00	24.86 -0.17 0.00	27.73 -0.17 0.00	29.36 -0.12 0.00	30.71 -0.28 0.00	33.43 -0.37 -0.31	35.11 -0.42 0.00	36.31 -0.22 0.00	38.89 -0.27 0.00	42.13 -0.13 0.00	43.81 -0.22 0.00	48.66 -0.19 0.00	54.36 -0.27 0.00	59.54 -0.12 0.00	57.04 0.11 0.00	48.67 0.29 0.00	44.40 0.39 -0.54	38.50 0.04 0.00	35.26 0.00 -0.25	32.77 -0.13 0.00
DANSKAMMER___1 23586	31.38 1.94 0.00	28.73 1.70 0.00	26.68 1.58 0.00	25.16 1.49 0.00	25.08 1.42 0.00	26.56 1.53 0.00	29.68 1.79 0.00	31.24 1.77 0.00	32.97 1.98 0.00	35.66 2.18 0.00	37.74 2.20 0.00	38.79 2.27 0.00	41.67 2.51 0.00	44.79 2.54 0.00	46.72 2.69 0.00	52.13 3.27 0.00	58.29 3.66 0.00	63.59 3.94 0.00	60.57 3.65 0.00	51.66 3.19 -0.09	46.31 2.74 -0.10	41.04 2.58 0.00	37.00 1.99 0.00	34.98 2.07 0.00
DANSKAMMER___2 23589	31.38 1.94 0.00	28.73 1.70 0.00	26.68 1.58 0.00	25.16 1.49 0.00	25.08 1.42 0.00	26.56 1.53 0.00	29.68 1.79 0.00	31.24 1.77 0.00	32.97 1.98 0.00	35.66 2.18 0.00	37.74 2.20 0.00	38.79 2.27 0.00	41.67 2.51 0.00	44.79 2.54 0.00	46.72 2.69 0.00	52.13 3.27 0.00	58.29 3.66 0.00	63.59 3.94 0.00	60.57 3.65 0.00	51.66 3.19 -0.09	46.31 2.74 -0.10	41.04 2.58 0.00	37.00 1.99 0.00	34.98 2.07 0.00
DANSKAMMER___3 23590	31.38 1.94 0.00	28.73 1.70 0.00	26.68 1.58 0.00	25.16 1.49 0.00	25.08 1.42 0.00	26.56 1.53 0.00	29.68 1.79 0.00	31.24 1.77 0.00	32.97 1.98 0.00	35.66 2.18 0.00	37.74 2.20 0.00	38.79 2.27 0.00	41.67 2.51 0.00	44.79 2.54 0.00	46.72 2.69 0.00	52.13 3.27 0.00	58.29 3.66 0.00	63.59 3.94 0.00	60.57 3.65 0.00	51.66 3.19 -0.09	46.31 2.74 -0.10	41.04 2.58 0.00	37.00 1.99 0.00	34.98 2.07 0.00

DANSKAMMER___4 23591	31.38 1.94 0.00	28.73 1.70 0.00	26.68 1.58 0.00	25.16 1.49 0.00	25.08 1.42 0.00	26.56 1.53 0.00	29.68 1.79 0.00	31.24 1.77 0.00	32.97 1.98 0.00	35.66 2.18 0.00	37.74 2.20 0.00	38.79 2.27 0.00	41.67 2.51 0.00	44.79 2.54 0.00	46.72 2.69 0.00	52.13 3.27 0.00	58.29 3.66 0.00	63.59 3.94 0.00	60.57 3.65 0.00	51.66 3.19 -0.09	46.31 2.74 -0.10	41.04 2.58 0.00	37.00 1.99 0.00	34.98 2.07 0.00
DANSKAMMER___DIESEL 23592	31.35 1.91 0.00	28.65 1.62 0.00	26.56 1.46 0.00	25.04 1.37 0.00	24.99 1.33 0.00	26.41 1.38 0.00	29.51 1.62 0.00	31.24 1.77 0.00	32.97 1.98 0.00	35.66 2.18 0.00	37.73 2.20 0.00	38.79 2.26 0.00	41.67 2.51 0.00	44.79 2.54 0.00	46.72 2.69 0.00	52.13 3.27 0.00	58.29 3.66 0.00	63.65 4.00 0.00	60.57 3.64 0.00	51.66 3.19 -0.09	46.30 2.74 -0.10	40.96 2.50 0.00	37.10 2.10 0.00	35.01 2.11 0.00
DARBY___SOLAR 323810	31.35 1.91 0.00	28.78 1.76 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.13 1.47 0.00	26.63 1.60 0.00	29.68 1.79 0.00	31.30 1.83 0.00	32.88 1.89 0.00	35.52 2.04 0.00	37.41 1.88 0.00	38.61 2.08 0.00	41.43 2.27 0.00	44.53 2.28 0.00	46.54 2.51 0.00	51.78 2.93 0.00	58.13 3.50 0.00	63.89 4.24 0.00	61.48 4.56 0.00	53.33 4.01 -0.94	48.11 3.69 -0.95	41.65 3.19 0.00	37.45 2.45 0.00	35.11 2.20 0.00
DASHVILLE___HYD 23610	31.00 1.56 0.00	28.33 1.30 0.00	26.28 1.18 0.00	24.76 1.09 0.00	24.70 1.04 0.00	26.11 1.08 0.00	29.21 1.31 0.00	30.89 1.41 0.00	32.60 1.61 0.00	35.26 1.77 0.00	37.31 1.78 0.00	38.35 1.83 0.00	41.16 2.00 0.00	44.20 1.94 0.00	46.10 2.07 0.00	51.44 2.59 0.00	57.47 2.84 0.00	62.70 3.04 0.00	59.60 2.68 0.00	50.38 1.84 -0.16	45.15 1.52 -0.16	40.42 1.96 0.00	36.65 1.65 0.00	34.65 1.74 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.64 2.97 -3.22	32.71 2.62 -3.06	28.95 2.41 -1.44	25.94 2.27 0.00	27.12 2.22 -1.23	28.88 2.43 -1.42	31.66 2.79 -0.97	35.01 3.01 -2.53	37.28 3.59 -2.70	37.39 3.88 -0.02	39.62 4.09 0.00	41.09 4.57 0.00	43.63 4.46 0.00	47.16 4.90 0.00	48.97 4.93 0.00	54.32 5.47 0.00	60.97 6.34 0.00	66.22 6.56 0.00	62.68 5.75 0.00	53.26 4.79 -0.09	47.78 4.22 -0.10	42.19 3.73 0.00	37.48 2.49 0.01	36.00 3.09 0.00
DELAWARE___LFGE 323621	30.50 1.06 0.00	27.92 0.89 0.00	25.91 0.80 0.00	24.43 0.76 0.00	24.42 0.76 0.00	25.88 0.85 0.00	28.84 0.95 0.00	30.54 1.06 0.00	32.10 1.12 0.00	34.73 1.21 -0.05	36.78 1.24 0.00	37.95 1.42 0.00	40.73 1.57 0.00	43.90 1.65 0.00	45.75 1.72 0.00	50.90 2.05 0.00	56.98 2.35 0.00	62.16 2.51 0.00	59.38 2.45 0.00	50.68 2.18 -0.13	45.59 1.91 -0.21	40.15 1.69 0.00	36.41 1.37 -0.04	34.16 1.25 0.00
DERFIELD_115KV_TB7 355931	29.65 0.21 0.00	27.22 0.19 0.00	25.28 0.18 0.00	23.84 0.17 0.00	23.83 0.17 0.00	25.21 0.18 0.00	28.09 0.20 0.00	29.68 0.21 0.00	31.20 0.22 0.00	33.68 0.20 0.00	35.75 0.21 0.00	36.82 0.29 0.00	39.47 0.31 0.00	42.55 0.30 0.00	44.38 0.35 0.00	49.29 0.44 0.00	55.13 0.49 0.00	60.25 0.60 0.00	57.50 0.57 0.00	48.86 0.48 0.00	43.90 0.43 0.00	38.81 0.35 0.00	35.28 0.28 0.00	33.17 0.26 0.00
DOGLEVILLE___HYD 23807	29.94 0.50 0.00	27.46 0.43 0.00	25.50 0.40 0.00	24.05 0.38 0.00	24.02 0.36 0.00	25.46 0.43 0.00	28.37 0.47 0.00	29.98 0.50 0.00	31.55 0.56 0.00	34.09 0.60 0.00	36.14 0.60 0.00	37.18 0.66 0.00	39.90 0.74 0.00	43.05 0.80 0.00	44.83 0.79 0.00	49.83 0.98 0.00	55.78 1.15 0.00	60.91 1.25 0.00	58.13 1.20 0.00	49.40 1.02 0.00	44.34 0.87 0.00	39.27 0.81 0.00	35.60 0.59 0.00	33.46 0.56 0.00
DUNKIRK___115KV_TB_200 55889	30.03 0.59 0.00	27.33 0.30 0.00	25.58 0.48 0.00	24.24 0.57 0.00	24.33 0.66 0.00	25.83 0.80 0.00	28.29 0.39 0.00	30.15 0.68 0.00	31.95 0.96 0.00	34.39 0.90 0.00	37.02 1.49 0.00	38.72 2.19 0.00	41.78 2.62 0.00	46.23 3.97 0.00	47.42 3.39 0.00	52.57 3.71 0.00	59.28 4.64 0.00	63.95 4.30 0.00	61.94 5.01 0.00	51.96 3.58 0.00	46.51 3.04 0.00	40.34 1.88 0.00	36.75 1.75 0.00	34.45 1.55 0.00
DUNKIRK___1 23563	30.03 0.59 0.00	27.33 0.30 0.00	25.58 0.48 0.00	24.24 0.57 0.00	24.33 0.66 0.00	25.83 0.80 0.00	28.29 0.39 0.00	30.15 0.68 0.00	31.95 0.96 0.00	34.39 0.90 0.00	37.02 1.49 0.00	38.72 2.19 0.00	41.78 2.62 0.00	46.23 3.97 0.00	47.42 3.39 0.00	52.57 3.71 0.00	59.28 4.64 0.00	63.95 4.30 0.00	61.94 5.01 0.00	51.96 3.58 0.00	46.51 3.04 0.00	40.34 1.88 0.00	36.75 1.75 0.00	34.45 1.55 0.00
DUNKIRK___2 23564	30.03 0.59 0.00	27.33 0.30 0.00	25.58 0.48 0.00	24.24 0.57 0.00	24.33 0.66 0.00	25.83 0.80 0.00	28.29 0.39 0.00	30.15 0.68 0.00	31.95 0.96 0.00	34.39 0.90 0.00	37.02 1.49 0.00	38.72 2.19 0.00	41.78 2.62 0.00	46.23 3.97 0.00	47.42 3.39 0.00	52.57 3.71 0.00	59.28 4.64 0.00	63.95 4.30 0.00	61.94 5.01 0.00	51.96 3.58 0.00	46.51 3.04 0.00	40.34 1.88 0.00	36.75 1.75 0.00	34.45 1.55 0.00
DUNKIRK___3 23565	29.76 0.32 0.00	27.08 0.05 0.00	25.38 0.28 0.00	24.05 0.38 0.00	24.14 0.47 0.00	25.63 0.60 0.00	28.06 0.17 0.00	29.86 0.38 0.00	31.64 0.65 0.00	34.08 0.60 0.00	36.67 1.14 0.00	38.35 1.83 0.00	41.35 2.19 0.00	45.72 3.46 0.00	46.94 2.91 0.00	52.03 3.18 0.00	58.68 4.04 0.00	63.36 3.70 0.00	61.31 4.38 0.00	51.43 3.05 0.00	46.03 2.56 0.00	40.00 1.54 0.00	36.44 1.44 0.00	34.19 1.28 0.00
DUNKIRK___4 23566	29.76 0.32 0.00	27.08 0.05 0.00	25.38 0.28 0.00	24.05 0.38 0.00	24.14 0.47 0.00	25.63 0.60 0.00	28.06 0.17 0.00	29.86 0.38 0.00	31.64 0.65 0.00	34.08 0.60 0.00	36.67 1.14 0.00	38.35 1.83 0.00	41.35 2.19 0.00	45.72 3.46 0.00	46.94 2.91 0.00	52.03 3.18 0.00	58.68 4.04 0.00	63.36 3.70 0.00	61.31 4.38 0.00	51.43 3.05 0.00	46.03 2.56 0.00	40.00 1.54 0.00	36.44 1.44 0.00	34.19 1.28 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.38 1.94 0.00	28.68 1.65 0.00	26.56 1.46 0.00	25.02 1.35 0.00	24.96 1.30 0.00	26.46 1.43 0.00	29.60 1.70 0.00	31.45 1.97 0.00	33.19 2.20 0.00	35.86 2.38 0.00	37.91 2.38 0.00	39.08 2.56 0.00	41.86 2.70 0.00	44.96 2.70 0.00	46.85 2.82 0.00	52.27 3.42 0.00	58.35 3.72 0.00	63.54 3.88 0.00	60.34 3.42 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.04 2.58 0.00	37.17 2.17 0.00	35.11 2.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.06 1.62 0.00	28.41 1.38 0.00	26.33 1.23 0.00	24.83 1.16 0.00	24.78 1.11 0.00	26.21 1.18 0.00	29.26 1.37 0.00	30.98 1.50 0.00	32.69 1.70 0.00	35.36 1.87 0.00	37.38 1.85 0.00	38.46 1.94 0.00	41.24 2.08 0.00	44.37 2.11 0.00	46.28 2.25 0.00	51.59 2.74 0.00	57.69 3.06 0.00	62.94 3.28 0.00	59.89 2.96 0.00	51.13 2.66 -0.09	45.82 2.26 -0.09	40.57 2.12 0.00	36.75 1.75 0.00	34.72 1.81 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.75 2.30 -0.01	28.98 1.95 -0.01	26.82 1.71 -0.01	25.23 1.56 0.00	25.15 1.49 0.00	26.51 1.48 0.00	29.65 1.76 0.00	31.57 2.09 0.00	33.31 2.32 0.00	36.06 2.58 0.00	38.02 2.49 0.00	39.23 2.70 0.00	41.94 2.78 0.00	45.00 2.75 0.00	46.81 2.77 0.00	52.32 3.47 0.00	58.24 3.61 0.00	63.24 3.58 0.00	60.06 3.13 0.00	51.37 2.90 -0.09	46.13 2.56 -0.09	41.00 2.54 0.00	37.42 2.42 0.00	35.48 2.57 -0.01
E179THST_13_KV_LOAD 356214	31.95 2.50 -0.01	29.14 2.11 -0.01	26.97 1.86 -0.01	25.35 1.68 0.00	25.27 1.61 0.00	26.66 1.63 0.00	29.82 1.92 0.00	31.75 2.27 0.00	33.53 2.54 0.00	36.29 2.81 0.00	38.27 2.74 0.00	39.48 2.96 0.00	42.21 3.05 0.00	45.30 3.04 0.00	47.16 3.13 0.00	52.66 3.81 0.00	58.68 4.04 0.00	63.71 4.06 0.00	60.51 3.59 0.00	51.76 3.29 -0.09	46.47 2.91 -0.09	41.27 2.81 0.00	37.66 2.66 0.00	35.71 2.80 -0.01
EAST HAMPTON___GT 23717	35.99 3.33 -3.22	33.09 3.00 -3.06	29.35 2.81 -1.44	26.35 2.67 0.00	27.52 2.63 -1.23	29.33 2.88 -1.42	32.13 3.26 -0.97	35.34 3.33 -2.53	37.72 4.03 -2.70	37.85 4.35 -0.02	40.19 4.65 0.00	41.71 5.18 0.00	44.25 5.09 0.00	47.79 5.53 0.00	49.63 5.59 0.00	55.11 6.25 0.00	61.90 7.27 0.00	67.23 7.58 0.00	63.59 6.66 0.00	53.88 5.42 -0.09	48.26 4.70 -0.10	42.66 4.19 0.00	37.58 2.59 0.01	36.06 3.16 0.00
EAST RIVER___6 23660	31.71 2.27 0.00	29.00 1.97 0.00	26.88 1.78 0.00	25.33 1.66 0.00	25.20 1.54 0.00	26.68 1.65 0.00	29.93 2.04 0.00	31.75 2.27 0.00	33.50 2.51 0.00	36.23 2.75 0.00	38.31 2.77 0.00	39.52 3.00 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.25 3.21 0.00	52.76 3.91 0.00	58.78 4.15 0.00	63.83 4.17 0.00	60.57 3.65 0.00	51.85 3.39 -0.09	46.56 3.00 -0.09	41.46 3.00 0.00	37.41 2.41 0.00	35.44 2.53 0.00
EAST RIVER___7 23524	31.71 2.27 0.00	29.00 1.97 0.00	26.88 1.78 0.00	25.33 1.66 0.00	25.20 1.54 0.00	26.68 1.65 0.00	29.93 2.04 0.00	31.75 2.27 0.00	33.50 2.51 0.00	36.23 2.75 0.00	38.31 2.77 0.00	39.52 3.00 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.25 3.21 0.00	52.76 3.91 0.00	58.78 4.15 0.00	63.83 4.17 0.00	60.57 3.65 0.00	51.85 3.39 -0.09	46.56 3.00 -0.09	41.46 3.00 0.00	37.41 2.41 0.00	35.44 2.53 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.30 1.85 0.00	28.60 1.57 0.00	26.51 1.41 0.00	24.97 1.30 0.00	24.92 1.25 0.00	26.38 1.35 0.00	29.51 1.62 0.00	31.36 1.89 0.00	33.06 2.08 0.00	35.76 2.28 0.00	37.77 2.24 0.00	38.97 2.45 0.00	41.70 2.55 0.00	44.83 2.58 0.00	46.72 2.69 0.00	52.08 3.22 0.00	58.18 3.55 0.00	63.36 3.70 0.00	60.17 3.24 0.00	51.42 2.95 -0.09	46.13 2.56 -0.09	40.88 2.42 0.00	37.07 2.07 0.00	35.01 2.11 0.00
EAST_HAMPTON___DIESEL 23722	35.96 3.30 -3.22	33.06 2.97 -3.06	29.33 2.79 -1.44	26.35 2.67 0.00	27.52 2.63 -1.23	29.33 2.88 -1.42	32.13 3.26 -0.97	35.34 3.33 -2.53	37.69 4.00 -2.70	37.85 4.35 -0.02	40.19 4.65 0.00	41.68 5.15 0.00	44.22 5.05 0.00	47.75 5.49 0.00	49.63 5.59 0.00	55.06 6.21 0.00	61.90 7.27 0.00	67.17 7.52 0.00	63.53 6.60 0.00	53.84 5.37 -0.09	48.22 4.65 -0.10	42.62 4.15 0.00	37.52 2.52 0.01	36.03 3.13 0.00
EAST_POINT___SOLAR 323840	32.33 2.89 0.00	29.68 2.65 0.00	27.44 2.33 0.00	25.83 2.15 0.00	25.89 2.22 0.00	27.48 2.45 0.00	30.27 2.37 0.00	31.21 1.74 0.00	32.23 1.24 0.00	34.65 1.17 0.00	36.49 0.96 0.00	37.69 1.17 0.00	40.45 1.29 0.00	43.65 1.39 0.00	45.53 1.50 0.00	50.61 1.76 0.00	56.76 2.13 0.00	64.49 4.83 0.00	63.47 6.54 0.00	55.59 6.29 -0.92	50.14 5.74 -0.94	43.42 4.96 0.00	38.85 3.85 0.00	36.23 3.32 0.00
EAST_PULASKI___ESR 323781	29.15 -0.29 0.00	26.76 -0.27 0.00	24.85 -0.25 0.00	23.43 -0.24 0.00	23.45 -0.21 0.00	24.78 -0.25 0.00	27.62 -0.28 0.00	29.24 -0.24 0.00	30.65 -0.34 0.00	33.53 -0.40 -0.45	35.11 -0.42 0.00	36.27 -0.25 0.00	38.81 -0.35 0.00	42.00 -0.25 0.00	43.73 -0.31 0.00	48.56 -0.29 0.00	54.31 -0.33 0.00	59.42 -0.24 0.00	56.81 -0.11 0.00	48.33 -0.05 0.00	44.24 0.00 -0.77	38.27 -0.19 0.00	35.26 -0.10 -0.36	32.71 -0.20 0.00
EAST_RIVER___1 323558	31.59 2.15 0.00	28.92 1.89 0.00	26.81 1.71 0.00	25.26 1.59 0.00	25.18 1.52 0.00	26.71 1.68 0.00	29.93 2.04 0.00	31.69 2.21 0.00	33.41 2.42 0.00	36.13 2.64 0.00	38.16 2.63 0.00	39.38 2.85 0.00	42.13 2.97 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.56 3.71 0.00	58.62 3.99 0.00	63.66 4.00 0.00	60.46 3.53 0.00	51.76 3.29 -0.09	46.43 2.87 -0.09	41.30 2.85 0.00	37.28 2.27 0.00	35.31 2.40 0.00
EAST_RIVER___2 323559	31.71 2.27 0.00	29.00 1.97 0.00	26.88 1.78 0.00	25.33 1.66 0.00	25.20 1.54 0.00	26.68 1.65 0.00	29.93 2.04 0.00	31.75 2.27 0.00	33.50 2.51 0.00	36.23 2.75 0.00	38.31 2.77 0.00	39.52 3.00 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.25 3.21 0.00	52.76 3.91 0.00	58.78 4.15 0.00	63.83 4.17 0.00	60.57 3.65 0.00	51.85 3.39 -0.09	46.56 3.00 -0.09	41.46 3.00 0.00	37.41 2.41 0.00	35.44 2.53 0.00
EAST___DELAWARE_HYD 23607	30.38 0.94 0.00	27.81 0.78 0.00	25.83 0.73 0.00	24.33 0.66 0.00	24.28 0.61 0.00	25.68 0.65 0.00	28.73 0.84 0.00	30.21 0.74 0.00	31.89 0.90 0.00	34.45 0.97 0.00	36.42 0.89 0.00	37.44 0.91 0.00	40.18 1.02 0.00	43.23 0.97 0.00	45.13 1.10 0.00	50.37 1.52 0.00	56.33 1.70 0.00	61.51 1.85 0.00	58.63 1.71 0.00	50.02 1.55 -0.10	44.87 1.30 -0.10	39.73 1.27 0.00	35.84 0.84 0.00	33.83 0.92 0.00
EIGHT_POINT___WT_PWR 323820	29.94 0.50 0.00	27.89 0.86 0.00	25.88 0.78 0.00	24.29 0.61 0.00	24.44 0.78 0.00	25.88 0.85 0.00	28.59 0.70 0.00	30.33 0.86 0.00	31.95 0.96 0.00	34.54 1.00 -0.06	36.74 1.21 0.00	38.28 1.75 0.00	41.19 2.04 0.00	45.21 2.96 0.00	46.59 2.55 0.00	51.69 2.83 0.00	58.02 3.39 0.00	63.53 3.88 0.00	60.68 3.76 0.00	51.09 2.71 0.00	45.89 2.30 -0.11	40.27 1.81 0.00	36.63 1.58 -0.05	34.12 1.22 0.00
ELBRIDGE_115KV_TB2 80188	29.35 -0.09 0.00	27.00 -0.03 0.00	25.10 0.00 0.00	23.67 0.00 0.00	23.69 0.02 0.00	25.06 0.03 0.00	27.90 0.00 0.00	29.45 -0.03 0.00	30.92 -0.06 0.00	33.75 -0.03 -0.30	35.53 0.00 0.00	36.74 0.22 0.00	39.47 0.31 0.00	42.80 0.55 0.00	44.56 0.53 0.00	49.39 0.54 0.00	55.34 0.71 0.00	60.43 0.78 0.00	57.78 0.85 0.00	48.96 0.58 0.00	44.51 0.52 -0.52	38.69 0.23 0.00	35.42 0.18 -0.24	32.97 0.07 0.00
ELEC_TRO_TEK 24086	34.99 2.33 -3.22	32.09 2.00 -3.06	28.32 1.78 -1.44	25.33 1.66 0.00	26.53 1.63 -1.23	28.21 1.75 -1.42	30.93 2.06 -0.97	34.37 2.36 -2.53	36.29 2.60 -2.70	36.35 2.85 -0.02	38.16 2.63 0.00	39.52 3.00 0.00	42.06 2.90 0.00	45.38 3.13 0.00	47.25 3.21 0.00	52.47 3.62 0.00	58.73 4.10 0.00	63.83 4.18 0.00	60.51 3.59 0.00	51.61 3.14 -0.09	46.39 2.83 -0.09	41.15 2.69 0.00	37.17 2.17 0.00	35.37 2.47 0.00

ELLENBURG_WT_PWR 323604	30.21 0.76 0.00	27.70 0.68 0.00	25.65 0.55 0.00	24.12 0.45 0.00	24.18 0.52 0.00	25.63 0.60 0.00	28.76 0.87 0.00	30.42 0.94 0.00	31.95 0.96 0.00	34.62 1.14 0.00	36.99 1.46 0.00	37.95 1.42 0.00	40.61 1.45 0.00	43.90 1.65 0.00	45.80 1.76 0.00	48.90 0.05 0.00	54.03 -0.60 0.00	58.82 -0.84 0.00	56.25 -0.68 0.00	47.46 -0.92 0.00	43.21 -0.26 0.00	37.69 -0.77 0.00	34.30 -0.70 0.00	31.79 -1.12 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.32 -0.12 0.00	26.70 -0.32 0.00	25.05 -0.05 0.00	23.74 0.07 0.00	23.85 0.19 0.00	25.28 0.25 0.00	27.67 -0.22 0.00	29.27 -0.21 0.00	31.08 0.09 0.00	33.45 -0.03 0.00	35.99 0.46 0.00	37.62 1.10 0.00	40.57 1.41 0.00	44.83 2.58 0.00	46.06 2.03 0.00	51.00 2.15 0.00	57.58 2.95 0.00	62.22 2.57 0.00	60.17 3.24 0.00	50.41 2.03 0.00	45.08 1.61 0.00	39.23 0.77 0.00	35.77 0.77 0.00	33.73 0.82 0.00
EMPIRE_CC_1 323656	30.32 0.88 0.00	27.78 0.76 0.00	25.96 0.85 0.00	24.48 0.81 0.00	24.44 0.78 0.00	25.88 0.85 0.00	28.73 0.84 0.00	30.27 0.80 0.00	31.76 0.77 0.00	34.28 0.80 0.00	36.38 0.85 0.00	37.40 0.88 0.00	40.06 0.90 0.00	43.05 0.80 0.00	44.91 0.88 0.00	49.98 1.12 0.00	56.11 1.48 0.00	61.33 1.67 0.00	58.52 1.59 0.00	50.15 1.50 -0.27	45.04 1.30 -0.27	39.77 1.31 0.00	35.95 0.95 0.00	33.89 0.99 0.00
EMPIRE_CC_2 323658	30.32 0.88 0.00	27.78 0.76 0.00	25.96 0.85 0.00	24.48 0.81 0.00	24.44 0.78 0.00	25.88 0.85 0.00	28.73 0.84 0.00	30.27 0.80 0.00	31.76 0.77 0.00	34.28 0.80 0.00	36.38 0.85 0.00	37.40 0.88 0.00	40.06 0.90 0.00	43.05 0.80 0.00	44.91 0.88 0.00	49.98 1.12 0.00	56.11 1.48 0.00	61.33 1.67 0.00	58.52 1.59 0.00	50.15 1.50 -0.27	45.04 1.30 -0.27	39.77 1.31 0.00	35.95 0.95 0.00	33.89 0.99 0.00
ENORWICH_115KV_TB1 80156	31.94 2.50 0.00	29.16 2.14 0.00	27.06 1.96 0.00	25.52 1.85 0.00	25.51 1.85 0.00	27.08 2.05 0.00	30.21 2.32 0.00	32.04 2.56 0.00	33.50 2.51 0.00	36.10 2.51 -0.11	38.16 2.63 0.00	39.67 3.14 0.00	42.61 3.45 0.00	46.39 4.14 0.00	48.39 4.36 0.00	53.88 5.03 0.00	60.42 5.79 0.00	66.10 6.44 0.00	63.59 6.66 0.00	54.05 5.61 -0.06	48.89 5.17 -0.25	42.46 4.00 0.00	38.42 3.33 -0.09	35.70 2.80 0.00
ERIE_ST_34_KV_TB1-2 80199	29.56 0.12 0.00	26.87 -0.16 0.00	25.15 0.05 0.00	23.84 0.17 0.00	23.97 0.31 0.00	25.43 0.40 0.00	27.84 -0.06 0.00	29.65 0.18 0.00	31.48 0.50 0.00	33.92 0.44 0.00	36.53 0.99 0.00	38.21 1.68 0.00	41.20 2.04 0.00	45.59 3.34 0.00	46.85 2.82 0.00	51.98 3.13 0.00	58.73 4.10 0.00	63.42 3.76 0.00	61.31 4.38 0.00	51.33 2.95 0.00	45.82 2.35 0.00	39.77 1.31 0.00	36.26 1.26 0.00	34.02 1.12 0.00
ERIE_WT_PWR 323693	29.50 0.06 0.00	27.46 0.43 0.00	25.50 0.40 0.00	23.91 0.24 0.00	24.11 0.45 0.00	25.46 0.43 0.00	27.92 0.03 0.00	29.51 0.03 0.00	31.33 0.34 0.00	33.75 0.27 0.00	36.31 0.78 0.00	37.95 1.42 0.00	40.96 1.80 0.00	45.25 3.00 0.00	46.45 2.42 0.00	51.49 2.64 0.00	58.13 3.50 0.00	63.59 3.94 0.00	60.74 3.81 0.00	50.89 2.51 0.00	45.51 2.04 0.00	40.00 1.54 0.00	36.51 1.50 0.00	34.09 1.18 0.00
ESPRGFLD_115KV_TB1 80157	31.47 2.03 0.00	28.78 1.76 0.00	26.66 1.56 0.00	25.14 1.47 0.00	25.15 1.49 0.00	26.73 1.70 0.00	29.74 1.84 0.00	31.33 1.86 0.00	32.85 1.86 0.00	35.42 1.94 0.00	37.49 1.95 0.00	38.75 2.23 0.00	41.63 2.47 0.00	45.00 2.75 0.00	46.85 2.82 0.00	52.13 3.27 0.00	58.35 3.72 0.00	64.37 4.71 0.00	62.05 5.12 0.00	53.63 4.60 -0.65	48.26 4.13 -0.66	41.96 3.50 0.00	37.80 2.80 0.00	35.31 2.40 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.24 0.79 0.00	27.70 0.68 0.00	25.75 0.65 0.00	24.29 0.62 0.00	24.30 0.64 0.00	25.76 0.73 0.00	28.65 0.75 0.00	30.36 0.88 0.00	31.82 0.84 0.00	34.50 0.87 -0.15	36.49 0.96 0.00	37.77 1.24 0.00	40.57 1.41 0.00	44.03 1.77 0.00	45.84 1.81 0.00	50.86 2.00 0.00	57.09 2.46 0.00	62.46 2.80 0.00	59.83 2.90 0.00	50.78 2.37 -0.03	45.89 2.13 -0.29	40.00 1.54 0.00	36.46 1.33 -0.12	33.99 1.09 0.00
ETNA____115KV_TB2 80207	30.24 0.79 0.00	27.70 0.68 0.00	25.75 0.65 0.00	24.29 0.62 0.00	24.30 0.64 0.00	25.76 0.73 0.00	28.65 0.75 0.00	30.36 0.88 0.00	31.82 0.84 0.00	34.50 0.87 -0.15	36.49 0.96 0.00	37.77 1.24 0.00	40.57 1.41 0.00	44.03 1.77 0.00	45.84 1.81 0.00	50.86 2.00 0.00	57.09 2.46 0.00	62.46 2.80 0.00	59.83 2.90 0.00	50.78 2.37 -0.03	45.89 2.13 -0.29	40.00 1.54 0.00	36.46 1.33 -0.12	33.99 1.09 0.00
EUCLID____115KV_TB2 356179	29.15 -0.29 0.00	26.84 -0.19 0.00	24.95 -0.15 0.00	23.53 -0.14 0.00	23.54 -0.12 0.00	24.91 -0.13 0.00	27.70 -0.20 0.00	29.24 -0.24 0.00	30.74 -0.25 0.00	33.34 -0.27 -0.13	35.32 -0.21 0.00	36.49 -0.04 0.00	39.20 0.04 0.00	42.46 0.21 0.00	44.21 0.18 0.00	49.05 0.20 0.00	54.96 0.33 0.00	59.96 0.30 0.00	57.27 0.34 0.00	48.57 0.19 0.00	43.87 0.17 -0.23	38.38 -0.08 0.00	35.00 -0.11 -0.11	32.74 -0.16 0.00
E_CANADA_CAP_HY 24051	32.03 2.59 0.00	29.41 2.38 0.00	27.18 2.08 0.00	25.59 1.92 0.00	25.65 1.99 0.00	27.23 2.20 0.00	30.24 2.34 0.00	31.66 2.18 0.00	32.97 1.98 0.00	35.49 2.01 0.00	37.48 1.95 0.00	38.72 2.19 0.00	41.59 2.43 0.00	44.92 2.66 0.00	46.72 2.69 0.00	51.93 3.08 0.00	58.24 3.60 0.00	64.91 5.25 0.00	63.08 6.15 0.00	54.88 5.66 -0.85	49.41 5.08 -0.86	42.96 4.50 0.00	38.50 3.50 0.00	35.90 2.99 0.00
E_CANADA_MHWK_HY 24050	29.94 0.50 0.00	27.46 0.43 0.00	25.50 0.40 0.00	24.05 0.38 0.00	24.02 0.36 0.00	25.46 0.43 0.00	28.37 0.47 0.00	29.98 0.50 0.00	31.55 0.56 0.00	34.09 0.60 0.00	36.14 0.60 0.00	37.18 0.66 0.00	39.90 0.74 0.00	43.05 0.80 0.00	44.83 0.79 0.00	49.83 0.98 0.00	55.78 1.15 0.00	60.91 1.25 0.00	58.13 1.20 0.00	49.40 1.02 0.00	44.34 0.87 0.00	39.27 0.81 0.00	35.60 0.59 0.00	33.46 0.56 0.00
E_FISHKILL____LBMP 23776	31.06 1.62 0.00	28.41 1.38 0.00	26.31 1.20 0.00	24.81 1.14 0.00	24.75 1.09 0.00	26.21 1.18 0.00	29.29 1.39 0.00	31.07 1.59 0.00	32.72 1.74 0.00	35.39 1.91 0.00	37.42 1.88 0.00	38.57 2.05 0.00	41.27 2.11 0.00	44.37 2.11 0.00	46.28 2.25 0.00	51.54 2.69 0.00	57.64 3.00 0.00	62.82 3.16 0.00	59.72 2.79 0.00	51.03 2.56 -0.09	45.78 2.22 -0.09	40.57 2.12 0.00	36.79 1.79 0.00	34.75 1.84 0.00
FALCON____SEABRD_CC1 323796	30.30 0.85 0.00	27.78 0.76 0.00	25.73 0.63 0.00	24.19 0.52 0.00	24.25 0.59 0.00	25.73 0.70 0.00	28.84 0.95 0.00	30.51 1.03 0.00	32.07 1.08 0.00	34.72 1.24 0.00	37.06 1.53 0.00	38.02 1.50 0.00	40.69 1.53 0.00	44.03 1.77 0.00	45.92 1.89 0.00	48.95 0.10 0.00	53.98 -0.65 0.00	58.88 -0.78 0.00	56.25 -0.68 0.00	47.51 -0.87 0.00	43.38 -0.09 0.00	37.84 -0.62 0.00	34.48 -0.52 0.00	32.05 -0.86 0.00

FALCON___SEABRD_CC2 323797	30.30 0.85 0.00	27.78 0.76 0.00	25.73 0.63 0.00	24.19 0.52 0.00	24.25 0.59 0.00	25.73 0.70 0.00	28.84 0.95 0.00	30.51 1.03 0.00	32.07 1.08 0.00	34.72 1.24 0.00	37.06 1.53 0.00	38.02 1.50 0.00	40.69 1.53 0.00	44.03 1.77 0.00	45.92 1.89 0.00	48.95 0.10 0.00	53.98 -0.65 0.00	58.88 -0.78 0.00	56.25 -0.68 0.00	47.51 -0.87 0.00	43.38 -0.09 0.00	37.84 -0.62 0.00	34.48 -0.52 0.00	32.05 -0.86 0.00
FAR ROCKAWAY___4 23548	35.52 2.86 -3.22	32.55 2.46 -3.06	28.75 2.21 -1.44	25.73 2.06 0.00	26.91 2.01 -1.23	28.61 2.15 -1.42	31.35 2.48 -0.97	34.84 2.83 -2.53	36.82 3.13 -2.70	36.92 3.42 -0.02	38.87 3.34 0.00	40.32 3.80 0.00	42.96 3.80 0.00	46.35 4.10 0.00	48.30 4.27 0.00	53.20 4.35 0.00	59.61 4.97 0.00	64.79 5.13 0.00	61.43 4.50 0.00	52.34 3.87 -0.09	46.99 3.43 -0.09	42.04 3.58 0.00	37.91 2.91 0.00	36.06 3.16 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.59 2.15 0.00	28.81 1.78 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.06 1.40 0.00	26.53 1.50 0.00	29.74 1.84 0.00	31.69 2.21 0.00	33.43 2.45 0.00	36.16 2.68 0.00	38.20 2.66 0.00	39.41 2.89 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.57 3.71 0.00	58.62 3.99 0.00	63.71 4.06 0.00	60.46 3.53 0.00	51.76 3.29 -0.09	46.43 2.87 -0.09	41.23 2.77 0.00	37.42 2.42 0.00	35.37 2.47 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.59 2.15 0.00	28.84 1.81 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.06 1.40 0.00	26.53 1.50 0.00	29.76 1.87 0.00	31.69 2.21 0.00	33.43 2.45 0.00	36.16 2.68 0.00	38.20 2.66 0.00	39.41 2.89 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.57 3.71 0.00	58.62 3.99 0.00	63.71 4.06 0.00	60.51 3.59 0.00	51.76 3.29 -0.09	46.43 2.87 -0.09	41.23 2.77 0.00	37.42 2.42 0.00	35.37 2.47 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.56 2.12 0.00	28.81 1.78 0.00	26.66 1.56 0.00	25.12 1.44 0.00	25.06 1.40 0.00	26.53 1.50 0.00	29.74 1.84 0.00	31.66 2.18 0.00	33.40 2.42 0.00	36.13 2.65 0.00	38.16 2.63 0.00	39.37 2.85 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.07 3.04 0.00	52.52 3.66 0.00	58.57 3.93 0.00	63.65 4.00 0.00	60.40 3.47 0.00	51.71 3.24 -0.09	46.39 2.83 -0.09	41.19 2.73 0.00	37.38 2.38 0.00	35.34 2.43 0.00
FARRAGUT___LBMP 323566	31.53 2.09 0.00	28.78 1.76 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.63 2.15 0.00	33.37 2.39 0.00	36.09 2.61 0.00	38.13 2.59 0.00	39.34 2.81 0.00	42.06 2.90 0.00	45.13 2.87 0.00	47.03 2.99 0.00	52.47 3.62 0.00	58.51 3.88 0.00	63.59 3.94 0.00	60.34 3.42 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.15 2.69 0.00	37.35 2.35 0.00	35.31 2.40 0.00
FENNER___WINDPWR 24204	30.24 0.80 0.00	27.76 0.73 0.00	25.75 0.65 0.00	24.26 0.59 0.00	24.28 0.61 0.00	25.68 0.65 0.00	28.65 0.75 0.00	30.30 0.82 0.00	31.82 0.84 0.00	34.46 0.87 -0.11	36.45 0.92 0.00	37.69 1.17 0.00	40.49 1.33 0.00	43.90 1.65 0.00	45.80 1.76 0.00	50.81 1.96 0.00	56.93 2.29 0.00	62.28 2.62 0.00	59.49 2.56 0.00	50.50 2.13 0.00	45.62 1.96 -0.20	40.00 1.54 0.00	36.35 1.26 -0.09	33.93 1.02 0.00
FIBERTEK___ENERGY 23856	29.50 0.06 0.00	27.14 0.11 0.00	25.20 0.10 0.00	23.77 0.09 0.00	23.78 0.12 0.00	25.16 0.13 0.00	28.01 0.11 0.00	29.59 0.12 0.00	31.08 0.09 0.00	33.90 0.13 -0.28	35.71 0.18 0.00	36.93 0.40 0.00	39.67 0.51 0.00	43.01 0.76 0.00	44.83 0.79 0.00	49.68 0.83 0.00	55.67 1.04 0.00	60.73 1.07 0.00	58.01 1.08 0.00	49.15 0.77 0.00	44.69 0.74 -0.49	38.84 0.38 0.00	35.55 0.32 -0.23	33.14 0.23 0.00
FITZPATRICK____ 23598	28.68 -0.77 0.00	26.35 -0.67 0.00	24.48 -0.63 0.00	23.10 -0.57 0.00	23.12 -0.54 0.00	24.38 -0.65 0.00	27.14 -0.75 0.00	28.71 -0.77 0.00	30.18 -0.81 0.00	31.09 -0.84 1.56	34.68 -0.85 0.00	35.79 -0.73 0.00	38.38 -0.78 0.00	41.54 -0.72 0.00	43.24 -0.79 0.00	47.97 -0.88 0.00	53.70 -0.93 0.00	58.70 -0.96 0.00	56.01 -0.91 0.00	47.51 -0.87 0.00	40.00 -0.78 2.69	37.69 -0.77 0.00	33.00 -0.74 1.26	32.15 -0.76 0.00
FLOWRFLD_69_KV_BK1 356044	35.28 2.62 -3.22	32.39 2.30 -3.06	28.60 2.06 -1.44	25.61 1.94 0.00	26.79 1.89 -1.23	28.53 2.08 -1.42	31.27 2.40 -0.97	34.66 2.65 -2.53	36.66 2.97 -2.70	36.72 3.21 -0.02	38.62 3.09 0.00	39.93 3.40 0.00	42.37 3.21 0.00	45.81 3.55 0.00	47.65 3.61 0.00	52.61 3.76 0.00	58.95 4.32 0.00	64.07 4.41 0.00	60.69 3.76 0.00	51.76 3.29 -0.09	46.78 3.22 -0.09	41.39 2.92 0.00	37.02 2.03 0.01	35.57 2.67 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.41 1.97 0.00	28.70 1.68 0.00	26.61 1.51 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.46 1.43 0.00	29.57 1.67 0.00	31.27 1.80 0.00	33.03 2.05 0.00	35.76 2.28 0.00	37.81 2.27 0.00	38.90 2.37 0.00	41.74 2.58 0.00	44.92 2.66 0.00	46.85 2.82 0.00	52.27 3.42 0.00	58.40 3.77 0.00	63.83 4.18 0.00	60.74 3.81 0.00	51.81 3.34 -0.09	46.43 2.87 -0.10	41.07 2.62 0.00	37.17 2.17 0.00	35.08 2.17 0.00
FORT ORANGE____ 23900	30.35 0.91 0.00	27.81 0.78 0.00	25.85 0.75 0.00	24.41 0.73 0.00	24.37 0.71 0.00	25.81 0.78 0.00	28.71 0.81 0.00	30.03 0.56 0.00	31.55 0.56 0.00	34.02 0.53 0.00	36.03 0.50 0.00	37.07 0.55 0.00	39.75 0.59 0.00	42.80 0.55 0.00	44.69 0.66 0.00	49.63 0.78 0.00	55.73 1.09 0.00	61.09 1.43 0.00	58.35 1.42 0.00	50.21 1.31 -0.52	45.13 1.13 -0.53	39.61 1.15 0.00	35.77 0.77 0.00	33.93 1.02 0.00
FORT_DRUM_COGEN 23780	29.44 0.00 0.00	26.97 -0.05 0.00	25.05 -0.05 0.00	23.62 -0.05 0.00	23.62 -0.05 0.00	25.06 0.03 0.00	27.98 0.08 0.00	29.56 0.09 0.00	30.89 -0.09 0.00	33.47 -0.23 -0.22	35.21 -0.32 0.00	36.38 -0.15 0.00	38.96 -0.20 0.00	42.21 -0.04 0.00	43.90 -0.13 0.00	48.80 -0.05 0.00	54.42 -0.22 0.00	59.54 -0.12 0.00	57.33 0.40 0.00	49.05 0.68 0.00	44.68 0.83 -0.39	38.84 0.38 0.00	35.32 0.14 -0.18	32.84 -0.07 0.00
FOX_HILLS___ESR 323835	31.69 2.24 -0.01	28.92 1.89 0.00	26.71 1.61 0.00	25.14 1.47 0.00	25.06 1.40 0.00	26.43 1.40 0.00	29.65 1.76 0.00	31.66 2.18 0.00	33.47 2.48 0.00	36.23 2.75 0.00	38.09 2.56 0.00	39.34 2.81 0.00	42.10 2.94 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.66 3.81 0.00	58.62 3.99 0.00	63.59 3.94 0.00	60.46 3.53 0.00	51.76 3.29 -0.09	46.43 2.87 -0.09	41.19 2.73 0.00	37.49 2.49 0.00	39.12 2.60 -3.61
FPL FAR_ROCK_GT1 24212	35.55 2.89 -3.22	32.63 2.54 -3.06	28.88 2.33 -1.44	25.85 2.18 0.00	27.05 2.15 -1.23	28.78 2.33 -1.42	31.55 2.68 -0.97	34.87 2.86 -2.53	36.82 3.13 -2.70	36.92 3.42 -0.02	38.87 3.34 0.00	40.29 3.76 0.00	42.96 3.80 0.00	46.35 4.10 0.00	48.26 4.23 0.00	53.20 4.35 0.00	59.60 4.97 0.00	64.73 5.07 0.00	61.42 4.50 0.00	52.34 3.87 -0.09	46.99 3.43 -0.09	42.07 3.61 0.00	37.73 2.73 0.00	35.97 3.06 0.00

FPL FAR_ROCK_GT2 23815	35.55 2.89 -3.22	32.63 2.54 -3.06	28.88 2.33 -1.44	25.85 2.18 0.00	27.05 2.15 -1.23	28.78 2.33 -1.42	31.55 2.68 -0.97	34.87 2.86 -2.53	36.82 3.13 -2.70	36.92 3.42 -0.02	38.87 3.34 0.00	40.29 3.76 0.00	42.96 3.80 0.00	46.35 4.10 0.00	48.26 4.23 0.00	53.20 4.35 0.00	59.60 4.97 0.00	64.73 5.07 0.00	61.42 4.50 0.00	52.34 3.87 -0.09	46.99 3.43 -0.09	42.07 3.61 0.00	37.73 2.73 0.00	35.97 3.06 0.00
FRANKLIN_FALL_HYD 24054	29.47 0.03 0.00	27.03 0.00 0.00	25.05 -0.05 0.00	23.58 -0.09 0.00	23.59 -0.07 0.00	25.03 0.00 0.00	28.01 0.11 0.00	29.65 0.18 0.00	31.17 0.19 0.00	33.68 0.20 0.00	35.89 0.36 0.00	36.74 0.22 0.00	39.32 0.16 0.00	42.51 0.25 0.00	44.34 0.31 0.00	48.32 -0.54 0.00	53.54 -1.09 0.00	58.58 -1.07 0.00	55.90 -1.02 0.00	47.31 -1.06 0.00	42.82 -0.65 0.00	37.81 -0.65 0.00	34.30 -0.70 0.00	32.02 -0.89 0.00
FREEPORT_EQUS_GT1 23764	35.28 2.62 -3.22	32.41 2.32 -3.06	28.65 2.11 -1.44	25.66 1.99 0.00	26.84 1.94 -1.23	28.58 2.13 -1.42	31.32 2.46 -0.97	34.63 2.62 -2.53	36.54 2.85 -2.70	36.62 3.11 -0.02	38.48 2.95 0.00	39.85 3.32 0.00	42.41 3.25 0.00	45.80 3.55 0.00	47.69 3.65 0.00	52.76 3.91 0.00	59.11 4.48 0.00	64.19 4.53 0.00	60.91 3.98 0.00	51.90 3.44 -0.09	46.86 3.30 -0.09	41.54 3.08 0.00	37.27 2.27 0.00	35.57 2.66 0.00
FREEPORT___CT2 23818	35.28 2.62 -3.22	32.41 2.32 -3.06	28.65 2.11 -1.44	25.66 1.99 0.00	26.84 1.94 -1.23	28.58 2.13 -1.42	31.32 2.46 -0.97	34.63 2.62 -2.53	36.54 2.85 -2.70	36.62 3.11 -0.02	38.48 2.95 0.00	39.85 3.32 0.00	42.41 3.25 0.00	45.80 3.55 0.00	47.69 3.65 0.00	52.76 3.91 0.00	59.11 4.48 0.00	64.19 4.53 0.00	60.91 3.98 0.00	51.90 3.44 -0.09	46.86 3.30 -0.09	41.54 3.08 0.00	37.27 2.27 0.00	35.57 2.66 0.00
FRESHKLS_33_KV_LOAD 356253	31.66 2.21 -0.01	28.87 1.84 0.00	26.66 1.56 0.00	25.07 1.40 0.00	24.99 1.33 0.00	26.37 1.35 0.01	29.59 1.70 0.01	31.56 2.09 0.01	33.36 2.39 0.01	36.12 2.65 0.01	38.01 2.49 0.01	39.26 2.74 0.01	42.05 2.90 0.01	45.16 2.92 0.01	47.06 3.04 0.01	52.61 3.76 0.01	58.61 3.99 0.01	63.59 3.94 0.01	60.45 3.53 0.01	51.75 3.29 -0.08	46.42 2.87 -0.08	41.18 2.73 0.01	37.41 2.42 0.01	37.33 2.57 -1.85
FULTON COGEN____ 23766	29.12 -0.32 0.00	26.81 -0.22 0.00	24.93 -0.18 0.00	23.51 -0.17 0.00	23.52 -0.14 0.00	24.86 -0.18 0.00	27.67 -0.22 0.00	29.21 -0.27 0.00	30.68 -0.31 0.00	33.65 -0.33 -0.51	35.21 -0.32 0.00	36.38 -0.15 0.00	39.00 0.00 0.00	42.25 0.00 0.00	43.99 -0.04 0.00	48.80 -0.05 0.00	54.69 0.05 0.00	59.72 0.06 0.00	57.04 0.11 0.00	48.43 0.05 0.00	44.39 0.04 -0.88	38.27 -0.19 0.00	35.24 -0.18 -0.41	32.68 -0.23 0.00
FULTON___LFGE 323630	33.53 4.09 0.00	30.78 3.76 0.00	28.39 3.29 0.00	26.70 3.03 0.00	26.79 3.12 0.00	28.49 3.46 0.00	31.75 3.85 0.00	33.66 4.18 0.00	35.20 4.21 0.00	37.97 4.49 0.00	40.22 4.69 0.00	41.57 5.04 0.00	44.76 5.60 0.00	48.42 6.17 0.00	50.42 6.38 0.00	56.04 7.18 0.00	62.88 8.25 0.00	70.22 10.56 0.00	67.97 11.05 0.00	58.73 9.44 -0.92	52.75 8.35 -0.93	45.50 7.04 0.00	40.50 5.50 0.00	37.64 4.74 0.00
G.F.CEMENT___DRP 24184	31.62 2.18 0.00	29.00 1.97 0.00	26.83 1.73 0.00	25.26 1.59 0.00	25.25 1.59 0.00	26.78 1.75 0.00	29.85 1.95 0.00	31.51 2.03 0.00	33.19 2.20 0.00	35.89 2.41 0.00	37.63 2.10 0.00	38.90 2.37 0.00	41.78 2.62 0.00	44.83 2.58 0.00	46.89 2.86 0.00	52.17 3.32 0.00	58.57 3.93 0.00	64.61 4.95 0.00	62.39 5.47 0.00	54.19 4.84 -0.98	48.98 4.52 -0.99	42.19 3.73 0.00	37.87 2.87 0.00	35.44 2.53 0.00
GARDENVILLE___LBMP 24039	29.41 -0.03 0.00	26.78 -0.24 0.00	25.13 0.03 0.00	23.79 0.12 0.00	23.92 0.26 0.00	25.36 0.33 0.00	27.73 -0.17 0.00	29.39 -0.09 0.00	31.20 0.22 0.00	33.62 0.13 0.00	36.17 0.64 0.00	37.77 1.24 0.00	40.73 1.57 0.00	45.04 2.79 0.00	46.28 2.25 0.00	51.25 2.39 0.00	57.86 3.22 0.00	62.52 2.86 0.00	60.46 3.53 0.00	50.65 2.27 0.00	45.34 1.87 0.00	39.38 0.92 0.00	35.95 0.95 0.00	33.86 0.95 0.00
GARDNVLA_35_KV_LD 355827	29.56 0.12 0.00	26.92 -0.11 0.00	25.23 0.13 0.00	23.91 0.24 0.00	24.02 0.35 0.00	25.46 0.43 0.00	27.87 -0.03 0.00	29.53 0.06 0.00	31.36 0.37 0.00	33.78 0.30 0.00	36.38 0.85 0.00	38.06 1.53 0.00	41.00 1.84 0.00	45.38 3.13 0.00	46.59 2.55 0.00	51.64 2.78 0.00	58.35 3.72 0.00	63.00 3.34 0.00	60.91 3.98 0.00	51.04 2.66 0.00	45.64 2.17 0.00	39.65 1.19 0.00	36.16 1.16 0.00	34.06 1.15 0.00
GELCKHM___115KV_LOAD 80723	29.26 -0.18 0.00	26.92 -0.11 0.00	25.03 -0.08 0.00	23.60 -0.07 0.00	23.62 -0.05 0.00	24.98 -0.05 0.00	27.81 -0.08 0.00	29.36 -0.12 0.00	30.83 -0.15 0.00	33.53 -0.13 -0.18	35.46 -0.07 0.00	36.63 0.11 0.00	39.36 0.20 0.00	42.63 0.38 0.00	44.43 0.40 0.00	49.24 0.39 0.00	55.18 0.55 0.00	60.25 0.60 0.00	57.55 0.63 0.00	48.76 0.39 0.00	44.13 0.35 -0.32	38.54 0.08 0.00	35.19 0.03 -0.15	32.87 -0.03 0.00
GENERAL___MILLS 23808	29.50 0.06 0.00	26.87 -0.16 0.00	25.18 0.08 0.00	23.86 0.19 0.00	23.97 0.31 0.00	25.41 0.38 0.00	27.81 -0.08 0.00	29.48 0.00 0.00	31.30 0.31 0.00	33.68 0.20 0.00	36.28 0.75 0.00	37.91 1.39 0.00	40.88 1.72 0.00	45.21 2.96 0.00	46.41 2.38 0.00	51.44 2.59 0.00	58.08 3.44 0.00	62.70 3.04 0.00	60.69 3.76 0.00	50.84 2.47 0.00	45.47 2.00 0.00	39.50 1.04 0.00	36.05 1.05 0.00	33.96 1.05 0.00
GE_PLASTICS___DRP 24183	30.21 0.77 0.00	27.68 0.65 0.00	25.70 0.60 0.00	24.24 0.57 0.00	24.21 0.54 0.00	25.61 0.58 0.00	28.54 0.64 0.00	30.15 0.68 0.00	31.67 0.68 0.00	34.18 0.70 0.00	36.24 0.71 0.00	37.29 0.77 0.00	39.98 0.82 0.00	43.01 0.76 0.00	44.87 0.84 0.00	49.88 1.03 0.00	55.94 1.31 0.00	61.21 1.55 0.00	58.41 1.48 0.00	50.16 1.35 -0.43	45.08 1.17 -0.44	39.57 1.12 0.00	35.88 0.88 0.00	33.79 0.89 0.00
GILBOA___1 23756	30.26 0.82 0.00	27.78 0.76 0.00	25.80 0.70 0.00	24.33 0.66 0.00	24.30 0.64 0.00	25.73 0.70 0.00	28.71 0.81 0.00	30.30 0.82 0.00	31.85 0.87 0.00	34.39 0.90 0.00	36.45 0.92 0.00	37.55 1.02 0.00	40.25 1.09 0.00	43.18 0.93 0.00	45.00 0.97 0.00	50.02 1.17 0.00	56.00 1.37 0.00	60.91 1.25 0.00	58.24 1.31 0.00	49.69 1.26 -0.06	44.65 1.13 -0.06	39.73 1.27 0.00	35.95 0.95 0.00	33.86 0.95 0.00
GILBOA___2 23757	30.26 0.82 0.00	27.78 0.76 0.00	25.80 0.70 0.00	24.33 0.66 0.00	24.30 0.64 0.00	25.73 0.70 0.00	28.71 0.81 0.00	30.30 0.82 0.00	31.85 0.87 0.00	34.39 0.90 0.00	36.45 0.92 0.00	37.55 1.02 0.00	40.25 1.09 0.00	43.18 0.93 0.00	45.00 0.97 0.00	50.02 1.17 0.00	56.00 1.37 0.00	60.91 1.25 0.00	58.24 1.31 0.00	49.69 1.26 -0.06	44.65 1.13 -0.06	39.73 1.27 0.00	35.95 0.95 0.00	33.86 0.95 0.00

GILBOA___3 23758	30.26 0.82 0.00	27.78 0.76 0.00	25.80 0.70 0.00	24.33 0.66 0.00	24.30 0.64 0.00	25.73 0.70 0.00	28.71 0.81 0.00	30.30 0.82 0.00	31.85 0.87 0.00	34.39 0.90 0.00	36.45 0.92 0.00	37.55 1.02 0.00	40.25 1.09 0.00	43.18 0.93 0.00	45.00 0.97 0.00	50.02 1.17 0.00	56.00 1.37 0.00	60.91 1.25 0.00	58.24 1.31 0.00	49.69 1.26 -0.06	44.65 1.13 -0.06	39.73 1.27 0.00	35.95 0.95 0.00	33.86 0.95 0.00
GILBOA___4 23759	30.26 0.82 0.00	27.78 0.76 0.00	25.80 0.70 0.00	24.33 0.66 0.00	24.30 0.64 0.00	25.73 0.70 0.00	28.71 0.81 0.00	30.30 0.82 0.00	31.85 0.87 0.00	34.39 0.90 0.00	36.45 0.92 0.00	37.55 1.02 0.00	40.25 1.09 0.00	43.18 0.93 0.00	45.00 0.97 0.00	50.02 1.17 0.00	56.00 1.37 0.00	60.91 1.25 0.00	58.24 1.31 0.00	49.69 1.26 -0.06	44.65 1.13 -0.06	39.73 1.27 0.00	35.95 0.95 0.00	33.86 0.95 0.00
GILBOA___ 23599	30.27 0.82 0.00	27.73 0.70 0.00	25.73 0.63 0.00	24.26 0.59 0.00	24.23 0.57 0.00	25.66 0.63 0.00	28.59 0.70 0.00	30.27 0.80 0.00	31.85 0.87 0.00	34.39 0.90 0.00	36.46 0.92 0.00	37.55 1.02 0.00	40.26 1.10 0.00	43.18 0.93 0.00	45.00 0.97 0.00	50.03 1.17 0.00	56.00 1.37 0.00	61.09 1.43 0.00	58.24 1.31 0.00	49.69 1.26 -0.06	44.66 1.13 -0.06	39.69 1.23 0.00	35.98 0.98 0.00	33.89 0.99 0.00
GINNA___ 23603	28.29 -1.15 0.00	26.11 -0.92 0.00	24.22 -0.88 0.00	22.75 -0.92 0.00	22.86 -0.80 0.00	24.13 -0.90 0.00	26.70 -1.20 0.00	28.33 -1.15 0.00	29.87 -1.11 0.00	32.41 -1.07 0.00	34.61 -0.92 0.00	36.05 -0.48 0.00	38.81 -0.35 0.00	42.34 0.08 0.00	43.86 -0.18 0.00	48.61 -0.24 0.00	54.47 -0.16 0.00	59.72 0.06 0.00	57.04 0.11 0.00	47.99 -0.39 0.00	43.08 -0.39 0.00	37.80 -0.65 0.00	34.41 -0.60 0.00	32.12 -0.79 0.00
GLEN PARK___ 23778	29.62 0.18 0.00	27.11 0.08 0.00	25.15 0.05 0.00	23.70 0.02 0.00	23.71 0.05 0.00	25.13 0.10 0.00	28.09 0.20 0.00	29.68 0.21 0.00	31.05 0.06 0.00	33.62 -0.10 -0.24	35.36 -0.18 0.00	36.60 0.07 0.00	39.16 0.00 0.00	42.42 0.17 0.00	44.12 0.09 0.00	49.05 0.20 0.00	54.74 0.11 0.00	60.02 0.36 0.00	57.72 0.80 0.00	49.49 1.11 0.00	45.14 1.26 -0.41	39.15 0.69 0.00	35.65 0.45 -0.19	33.07 0.17 0.00
GLENDALE_27_KV_LOAD 356172	31.83 2.38 -0.01	29.03 2.00 0.00	26.86 1.76 0.00	25.28 1.61 0.00	25.20 1.54 0.00	26.66 1.63 0.00	29.88 1.98 0.00	31.86 2.39 0.00	33.65 2.66 0.00	36.43 2.95 0.00	38.41 2.88 0.00	39.63 3.10 0.00	42.41 3.25 0.00	45.51 3.25 0.00	47.38 3.35 0.00	52.86 4.01 0.00	58.90 4.26 0.00	63.95 4.30 0.00	60.74 3.81 0.00	52.00 3.53 -0.09	46.69 3.13 -0.09	41.42 2.96 0.00	37.66 2.66 0.00	35.68 2.76 -0.01
GLENWOOD_IC_1_G5 23712	35.22 2.56 -3.22	32.28 2.19 -3.06	28.50 1.96 -1.44	25.49 1.82 0.00	26.69 1.80 -1.23	28.38 1.93 -1.42	31.13 2.26 -0.97	34.60 2.59 -2.53	36.57 2.88 -2.70	36.65 3.15 -0.02	38.59 3.06 0.00	39.99 3.47 0.00	42.25 3.09 0.00	45.59 3.34 0.00	47.51 3.48 0.00	52.76 3.91 0.00	59.00 4.37 0.00	64.13 4.47 0.00	60.80 3.87 0.00	51.81 3.34 -0.09	46.52 2.96 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	35.67 2.76 0.00
GLENWOOD_IC_2_G1 23688	35.16 2.50 -3.22	32.31 2.22 -3.06	28.55 2.01 -1.44	25.57 1.89 0.00	26.74 1.85 -1.23	28.48 2.03 -1.42	31.21 2.34 -0.97	34.51 2.50 -2.53	36.45 2.76 -2.70	36.52 3.01 -0.02	38.41 2.88 0.00	39.74 3.21 0.00	42.29 3.13 0.00	45.64 3.38 0.00	47.51 3.48 0.00	52.76 3.91 0.00	59.06 4.42 0.00	64.13 4.48 0.00	60.85 3.93 0.00	51.85 3.39 -0.09	46.60 3.04 -0.09	41.34 2.89 0.00	37.21 2.21 0.00	35.44 2.53 0.00
GLENWOOD_IC_3_G1 23689	35.16 2.50 -3.22	32.31 2.22 -3.06	28.55 2.01 -1.44	25.57 1.89 0.00	26.74 1.85 -1.23	28.48 2.03 -1.42	31.21 2.34 -0.97	34.51 2.50 -2.53	36.45 2.76 -2.70	36.52 3.01 -0.02	38.41 2.88 0.00	39.74 3.21 0.00	42.29 3.13 0.00	45.64 3.38 0.00	47.51 3.48 0.00	52.76 3.91 0.00	59.06 4.42 0.00	64.13 4.48 0.00	60.85 3.93 0.00	51.85 3.39 -0.09	46.60 3.04 -0.09	41.34 2.89 0.00	37.21 2.21 0.00	35.44 2.53 0.00
GLENWOOD___4 23550	35.22 2.56 -3.22	32.28 2.19 -3.06	28.50 1.96 -1.44	25.49 1.82 0.00	26.69 1.80 -1.23	28.38 1.93 -1.42	31.13 2.26 -0.97	34.60 2.59 -2.53	36.57 2.88 -2.70	36.65 3.15 -0.02	38.59 3.06 0.00	39.99 3.47 0.00	42.37 3.21 0.00	45.72 3.46 0.00	47.64 3.61 0.00	52.91 4.05 0.00	59.17 4.53 0.00	64.31 4.65 0.00	60.97 4.04 0.00	51.95 3.48 -0.09	46.65 3.09 -0.09	41.46 3.00 0.00	37.45 2.45 0.00	35.67 2.76 0.00
GLENWOOD___5 23614	35.22 2.56 -3.22	32.28 2.19 -3.06	28.50 1.96 -1.44	25.49 1.82 0.00	26.69 1.80 -1.23	28.38 1.93 -1.42	31.13 2.26 -0.97	34.60 2.59 -2.53	36.57 2.88 -2.70	36.65 3.15 -0.02	38.59 3.06 0.00	39.99 3.47 0.00	42.37 3.21 0.00	45.72 3.46 0.00	47.64 3.61 0.00	52.91 4.05 0.00	59.17 4.53 0.00	64.31 4.65 0.00	60.97 4.04 0.00	51.95 3.48 -0.09	46.65 3.09 -0.09	41.46 3.00 0.00	37.45 2.45 0.00	35.67 2.76 0.00
GLOBAL GREEN_PORT_GT1 23814	35.99 3.33 -3.22	33.09 3.00 -3.06	29.33 2.79 -1.44	26.35 2.67 0.00	27.52 2.63 -1.23	29.33 2.88 -1.42	32.13 3.26 -0.97	35.34 3.33 -2.53	37.69 4.00 -2.70	37.85 4.35 -0.02	40.15 4.62 0.00	41.68 5.15 0.00	44.22 5.05 0.00	47.79 5.53 0.00	49.67 5.64 0.00	55.11 6.25 0.00	61.96 7.32 0.00	67.23 7.58 0.00	63.64 6.71 0.00	53.98 5.51 -0.09	48.35 4.78 -0.10	42.73 4.27 0.00	37.65 2.66 0.01	36.13 3.23 0.00
GLOBE___DSASP 323697	28.26 -1.18 0.00	25.81 -1.22 0.00	24.25 -0.85 0.00	22.96 -0.71 0.00	23.10 -0.57 0.00	24.45 -0.58 0.00	26.72 -1.17 0.00	28.06 -1.41 0.00	29.81 -1.18 0.00	32.11 -1.37 0.00	34.54 -0.99 0.00	36.05 -0.47 0.00	38.85 -0.31 0.00	42.93 0.68 0.00	44.03 0.00 0.00	48.76 -0.10 0.00	55.02 0.38 0.00	59.54 -0.12 0.00	57.61 0.68 0.00	48.28 -0.10 0.00	43.17 -0.30 0.00	37.65 -0.81 0.00	34.37 -0.63 0.00	32.58 -0.33 0.00
GOETHSLN___LBMP 323567	31.41 1.97 0.00	28.68 1.65 0.00	26.53 1.43 0.00	25.02 1.35 0.00	24.94 1.28 0.00	26.41 1.38 0.00	29.60 1.70 0.00	31.51 2.03 0.00	33.25 2.26 0.00	35.96 2.48 0.00	37.95 2.42 0.00	39.12 2.59 0.00	41.82 2.66 0.00	44.87 2.62 0.00	46.76 2.73 0.00	52.17 3.32 0.00	58.18 3.55 0.00	63.24 3.58 0.00	60.00 3.07 0.00	51.37 2.90 -0.09	46.08 2.52 -0.09	40.92 2.46 0.00	37.24 2.24 0.00	35.21 2.30 0.00
GOLAH___69_KV_TB 1_2 80279	29.59 0.15 0.00	27.03 0.00 0.00	25.23 0.13 0.00	23.84 0.17 0.00	23.90 0.24 0.00	25.36 0.33 0.00	27.95 0.06 0.00	29.53 0.06 0.00	31.23 0.25 0.00	33.75 0.27 0.00	36.06 0.53 0.00	37.58 1.06 0.00	40.49 1.33 0.00	44.41 2.15 0.00	45.97 1.94 0.00	50.90 2.05 0.00	57.04 2.40 0.00	62.04 2.39 0.00	59.83 2.90 0.00	50.36 1.98 0.00	45.21 1.74 0.00	39.46 1.00 0.00	35.91 0.91 0.00	33.83 0.92 0.00

GOODYEAR_LAKE_HYD 323669	30.88 1.44 0.00	28.24 1.22 0.00	26.21 1.10 0.00	24.71 1.04 0.00	24.70 1.04 0.00	26.21 1.18 0.00	29.21 1.31 0.00	30.92 1.44 0.00	32.51 1.52 0.00	35.09 1.61 0.00	37.17 1.63 0.00	38.42 1.90 0.00	41.24 2.08 0.00	44.54 2.28 0.00	46.41 2.38 0.00	51.64 2.78 0.00	57.80 3.17 0.00	63.24 3.58 0.00	60.51 3.59 0.00	51.81 3.14 -0.28	46.58 2.83 -0.29	40.88 2.42 0.00	36.96 1.96 0.00	34.62 1.71 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.85 0.41 0.00	27.33 0.30 0.00	25.43 0.33 0.00	24.00 0.33 0.00	24.02 0.35 0.00	25.46 0.43 0.00	28.26 0.36 0.00	30.01 0.53 0.00	31.54 0.56 0.00	34.19 0.60 -0.10	36.28 0.75 0.00	37.55 1.02 0.00	40.30 1.14 0.00	43.82 1.56 0.00	45.53 1.50 0.00	50.51 1.66 0.00	56.71 2.08 0.00	61.81 2.15 0.00	59.15 2.22 0.00	50.16 1.74 -0.04	45.21 1.52 -0.22	39.57 1.12 0.00	36.03 0.95 -0.08	33.66 0.76 0.00
GOUDEY___7 23579	29.88 0.44 0.00	27.35 0.32 0.00	25.45 0.35 0.00	24.03 0.36 0.00	24.04 0.38 0.00	25.48 0.45 0.00	28.29 0.39 0.00	30.04 0.56 0.00	31.58 0.59 0.00	34.22 0.64 -0.10	36.31 0.78 0.00	37.58 1.06 0.00	40.37 1.21 0.00	43.86 1.61 0.00	45.57 1.54 0.00	50.61 1.76 0.00	56.76 2.13 0.00	61.86 2.21 0.00	59.26 2.33 0.00	50.21 1.79 -0.04	45.25 1.56 -0.22	39.61 1.15 0.00	36.07 0.98 -0.08	33.70 0.79 0.00
GOUDEY___8 23580	29.85 0.41 0.00	27.33 0.30 0.00	25.43 0.33 0.00	24.00 0.33 0.00	24.02 0.35 0.00	25.46 0.43 0.00	28.26 0.36 0.00	30.01 0.53 0.00	31.54 0.56 0.00	34.19 0.60 -0.10	36.28 0.75 0.00	37.55 1.02 0.00	40.30 1.14 0.00	43.82 1.56 0.00	45.53 1.50 0.00	50.51 1.66 0.00	56.71 2.08 0.00	61.81 2.15 0.00	59.15 2.22 0.00	50.16 1.74 -0.04	45.21 1.52 -0.22	39.57 1.12 0.00	36.03 0.95 -0.08	33.66 0.76 0.00
GOWANUS_GT1_1 24077	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT1_2 24078	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT1_3 24079	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT1_4 24080	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT1_5 24084	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT1_6 24111	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT1_7 24112	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT1_8 24113	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT2_1 24114	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT2_2 24115	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT2_3 24116	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61

GOWANUS_GT2_4 24117	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT2_5 24118	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT2_6 24119	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT2_7 24120	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT2_8 24121	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT3_1 24122	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT3_2 24123	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT3_3 24124	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT3_4 24125	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT3_5 24126	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT3_6 24127	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT3_7 24128	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT3_8 24129	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
GOWANUS_GT4_1 24130	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT4_2 24131	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61

GOWANUS_GT4_3 24132	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT4_4 24133	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT4_5 24134	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT4_6 24135	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT4_7 24136	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GOWANUS_GT4_8 24137	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GREENBSH_115KV_TB3 55895	30.15 0.71 0.00	27.62 0.59 0.00	25.65 0.55 0.00	24.19 0.52 0.00	24.16 0.50 0.00	25.53 0.50 0.00	28.45 0.56 0.00	30.07 0.59 0.00	31.58 0.59 0.00	34.08 0.60 0.00	36.14 0.60 0.00	37.18 0.66 0.00	39.86 0.70 0.00	42.89 0.63 0.00	44.78 0.75 0.00	49.78 0.93 0.00	55.84 1.20 0.00	61.15 1.49 0.00	58.29 1.37 0.00	50.23 1.31 -0.54	45.11 1.09 -0.55	39.54 1.08 0.00	35.77 0.77 0.00	33.73 0.82 0.00
GREENDGE_115KV_TB5 80291	29.85 0.41 0.00	27.43 0.41 0.00	25.53 0.43 0.00	24.10 0.43 0.00	24.16 0.50 0.00	25.63 0.60 0.00	28.43 0.53 0.00	30.04 0.56 0.00	31.58 0.59 0.00	34.21 0.64 -0.09	36.35 0.82 0.00	37.77 1.24 0.00	40.65 1.49 0.00	44.49 2.24 0.00	46.10 2.07 0.00	51.10 2.25 0.00	57.42 2.79 0.00	62.64 2.98 0.00	60.23 3.30 0.00	50.75 2.37 0.00	45.70 2.09 -0.15	39.73 1.27 0.00	36.16 1.09 -0.07	33.73 0.82 0.00
GREENIDGE___3 23582	29.85 0.41 0.00	27.43 0.41 0.00	25.53 0.43 0.00	24.10 0.43 0.00	24.16 0.50 0.00	25.63 0.60 0.00	28.43 0.53 0.00	30.04 0.56 0.00	31.58 0.59 0.00	34.21 0.64 -0.09	36.35 0.82 0.00	37.77 1.24 0.00	40.65 1.49 0.00	44.49 2.24 0.00	46.10 2.07 0.00	51.10 2.25 0.00	57.42 2.79 0.00	62.64 2.98 0.00	60.23 3.30 0.00	50.75 2.37 0.00	45.70 2.09 -0.15	39.73 1.27 0.00	36.16 1.09 -0.07	33.73 0.82 0.00
GREENIDGE___4 23583	29.82 0.38 0.00	27.65 0.62 0.00	25.65 0.55 0.00	24.10 0.43 0.00	24.21 0.54 0.00	25.63 0.60 0.00	28.45 0.56 0.00	30.03 0.56 0.00	31.57 0.59 0.00	34.21 0.63 -0.09	36.35 0.82 0.00	37.77 1.24 0.00	40.69 1.53 0.00	44.49 2.24 0.00	46.10 2.07 0.00	51.10 2.25 0.00	57.42 2.78 0.00	63.00 3.34 0.00	60.23 3.30 0.00	50.75 2.37 0.00	45.70 2.09 -0.15	39.96 1.50 0.00	36.37 1.30 -0.07	33.83 0.92 0.00
GREENLWN_69_KV_BK 3 55738	35.11 2.44 -3.22	32.17 2.08 -3.06	28.43 1.88 -1.44	25.42 1.75 0.00	26.60 1.70 -1.23	28.28 1.83 -1.42	31.02 2.15 -0.97	34.48 2.48 -2.53	36.32 2.63 -2.70	36.38 2.88 -0.02	37.81 2.27 0.00	39.15 2.63 0.00	41.70 2.55 0.00	45.00 2.75 0.00	46.85 2.82 0.00	52.03 3.18 0.00	58.24 3.61 0.00	63.30 3.64 0.00	59.95 3.02 0.00	51.08 2.61 -0.09	45.91 2.35 -0.09	40.69 2.23 0.00	36.60 1.61 0.01	34.95 2.04 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61
GRISSOM___SOLAR 323813	33.53 4.09 0.00	30.78 3.76 0.00	28.39 3.29 0.00	26.70 3.03 0.00	26.79 3.12 0.00	28.49 3.46 0.00	31.75 3.85 0.00	33.66 4.18 0.00	35.20 4.21 0.00	37.97 4.49 0.00	40.22 4.69 0.00	41.57 5.04 0.00	44.76 5.60 0.00	48.42 6.17 0.00	50.42 6.38 0.00	56.04 7.18 0.00	62.88 8.25 0.00	70.22 10.56 0.00	67.97 11.05 0.00	58.73 9.44 -0.92	52.75 8.35 -0.93	45.50 7.04 0.00	40.50 5.50 0.00	37.64 4.74 0.00
GROVEVILLE___HYD 323602	31.41 1.97 0.00	28.70 1.68 0.00	26.61 1.51 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.46 1.43 0.00	29.57 1.67 0.00	31.27 1.80 0.00	33.03 2.05 0.00	35.76 2.28 0.00	37.81 2.27 0.00	38.90 2.37 0.00	41.74 2.58 0.00	44.92 2.66 0.00	46.85 2.82 0.00	52.27 3.42 0.00	58.40 3.77 0.00	63.83 4.18 0.00	60.74 3.81 0.00	51.81 3.34 -0.09	46.43 2.87 -0.10	41.07 2.62 0.00	37.17 2.17 0.00	35.08 2.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.50 0.06 0.00	27.14 0.11 0.00	25.20 0.10 0.00	23.77 0.09 0.00	23.78 0.12 0.00	25.16 0.13 0.00	28.01 0.11 0.00	29.59 0.12 0.00	31.08 0.09 0.00	33.90 0.13 -0.28	35.71 0.18 0.00	36.93 0.40 0.00	39.67 0.51 0.00	43.01 0.76 0.00	44.83 0.79 0.00	49.68 0.83 0.00	55.67 1.04 0.00	60.73 1.07 0.00	58.01 1.08 0.00	49.15 0.77 0.00	44.69 0.74 -0.49	38.84 0.38 0.00	35.55 0.32 -0.23	33.14 0.23 0.00

HAMLTNNY_34_KV_TB 80303	29.56 0.12 0.00	27.19 0.16 0.00	25.28 0.18 0.00	23.84 0.17 0.00	23.85 0.19 0.00	25.23 0.20 0.00	28.06 0.17 0.00	29.68 0.21 0.00	31.17 0.19 0.00	34.00 0.23 -0.29	35.85 0.32 0.00	37.07 0.55 0.00	39.83 0.67 0.00	43.23 0.97 0.00	45.00 0.97 0.00	49.88 1.03 0.00	55.89 1.26 0.00	61.03 1.37 0.00	58.35 1.42 0.00	49.39 1.02 0.00	44.92 0.96 -0.50	39.00 0.54 0.00	35.69 0.46 -0.23	33.23 0.33 0.00
HAMPSHIRE___PAPER_HYD 323593	28.94 -0.50 0.00	26.51 -0.51 0.00	24.57 -0.53 0.00	23.17 -0.50 0.00	23.19 -0.47 0.00	24.58 -0.45 0.00	27.39 -0.50 0.00	28.97 -0.50 0.00	30.37 -0.62 0.00	32.81 -0.77 -0.09	34.72 -0.82 0.00	35.69 -0.84 0.00	38.18 -0.98 0.00	41.28 -0.97 0.00	43.06 -0.97 0.00	47.63 -1.22 0.00	52.88 -1.75 0.00	57.81 -1.85 0.00	55.33 -1.59 0.00	47.17 -1.21 0.00	42.72 -0.91 -0.16	37.34 -1.12 0.00	34.27 -0.80 -0.08	32.02 -0.89 0.00
HARDSCRABBLE_WT_PWR 323673	29.91 0.47 0.00	27.46 0.43 0.00	25.48 0.38 0.00	24.03 0.36 0.00	24.02 0.36 0.00	25.43 0.40 0.00	28.37 0.47 0.00	29.98 0.50 0.00	31.55 0.56 0.00	34.09 0.60 0.00	36.17 0.64 0.00	37.22 0.69 0.00	39.94 0.78 0.00	43.10 0.84 0.00	44.87 0.83 0.00	49.88 1.03 0.00	55.78 1.15 0.00	60.91 1.25 0.00	58.13 1.20 0.00	49.34 0.97 0.00	44.34 0.87 0.00	39.23 0.77 0.00	35.56 0.56 0.00	33.43 0.52 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.09 1.65 0.00	28.43 1.41 0.00	26.36 1.26 0.00	24.88 1.21 0.00	24.82 1.16 0.00	26.26 1.23 0.00	29.32 1.42 0.00	31.04 1.56 0.00	32.75 1.77 0.00	35.46 1.98 0.00	37.49 1.95 0.00	38.57 2.05 0.00	41.39 2.23 0.00	44.54 2.28 0.00	46.45 2.42 0.00	51.78 2.93 0.00	57.91 3.28 0.00	63.18 3.52 0.00	60.12 3.19 0.00	51.31 2.85 -0.08	45.99 2.43 -0.08	40.69 2.23 0.00	36.82 1.82 0.00	34.75 1.84 0.00
HARSNRAD_115KV_TB1 81005	28.91 -0.53 0.00	26.35 -0.68 0.00	24.75 -0.35 0.00	23.46 -0.21 0.00	23.57 -0.09 0.00	24.98 -0.05 0.00	27.28 -0.61 0.00	28.77 -0.71 0.00	30.55 -0.43 0.00	32.91 -0.57 0.00	35.28 -0.25 0.00	36.85 0.33 0.00	39.75 0.59 0.00	43.94 1.69 0.00	45.09 1.06 0.00	49.88 1.03 0.00	56.33 1.69 0.00	60.91 1.25 0.00	58.98 2.05 0.00	49.44 1.06 0.00	44.21 0.74 0.00	38.50 0.04 0.00	35.25 0.25 0.00	33.53 0.63 0.00
HARZA MOOSE___RIVER 24016	30.00 0.56 0.00	27.46 0.43 0.00	25.50 0.40 0.00	24.03 0.36 0.00	24.02 0.35 0.00	25.46 0.43 0.00	28.43 0.53 0.00	30.04 0.56 0.00	31.51 0.53 0.00	34.03 0.47 -0.08	35.99 0.46 0.00	37.18 0.66 0.00	39.90 0.74 0.00	43.14 0.89 0.00	45.05 1.01 0.00	50.03 1.17 0.00	55.89 1.26 0.00	61.15 1.49 0.00	58.52 1.59 0.00	49.83 1.45 0.00	45.04 1.43 -0.14	39.50 1.04 0.00	35.84 0.77 -0.06	33.46 0.56 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.29 -0.15 0.00	26.95 -0.08 0.00	25.05 -0.05 0.00	23.62 -0.05 0.00	23.64 -0.02 0.00	25.01 -0.03 0.00	27.84 -0.06 0.00	29.39 -0.09 0.00	30.89 -0.09 0.00	33.56 -0.07 -0.15	35.53 0.00 0.00	36.74 0.22 0.00	39.43 0.27 0.00	42.76 0.51 0.00	44.52 0.48 0.00	49.39 0.54 0.00	55.29 0.66 0.00	60.37 0.72 0.00	57.67 0.74 0.00	48.86 0.48 0.00	44.16 0.43 -0.26	38.61 0.15 0.00	35.23 0.11 -0.12	32.91 0.00 0.00
HELLGATE_13_KV_LD 55870	31.69 2.24 -0.01	28.90 1.86 0.00	26.74 1.63 0.00	25.16 1.49 0.00	25.11 1.44 0.00	26.53 1.50 0.00	29.74 1.84 0.00	31.66 2.18 0.00	33.47 2.48 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.37 2.85 0.00	42.10 2.94 0.00	45.17 2.92 0.00	46.98 2.95 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.23 3.30 0.00	51.56 3.10 -0.09	46.30 2.74 -0.09	41.11 2.65 0.00	37.45 2.45 0.00	35.48 2.57 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.69 2.24 -0.01	28.90 1.86 0.00	26.74 1.63 0.00	25.16 1.49 0.00	25.11 1.44 0.00	26.53 1.50 0.00	29.74 1.84 0.00	31.66 2.18 0.00	33.47 2.48 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.37 2.85 0.00	42.10 2.94 0.00	45.17 2.92 0.00	46.98 2.95 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.23 3.30 0.00	51.56 3.10 -0.09	46.30 2.74 -0.09	41.11 2.65 0.00	37.45 2.45 0.00	35.48 2.57 -0.01
HEMPSTEAD____ 23647	35.08 2.41 -3.22	32.22 2.13 -3.06	28.50 1.96 -1.44	25.49 1.82 0.00	26.67 1.78 -1.23	28.41 1.95 -1.42	31.16 2.29 -0.97	34.43 2.42 -2.53	36.36 2.67 -2.70	36.42 2.91 -0.02	38.27 2.74 0.00	39.59 3.07 0.00	42.13 2.97 0.00	45.46 3.21 0.00	47.34 3.30 0.00	52.52 3.67 0.00	58.78 4.15 0.00	63.83 4.17 0.00	60.57 3.65 0.00	51.61 3.14 -0.09	46.43 2.87 -0.09	41.19 2.73 0.00	36.99 1.99 0.00	35.31 2.40 0.00
HEWLETT_69_KV_BK3 55828	35.34 2.68 -3.22	32.39 2.30 -3.06	28.60 2.06 -1.44	25.59 1.92 0.00	26.79 1.89 -1.23	28.46 2.00 -1.42	31.21 2.34 -0.97	34.69 2.68 -2.53	36.63 2.94 -2.70	36.72 3.21 -0.02	38.62 3.09 0.00	40.03 3.51 0.00	42.64 3.49 0.00	46.01 3.76 0.00	47.91 3.87 0.00	53.01 4.15 0.00	59.33 4.70 0.00	64.49 4.83 0.00	61.20 4.27 0.00	52.14 3.68 -0.09	46.82 3.26 -0.09	41.73 3.27 0.00	37.66 2.66 0.00	35.83 2.93 0.00
HICKLING___1 23621	29.85 0.41 0.00	27.30 0.27 0.00	25.40 0.30 0.00	24.00 0.33 0.00	24.07 0.40 0.00	25.56 0.53 0.00	28.26 0.36 0.00	30.15 0.68 0.00	31.73 0.74 0.00	34.38 0.80 -0.09	36.56 1.03 0.00	37.99 1.46 0.00	40.84 1.68 0.00	44.70 2.45 0.00	46.32 2.29 0.00	51.34 2.49 0.00	57.86 3.22 0.00	62.94 3.28 0.00	60.46 3.53 0.00	51.02 2.61 -0.03	45.91 2.26 -0.18	40.00 1.54 0.00	36.44 1.37 -0.07	33.96 1.05 0.00
HICKLING___2 23622	29.85 0.41 0.00	27.30 0.27 0.00	25.40 0.30 0.00	24.00 0.33 0.00	24.07 0.40 0.00	25.56 0.53 0.00	28.26 0.36 0.00	30.15 0.68 0.00	31.73 0.74 0.00	34.38 0.80 -0.09	36.56 1.03 0.00	37.99 1.46 0.00	40.84 1.68 0.00	44.70 2.45 0.00	46.32 2.29 0.00	51.34 2.49 0.00	57.86 3.22 0.00	62.94 3.28 0.00	60.46 3.53 0.00	51.02 2.61 -0.03	45.91 2.26 -0.18	40.00 1.54 0.00	36.44 1.37 -0.07	33.96 1.05 0.00
HIGH FALLS___HY 23754	31.15 1.71 0.00	28.46 1.43 0.00	26.38 1.28 0.00	24.88 1.21 0.00	24.80 1.14 0.00	26.23 1.20 0.00	29.32 1.42 0.00	31.01 1.53 0.00	32.78 1.80 0.00	35.46 1.98 0.00	37.49 1.95 0.00	38.53 2.01 0.00	41.35 2.19 0.00	44.49 2.24 0.00	46.41 2.38 0.00	51.78 2.93 0.00	57.91 3.28 0.00	63.24 3.58 0.00	60.12 3.19 0.00	51.32 2.81 -0.14	46.00 2.39 -0.14	40.69 2.23 0.00	36.86 1.86 0.00	34.78 1.88 0.00
HIGH_RIVER___SOLAR 323847	30.85 1.41 0.00	28.33 1.30 0.00	26.26 1.16 0.00	24.76 1.09 0.00	24.75 1.09 0.00	26.23 1.20 0.00	29.23 1.34 0.00	30.80 1.33 0.00	32.32 1.33 0.00	34.89 1.41 0.00	36.92 1.38 0.00	38.13 1.61 0.00	40.88 1.72 0.00	44.07 1.82 0.00	45.92 1.89 0.00	51.00 2.15 0.00	57.15 2.51 0.00	62.76 3.10 0.00	60.17 3.24 0.00	52.40 2.95 -1.07	47.21 2.65 -1.09	40.81 2.35 0.00	36.82 1.82 0.00	34.55 1.64 0.00

HILLBURN___GT 23639	31.09 1.65 0.00	28.51 1.49 0.00	26.46 1.35 0.00	24.97 1.30 0.00	24.92 1.25 0.00	26.41 1.38 0.00	29.51 1.62 0.00	31.10 1.62 0.00	32.75 1.77 0.00	35.42 1.94 0.00	37.45 1.92 0.00	38.61 2.08 0.00	41.35 2.19 0.00	44.49 2.24 0.00	46.36 2.33 0.00	51.73 2.88 0.00	57.80 3.17 0.00	62.94 3.28 0.00	59.83 2.90 0.00	51.07 2.61 -0.08	45.81 2.26 -0.09	40.69 2.23 0.00	36.68 1.68 0.00	34.68 1.78 0.00
HILLSIDE_115KV_TB1 80332	29.38 -0.06 0.00	26.89 -0.14 0.00	25.03 -0.08 0.00	23.67 0.00 0.00	23.73 0.07 0.00	25.21 0.18 0.00	27.84 -0.06 0.00	29.68 0.21 0.00	31.23 0.25 0.00	33.84 0.27 -0.09	35.99 0.46 0.00	37.37 0.84 0.00	40.14 0.98 0.00	43.94 1.69 0.00	45.53 1.50 0.00	50.47 1.61 0.00	56.76 2.13 0.00	61.75 2.09 0.00	59.32 2.39 0.00	50.05 1.64 -0.03	45.04 1.39 -0.18	39.34 0.88 0.00	35.84 0.77 -0.07	33.37 0.46 0.00
HISHELDN_WT_PWR 323625	29.38 -0.06 0.00	27.33 0.30 0.00	25.40 0.30 0.00	23.81 0.14 0.00	23.99 0.33 0.00	25.35 0.32 0.00	27.84 -0.06 0.00	29.42 -0.06 0.00	31.17 0.19 0.00	33.62 0.13 0.00	36.03 0.50 0.00	37.62 1.09 0.00	40.57 1.41 0.00	44.70 2.45 0.00	45.97 1.94 0.00	50.95 2.10 0.00	57.42 2.78 0.00	62.76 3.10 0.00	60.06 3.13 0.00	50.41 2.03 0.00	45.12 1.65 0.00	39.69 1.23 0.00	36.19 1.19 0.00	33.83 0.92 0.00
HOLTSVILLE_IC_1 23690	35.08 2.41 -3.22	32.28 2.19 -3.06	28.55 2.01 -1.44	25.59 1.92 0.00	26.74 1.85 -1.23	28.51 2.05 -1.42	31.27 2.40 -0.97	34.43 2.42 -2.53	36.38 2.69 -2.70	36.42 2.91 -0.02	38.23 2.70 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.30 3.04 0.00	47.12 3.08 0.00	52.22 3.37 0.00	58.51 3.88 0.00	63.53 3.88 0.00	60.23 3.30 0.00	51.37 2.90 -0.09	46.30 2.74 -0.10	41.04 2.58 0.00	36.53 1.54 0.01	35.11 2.20 0.00
HOLTSVILLE_IC_10 23699	35.25 2.59 -3.22	32.44 2.35 -3.06	28.70 2.16 -1.44	25.73 2.06 0.00	26.88 1.99 -1.23	28.66 2.20 -1.42	31.43 2.56 -0.97	34.60 2.59 -2.53	36.64 2.95 -2.70	36.69 3.18 -0.02	38.59 3.06 0.00	39.85 3.32 -0.01	42.34 3.17 -0.01	45.76 3.51 -0.01	47.52 3.48 -0.01	52.61 3.76 0.00	59.01 4.37 0.00	64.07 4.41 0.00	60.74 3.81 0.00	51.85 3.39 -0.09	46.74 3.17 -0.10	41.39 2.92 -0.01	36.81 1.82 0.01	35.34 2.43 0.00
HOLTSVILLE_IC_2 23691	35.08 2.41 -3.22	32.28 2.19 -3.06	28.55 2.01 -1.44	25.59 1.92 0.00	26.74 1.85 -1.23	28.51 2.05 -1.42	31.27 2.40 -0.97	34.43 2.42 -2.53	36.38 2.69 -2.70	36.42 2.91 -0.02	38.23 2.70 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.30 3.04 0.00	47.12 3.08 0.00	52.22 3.37 0.00	58.51 3.88 0.00	63.53 3.88 0.00	60.23 3.30 0.00	51.37 2.90 -0.09	46.30 2.74 -0.10	41.04 2.58 0.00	36.53 1.54 0.01	35.11 2.20 0.00
HOLTSVILLE_IC_3 23692	35.08 2.41 -3.22	32.28 2.19 -3.06	28.55 2.01 -1.44	25.59 1.92 0.00	26.74 1.85 -1.23	28.51 2.05 -1.42	31.27 2.40 -0.97	34.43 2.42 -2.53	36.38 2.69 -2.70	36.42 2.91 -0.02	38.23 2.70 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.30 3.04 0.00	47.12 3.08 0.00	52.22 3.37 0.00	58.51 3.88 0.00	63.53 3.88 0.00	60.23 3.30 0.00	51.37 2.90 -0.09	46.30 2.74 -0.10	41.04 2.58 0.00	36.53 1.54 0.01	35.11 2.20 0.00
HOLTSVILLE_IC_4 23693	35.08 2.41 -3.22	32.28 2.19 -3.06	28.55 2.01 -1.44	25.59 1.92 0.00	26.74 1.85 -1.23	28.51 2.05 -1.42	31.27 2.40 -0.97	34.43 2.42 -2.53	36.38 2.69 -2.70	36.42 2.91 -0.02	38.23 2.70 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.30 3.04 0.00	47.12 3.08 0.00	52.22 3.37 0.00	58.51 3.88 0.00	63.53 3.88 0.00	60.23 3.30 0.00	51.37 2.90 -0.09	46.30 2.74 -0.10	41.04 2.58 0.00	36.53 1.54 0.01	35.11 2.20 0.00
HOLTSVILLE_IC_5 23694	35.08 2.41 -3.22	32.28 2.19 -3.06	28.55 2.01 -1.44	25.59 1.92 0.00	26.74 1.85 -1.23	28.51 2.05 -1.42	31.27 2.40 -0.97	34.43 2.42 -2.53	36.38 2.69 -2.70	36.42 2.91 -0.02	38.23 2.70 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.30 3.04 0.00	47.12 3.08 0.00	52.22 3.37 0.00	58.51 3.88 0.00	63.53 3.88 0.00	60.23 3.30 0.00	51.37 2.90 -0.09	46.30 2.74 -0.10	41.04 2.58 0.00	36.53 1.54 0.01	35.11 2.20 0.00
HOLTSVILLE_IC_6 23695	35.25 2.59 -3.22	32.44 2.35 -3.06	28.70 2.16 -1.44	25.73 2.06 0.00	26.88 1.99 -1.23	28.66 2.20 -1.42	31.43 2.56 -0.97	34.60 2.59 -2.53	36.64 2.95 -2.70	36.69 3.18 -0.02	38.59 3.06 0.00	39.85 3.32 -0.01	42.34 3.17 -0.01	45.76 3.51 -0.01	47.52 3.48 -0.01	52.61 3.76 0.00	59.01 4.37 0.00	64.07 4.41 0.00	60.74 3.81 0.00	51.85 3.39 -0.09	46.74 3.17 -0.10	41.39 2.92 -0.01	36.81 1.82 0.01	35.34 2.43 0.00
HOLTSVILLE_IC_7 23696	35.25 2.59 -3.22	32.44 2.35 -3.06	28.70 2.16 -1.44	25.73 2.06 0.00	26.88 1.99 -1.23	28.66 2.20 -1.42	31.43 2.56 -0.97	34.60 2.59 -2.53	36.64 2.95 -2.70	36.69 3.18 -0.02	38.59 3.06 0.00	39.85 3.32 -0.01	42.34 3.17 -0.01	45.76 3.51 -0.01	47.52 3.48 -0.01	52.61 3.76 0.00	59.01 4.37 0.00	64.07 4.41 0.00	60.74 3.81 0.00	51.85 3.39 -0.09	46.74 3.17 -0.10	41.39 2.92 -0.01	36.81 1.82 0.01	35.34 2.43 0.00
HOLTSVILLE_IC_8 23697	35.25 2.59 -3.22	32.44 2.35 -3.06	28.70 2.16 -1.44	25.73 2.06 0.00	26.88 1.99 -1.23	28.66 2.20 -1.42	31.43 2.56 -0.97	34.60 2.59 -2.53	36.64 2.95 -2.70	36.69 3.18 -0.02	38.59 3.06 0.00	39.85 3.32 -0.01	42.34 3.17 -0.01	45.76 3.51 -0.01	47.52 3.48 -0.01	52.61 3.76 0.00	59.01 4.37 0.00	64.07 4.41 0.00	60.74 3.81 0.00	51.85 3.39 -0.09	46.74 3.17 -0.10	41.39 2.92 -0.01	36.81 1.82 0.01	35.34 2.43 0.00
HOLTSVILLE_IC_9 23698	35.25 2.59 -3.22	32.44 2.35 -3.06	28.70 2.16 -1.44	25.73 2.06 0.00	26.88 1.99 -1.23	28.66 2.20 -1.42	31.43 2.56 -0.97	34.60 2.59 -2.53	36.64 2.95 -2.70	36.69 3.18 -0.02	38.59 3.06 0.00	39.85 3.32 -0.01	42.34 3.17 -0.01	45.76 3.51 -0.01	47.52 3.48 -0.01	52.61 3.76 0.00	59.01 4.37 0.00	64.07 4.41 0.00	60.74 3.81 0.00	51.85 3.39 -0.09	46.74 3.17 -0.10	41.39 2.92 -0.01	36.81 1.82 0.01	35.34 2.43 0.00
HOMER_HL_115KV_TB2 355744	29.32 -0.12 0.00	26.70 -0.32 0.00	24.95 -0.15 0.00	23.70 0.02 0.00	23.76 0.09 0.00	25.31 0.28 0.00	27.70 -0.20 0.00	29.71 0.24 0.00	31.39 0.40 0.00	33.82 0.33 0.00	36.35 0.82 0.00	37.91 1.39 0.00	40.41 1.25 0.00	44.70 2.45 0.00	45.97 1.94 0.00	51.00 2.15 0.00	57.47 2.84 0.00	62.10 2.45 0.00	60.06 3.13 0.00	50.51 2.13 0.00	45.21 1.74 0.00	39.42 0.96 0.00	36.23 1.23 0.00	33.73 0.82 0.00
HOWARD_WT_PWR 323690	29.97 0.53 0.00	27.92 0.89 0.00	25.91 0.80 0.00	24.31 0.64 0.00	24.47 0.80 0.00	25.91 0.88 0.00	28.62 0.72 0.00	30.36 0.88 0.00	31.98 0.99 0.00	34.58 1.04 -0.06	36.77 1.24 0.00	38.35 1.83 0.00	41.27 2.11 0.00	45.30 3.04 0.00	46.67 2.64 0.00	51.78 2.93 0.00	58.13 3.50 0.00	63.66 4.00 0.00	60.80 3.87 0.00	51.18 2.80 0.00	45.98 2.39 -0.12	40.30 1.85 0.00	36.67 1.61 -0.06	34.16 1.25 0.00

HQ_GEN_CEDARS 23644	29.03 -0.41 0.00	26.65 -0.38 0.00	24.73 -0.38 0.00	23.29 -0.38 0.00	23.31 -0.35 0.00	24.68 -0.35 0.00	27.51 -0.39 0.00	29.09 -0.38 0.00	30.52 -0.46 0.00	32.98 -0.50 0.00	35.07 -0.46 0.00	35.83 -0.69 0.00	38.26 -0.90 0.00	41.32 -0.93 0.00	43.11 -0.92 0.00	47.49 -1.37 0.00	52.23 -2.40 0.00	57.09 -2.57 0.00	54.42 -2.50 0.00	46.25 -2.13 0.00	41.64 -1.83 0.00	37.46 -1.00 0.00	34.16 -0.84 0.00	32.08 -0.82 0.00
HQ_GEN_CEDARS_PROXY 323590	29.03 -0.41 0.00	26.65 -0.38 0.00	24.73 -0.38 0.00	23.29 -0.38 0.00	23.31 -0.35 0.00	24.68 -0.35 0.00	27.53 -0.36 0.00	29.09 -0.38 0.00	30.52 -0.46 0.00	32.89 -0.50 0.09	35.16 -0.46 -0.09	35.83 -0.70 0.00	37.03 -0.90 1.23	37.03 -0.93 4.29	37.03 -0.93 6.08	37.03 -1.37 10.46	52.23 -2.40 0.00	57.09 -2.56 0.00	54.42 -2.50 0.00	46.20 -2.18 0.00	41.65 -1.82 0.00	36.65 -1.81 0.00	34.26 -0.84 -0.10	31.99 -0.82 0.10
HQ_GEN_IMPORT 323601	29.00 -0.44 0.00	26.62 -0.40 0.00	24.73 -0.38 0.00	23.32 -0.35 0.00	23.31 -0.35 0.00	24.66 -0.37 0.00	27.51 -0.39 0.00	29.06 -0.41 0.00	30.55 -0.43 0.00	32.93 -0.47 0.09	35.12 -0.50 -0.09	35.48 -0.70 0.35	35.48 -0.78 2.90	35.48 -0.84 5.93	35.48 -0.88 7.67	38.24 -1.12 9.49	53.27 -1.36 0.00	58.17 -1.49 0.00	55.45 -1.48 0.00	40.24 -1.26 6.88	38.49 -1.09 3.89	35.48 -1.04 1.94	34.43 -0.67 -0.10	32.15 -0.66 0.10
HQ_GEN_WHEEL 23651	29.00 -0.44 0.00	26.62 -0.40 0.00	24.73 -0.38 0.00	23.32 -0.35 0.00	23.31 -0.35 0.00	24.66 -0.37 0.00	27.51 -0.39 0.00	29.06 -0.41 0.00	30.55 -0.43 0.00	32.93 -0.47 0.09	35.12 -0.50 -0.09	35.48 -0.70 0.35	35.48 -0.78 2.90	35.48 -0.84 5.93	35.48 -0.88 7.67	38.24 -1.12 9.49	53.27 -1.36 0.00	58.17 -1.49 0.00	55.45 -1.48 0.00	40.24 -1.26 6.88	38.49 -1.09 3.89	35.48 -1.04 1.94	34.43 -0.67 -0.10	32.15 -0.66 0.10
HUDSON AVE_GT_3 23810	31.59 2.15 0.00	28.84 1.81 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.08 1.42 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.69 2.21 0.00	33.47 2.48 0.00	36.19 2.71 0.00	38.23 2.70 0.00	39.45 2.92 0.00	42.17 3.02 0.00	45.25 3.00 0.00	47.16 3.13 0.00	52.61 3.76 0.00	58.68 4.04 0.00	63.77 4.12 0.00	60.57 3.64 0.00	51.81 3.34 -0.09	46.47 2.91 -0.09	41.27 2.81 0.00	37.45 2.45 0.00	35.41 2.50 0.00
HUDSON AVE_GT_4 23540	31.59 2.15 0.00	28.84 1.81 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.08 1.42 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.69 2.21 0.00	33.47 2.48 0.00	36.19 2.71 0.00	38.23 2.70 0.00	39.45 2.92 0.00	42.17 3.02 0.00	45.25 3.00 0.00	47.16 3.13 0.00	52.61 3.76 0.00	58.68 4.04 0.00	63.77 4.12 0.00	60.57 3.64 0.00	51.81 3.34 -0.09	46.47 2.91 -0.09	41.27 2.81 0.00	37.45 2.45 0.00	35.41 2.50 0.00
HUDSON AVE_GT_5 23657	31.59 2.15 0.00	28.84 1.81 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.08 1.42 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.69 2.21 0.00	33.47 2.48 0.00	36.19 2.71 0.00	38.23 2.70 0.00	39.45 2.92 0.00	42.17 3.02 0.00	45.25 3.00 0.00	47.16 3.13 0.00	52.61 3.76 0.00	58.68 4.04 0.00	63.77 4.12 0.00	60.57 3.64 0.00	51.81 3.34 -0.09	46.47 2.91 -0.09	41.27 2.81 0.00	37.45 2.45 0.00	35.41 2.50 0.00
HUDSON_AVE_10 24168	31.53 2.09 0.00	28.78 1.76 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.01 1.35 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.66 2.18 0.00	33.40 2.42 0.00	36.13 2.65 0.00	38.16 2.63 0.00	39.37 2.85 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.57 3.71 0.00	58.57 3.93 0.00	63.65 4.00 0.00	60.46 3.53 0.00	51.76 3.29 -0.09	46.43 2.87 -0.09	41.19 2.73 0.00	37.38 2.38 0.00	35.34 2.43 0.00
HUDSON___115KV_TB 4 355613	30.82 1.38 0.00	28.22 1.19 0.00	26.18 1.08 0.00	24.69 1.02 0.00	24.68 1.02 0.00	26.06 1.03 0.00	29.04 1.14 0.00	30.48 1.00 0.00	32.01 1.02 0.00	34.49 1.00 0.00	36.49 0.96 0.00	37.51 0.99 0.00	40.26 1.10 0.00	43.35 1.10 0.00	45.31 1.28 0.00	50.42 1.56 0.00	56.66 2.02 0.00	62.40 2.74 0.00	59.77 2.85 0.00	51.19 2.37 -0.44	46.00 2.09 -0.44	40.42 1.96 0.00	36.51 1.51 0.00	34.48 1.58 0.00
HUNTER MOUNT___DRP 323613	30.97 1.53 0.00	28.35 1.32 0.00	26.33 1.23 0.00	24.81 1.14 0.00	24.82 1.16 0.00	26.18 1.15 0.00	29.18 1.28 0.00	30.57 1.09 0.00	32.10 1.12 0.00	34.59 1.10 0.00	36.56 1.03 0.00	37.55 1.02 0.00	40.33 1.17 0.00	43.44 1.18 0.00	45.40 1.37 0.00	50.51 1.66 0.00	56.87 2.24 0.00	62.76 3.10 0.00	60.23 3.30 0.00	51.31 2.56 -0.37	46.10 2.26 -0.37	40.65 2.19 0.00	36.68 1.68 0.00	34.58 1.68 0.00
HUNTINGTON_RES_REC 323705	35.20 2.53 -3.22	32.39 2.30 -3.06	28.62 2.08 -1.44	25.66 1.99 0.00	26.81 1.92 -1.23	28.56 2.10 -1.42	31.32 2.46 -0.97	34.57 2.56 -2.53	36.48 2.79 -2.70	36.52 3.01 -0.02	38.20 2.67 0.00	39.52 3.00 0.00	42.06 2.90 0.00	45.42 3.17 0.00	47.29 3.26 0.00	52.42 3.56 0.00	58.73 4.10 0.00	63.77 4.11 0.00	60.46 3.53 0.00	51.52 3.05 -0.09	46.38 2.82 -0.09	41.07 2.62 0.00	36.60 1.61 0.01	35.08 2.17 0.00
HUNTLEY___63 23557	29.26 -0.18 0.00	26.65 -0.38 0.00	25.00 -0.10 0.00	23.70 0.02 0.00	23.80 0.14 0.00	25.23 0.20 0.00	27.56 -0.33 0.00	29.12 -0.35 0.00	30.96 -0.03 0.00	33.31 -0.17 0.00	35.85 0.32 0.00	37.51 0.99 0.00	40.49 1.33 0.00	44.62 2.37 0.00	45.75 1.72 0.00	50.66 1.81 0.00	57.26 2.62 0.00	61.81 2.15 0.00	59.83 2.90 0.00	50.12 1.74 0.00	44.82 1.35 0.00	39.07 0.62 0.00	35.67 0.67 0.00	33.76 0.86 0.00
HUNTLEY___64 23558	29.26 -0.18 0.00	26.65 -0.38 0.00	25.00 -0.10 0.00	23.70 0.02 0.00	23.80 0.14 0.00	25.23 0.20 0.00	27.56 -0.33 0.00	29.12 -0.35 0.00	30.96 -0.03 0.00	33.31 -0.17 0.00	35.85 0.32 0.00	37.51 0.99 0.00	40.49 1.33 0.00	44.62 2.37 0.00	45.75 1.72 0.00	50.66 1.81 0.00	57.26 2.62 0.00	61.81 2.15 0.00	59.83 2.90 0.00	50.12 1.74 0.00	44.82 1.35 0.00	39.07 0.62 0.00	35.67 0.67 0.00	33.76 0.86 0.00
HUNTLEY___65 23559	29.26 -0.18 0.00	26.65 -0.38 0.00	25.00 -0.10 0.00	23.70 0.02 0.00	23.80 0.14 0.00	25.23 0.20 0.00	27.56 -0.33 0.00	29.12 -0.35 0.00	30.96 -0.03 0.00	33.31 -0.17 0.00	35.85 0.32 0.00	37.51 0.99 0.00	40.49 1.33 0.00	44.62 2.37 0.00	45.75 1.72 0.00	50.66 1.81 0.00	57.26 2.62 0.00	61.81 2.15 0.00	59.83 2.90 0.00	50.12 1.74 0.00	44.82 1.35 0.00	39.07 0.62 0.00	35.67 0.67 0.00	33.76 0.86 0.00
HUNTLEY___66 23560	29.26 -0.18 0.00	26.65 -0.38 0.00	25.00 -0.10 0.00	23.70 0.02 0.00	23.80 0.14 0.00	25.23 0.20 0.00	27.56 -0.33 0.00	29.12 -0.35 0.00	30.96 -0.03 0.00	33.31 -0.17 0.00	35.85 0.32 0.00	37.51 0.99 0.00	40.49 1.33 0.00	44.62 2.37 0.00	45.75 1.72 0.00	50.66 1.81 0.00	57.26 2.62 0.00	61.81 2.15 0.00	59.83 2.90 0.00	50.12 1.74 0.00	44.82 1.35 0.00	39.07 0.62 0.00	35.67 0.67 0.00	33.76 0.86 0.00

HUNTLEY___67 23561	29.06 -0.38 0.00	26.51 -0.51 0.00	24.88 -0.23 0.00	23.58 -0.09 0.00	23.69 0.02 0.00	25.11 0.08 0.00	27.45 -0.45 0.00	28.97 -0.50 0.00	30.77 -0.22 0.00	33.11 -0.37 0.00	35.64 0.11 0.00	37.22 0.69 0.00	40.10 0.94 0.00	44.32 2.07 0.00	45.53 1.50 0.00	50.42 1.56 0.00	56.93 2.29 0.00	61.57 1.91 0.00	59.55 2.62 0.00	49.88 1.50 0.00	44.60 1.13 0.00	38.84 0.38 0.00	35.46 0.46 0.00	33.46 0.56 0.00
HUNTLEY___68 23562	29.06 -0.38 0.00	26.51 -0.51 0.00	24.88 -0.23 0.00	23.58 -0.09 0.00	23.69 0.02 0.00	25.11 0.08 0.00	27.45 -0.45 0.00	28.97 -0.50 0.00	30.77 -0.22 0.00	33.11 -0.37 0.00	35.64 0.11 0.00	37.22 0.69 0.00	40.10 0.94 0.00	44.32 2.07 0.00	45.53 1.50 0.00	50.42 1.56 0.00	56.93 2.29 0.00	61.57 1.91 0.00	59.55 2.62 0.00	49.88 1.50 0.00	44.60 1.13 0.00	38.84 0.38 0.00	35.46 0.46 0.00	33.46 0.56 0.00
HYLAND___LFGE 323620	30.97 1.53 0.00	28.62 1.59 0.00	26.53 1.43 0.00	24.85 1.18 0.00	25.01 1.35 0.00	26.48 1.45 0.00	29.23 1.34 0.00	30.89 1.41 0.00	32.10 1.11 0.00	34.22 0.74 0.00	35.11 -0.42 0.00	36.53 0.00 0.00	39.24 0.08 0.00	42.76 0.51 0.00	44.30 0.27 0.00	49.39 0.54 0.00	55.62 0.98 0.00	61.57 1.91 0.00	59.83 2.90 0.00	51.28 2.90 0.00	46.47 3.00 0.00	40.73 2.27 0.00	36.93 1.92 0.00	35.34 2.43 0.00
INDECK___CORINTH 23802	31.21 1.77 0.00	28.70 1.68 0.00	26.56 1.46 0.00	25.00 1.32 0.00	25.01 1.35 0.00	26.53 1.50 0.00	29.57 1.67 0.00	31.21 1.74 0.00	32.78 1.80 0.00	35.46 1.97 0.00	37.13 1.60 0.00	38.39 1.86 0.00	41.23 2.07 0.00	44.20 1.94 0.00	46.23 2.20 0.00	51.39 2.54 0.00	57.69 3.06 0.00	63.53 3.88 0.00	61.54 4.61 0.00	53.48 4.11 -0.99	48.39 3.91 -1.01	41.73 3.27 0.00	37.38 2.38 0.00	34.98 2.07 0.00
INDECK___ILION 23567	29.82 0.38 0.00	27.35 0.32 0.00	25.40 0.30 0.00	23.96 0.28 0.00	23.95 0.28 0.00	25.33 0.30 0.00	28.26 0.36 0.00	29.86 0.38 0.00	31.39 0.40 0.00	33.92 0.44 0.00	35.99 0.46 0.00	37.04 0.51 0.00	39.75 0.59 0.00	42.89 0.63 0.00	44.69 0.66 0.00	49.63 0.78 0.00	55.56 0.93 0.00	60.67 1.01 0.00	57.90 0.97 0.00	49.25 0.87 0.00	44.21 0.74 0.00	39.11 0.65 0.00	35.49 0.49 0.00	33.37 0.46 0.00
INDECK___OLEAN 23982	29.32 -0.12 0.00	27.27 0.24 0.00	25.35 0.25 0.00	23.79 0.12 0.00	23.99 0.33 0.00	25.46 0.43 0.00	27.95 0.06 0.00	29.71 0.23 0.00	31.39 0.40 0.00	33.82 0.33 0.00	36.35 0.82 0.00	37.95 1.42 0.00	40.45 1.29 0.00	44.70 2.45 0.00	46.02 1.98 0.00	51.00 2.15 0.00	57.47 2.84 0.00	62.76 3.10 0.00	60.06 3.13 0.00	50.50 2.13 0.00	45.21 1.74 0.00	40.30 1.85 0.00	36.54 1.54 0.00	33.83 0.92 0.00
INDECK___OSWEGO 23783	28.88 -0.56 0.00	26.54 -0.49 0.00	24.65 -0.45 0.00	23.27 -0.40 0.00	23.26 -0.40 0.00	24.58 -0.45 0.00	27.36 -0.53 0.00	28.95 -0.53 0.00	30.40 -0.59 0.00	33.52 -0.64 -0.67	34.89 -0.64 0.00	36.05 -0.48 0.00	38.38 -0.78 0.00	41.49 -0.76 0.00	43.19 -0.84 0.00	47.92 -0.93 0.00	53.70 -0.93 0.00	58.70 -0.96 0.00	56.01 -0.91 0.00	47.56 -0.82 0.00	43.89 -0.74 -1.16	37.73 -0.73 0.00	35.13 -0.42 -0.55	32.44 -0.46 0.00
INDECK___YERKES 23781	29.27 -0.18 0.00	27.27 0.24 0.00	25.33 0.23 0.00	23.74 0.07 0.00	23.95 0.28 0.00	25.26 0.22 0.00	27.64 -0.25 0.00	29.15 -0.32 0.00	31.02 0.03 0.00	33.38 -0.10 0.00	35.92 0.39 0.00	37.58 1.06 0.00	40.61 1.45 0.00	44.62 2.36 0.00	45.80 1.76 0.00	50.71 1.86 0.00	57.26 2.62 0.00	62.64 2.98 0.00	59.83 2.90 0.00	50.12 1.74 0.00	44.82 1.35 0.00	39.57 1.12 0.00	36.23 1.22 0.00	33.93 1.02 0.00
INDIAN POINT_GT_1 24139	31.18 1.74 0.00	28.51 1.49 0.00	26.41 1.31 0.00	24.90 1.23 0.00	24.85 1.18 0.00	26.28 1.25 0.00	29.40 1.51 0.00	31.22 1.74 0.00	32.91 1.92 0.00	35.56 2.08 0.00	37.59 2.06 0.00	38.79 2.26 0.00	41.55 2.39 0.00	44.66 2.41 0.00	46.54 2.51 0.00	51.88 3.03 0.00	57.97 3.33 0.00	63.12 3.46 0.00	60.00 3.07 0.00	51.27 2.81 -0.09	45.99 2.43 -0.09	40.77 2.31 0.00	36.93 1.93 0.00	34.88 1.97 0.00
INDIAN POINT_GT_2 23659	31.18 1.74 0.00	28.51 1.49 0.00	26.41 1.31 0.00	24.90 1.23 0.00	24.85 1.18 0.00	26.28 1.25 0.00	29.40 1.51 0.00	31.22 1.74 0.00	32.91 1.92 0.00	35.56 2.08 0.00	37.59 2.06 0.00	38.79 2.26 0.00	41.55 2.39 0.00	44.66 2.41 0.00	46.54 2.51 0.00	51.88 3.03 0.00	57.97 3.33 0.00	63.12 3.46 0.00	60.00 3.07 0.00	51.27 2.81 -0.09	45.99 2.43 -0.09	40.77 2.31 0.00	36.93 1.93 0.00	34.88 1.97 0.00
INDIAN POINT_GT_3 24019	31.18 1.74 0.00	28.51 1.49 0.00	26.41 1.31 0.00	24.90 1.23 0.00	24.85 1.18 0.00	26.28 1.25 0.00	29.40 1.51 0.00	31.22 1.74 0.00	32.91 1.92 0.00	35.56 2.08 0.00	37.59 2.06 0.00	38.79 2.26 0.00	41.55 2.39 0.00	44.66 2.41 0.00	46.54 2.51 0.00	51.88 3.03 0.00	57.97 3.33 0.00	63.12 3.46 0.00	60.00 3.07 0.00	51.27 2.81 -0.09	45.99 2.43 -0.09	40.77 2.31 0.00	36.93 1.93 0.00	34.88 1.97 0.00
INDIAN POINT___2 23530	31.12 1.68 0.00	28.54 1.51 0.00	26.48 1.38 0.00	24.97 1.30 0.00	24.92 1.25 0.00	26.43 1.40 0.00	29.54 1.65 0.00	31.16 1.68 0.00	32.81 1.83 0.00	35.49 2.01 0.00	37.52 1.99 0.00	38.68 2.15 0.00	41.39 2.23 0.00	44.53 2.28 0.00	46.41 2.38 0.00	51.73 2.88 0.00	57.80 3.17 0.00	62.88 3.22 0.00	59.83 2.90 0.00	51.12 2.66 -0.09	45.86 2.30 -0.09	40.73 2.27 0.00	36.72 1.71 0.00	34.75 1.84 0.00
INDIAN POINT___3 23531	31.09 1.65 0.00	28.46 1.43 0.00	26.36 1.26 0.00	24.85 1.18 0.00	24.80 1.14 0.00	26.26 1.23 0.00	29.35 1.45 0.00	31.16 1.68 0.00	32.81 1.83 0.00	35.49 2.01 0.00	37.49 1.95 0.00	38.68 2.15 0.00	41.39 2.23 0.00	44.49 2.24 0.00	46.41 2.38 0.00	51.74 2.88 0.00	57.80 3.17 0.00	62.94 3.28 0.00	59.83 2.90 0.00	51.13 2.66 -0.09	45.86 2.30 -0.09	40.65 2.19 0.00	36.82 1.82 0.00	34.78 1.88 0.00
INGHAM_C_115KV_TB7 356103	29.94 0.50 0.00	27.46 0.43 0.00	25.50 0.40 0.00	24.05 0.38 0.00	24.02 0.35 0.00	25.43 0.40 0.00	28.37 0.47 0.00	29.98 0.50 0.00	31.54 0.56 0.00	34.08 0.60 0.00	36.14 0.60 0.00	37.18 0.66 0.00	39.90 0.74 0.00	43.06 0.80 0.00	44.83 0.79 0.00	49.83 0.98 0.00	55.78 1.15 0.00	60.91 1.25 0.00	58.12 1.20 0.00	49.39 1.02 0.00	44.34 0.87 0.00	39.23 0.77 0.00	35.60 0.60 0.00	33.46 0.56 0.00
IP CORINTH___1 23988	31.38 1.94 0.00	28.81 1.78 0.00	26.63 1.53 0.00	25.07 1.40 0.00	25.08 1.42 0.00	26.58 1.55 0.00	29.63 1.73 0.00	31.30 1.83 0.00	32.97 1.98 0.00	35.66 2.18 0.00	37.34 1.81 0.00	38.61 2.08 0.00	41.47 2.31 0.00	44.41 2.15 0.00	46.50 2.47 0.00	51.69 2.83 0.00	58.02 3.39 0.00	63.95 4.30 0.00	61.88 4.95 0.00	53.77 4.40 -0.99	48.65 4.17 -1.01	41.88 3.42 0.00	37.59 2.59 0.00	35.18 2.27 0.00

IP__TICONDEROGA 23804	33.12 3.68 0.00	30.41 3.38 0.00	28.04 2.94 0.00	26.37 2.70 0.00	26.38 2.72 0.00	28.03 3.00 0.00	31.16 3.26 0.00	32.92 3.45 0.00	34.67 3.69 0.00	37.53 4.05 0.00	39.30 3.77 0.00	40.76 4.24 0.00	43.78 4.62 0.00	47.07 4.82 0.00	49.36 5.33 0.00	54.81 5.96 0.00	61.52 6.88 0.00	68.31 8.65 0.00	66.26 9.34 0.00	57.54 8.18 -0.98	51.99 7.52 -1.00	44.65 6.19 0.00	39.87 4.87 0.00	37.18 4.28 0.00
ISLIP_RES_REC 323679	35.43 2.77 -3.22	32.57 2.48 -3.06	28.85 2.31 -1.44	25.85 2.18 0.00	27.00 2.11 -1.23	28.81 2.35 -1.42	31.57 2.71 -0.97	34.81 2.80 -2.53	36.85 3.16 -2.70	36.92 3.42 -0.02	38.91 3.38 0.00	40.22 3.69 -0.01	42.77 3.60 -0.01	46.23 3.97 -0.01	48.00 3.96 -0.01	53.15 4.30 0.00	59.60 4.97 0.00	64.67 5.01 0.00	61.31 4.38 0.00	52.34 3.87 -0.09	47.13 3.57 -0.10	41.73 3.27 -0.01	37.06 2.06 0.01	35.60 2.70 0.00
JAMAICA__27_KV_LOAD 355505	31.86 2.41 0.00	29.00 1.97 0.00	26.83 1.73 0.00	25.26 1.59 0.00	25.18 1.51 0.00	26.71 1.68 0.00	30.02 2.12 0.00	31.95 2.48 0.00	33.78 2.79 0.00	36.50 3.01 0.00	38.59 3.06 0.00	39.81 3.29 0.00	42.64 3.49 0.00	45.80 3.55 0.00	47.69 3.65 0.00	53.26 4.40 -0.01	59.39 4.75 -0.01	64.56 4.89 -0.01	61.32 4.38 -0.01	52.49 4.02 -0.10	47.08 3.52 -0.09	41.73 3.27 0.00	37.77 2.77 0.00	35.70 2.80 0.00
JANIS__SOLAR 323808	31.09 1.65 0.00	28.54 1.51 0.00	26.46 1.35 0.00	24.88 1.21 0.00	24.94 1.28 0.00	26.41 1.38 0.00	29.46 1.56 0.00	31.18 1.71 0.00	32.57 1.58 0.00	35.15 1.54 -0.13	37.09 1.56 0.00	38.42 1.90 0.00	41.31 2.15 0.00	44.92 2.66 0.00	46.81 2.78 0.00	52.03 3.17 0.00	58.51 3.88 0.00	64.31 4.66 0.00	61.71 4.78 0.00	52.49 4.06 -0.04	47.52 3.78 -0.27	41.46 3.00 0.00	37.59 2.49 -0.11	34.91 2.01 0.00
JARVIS____ 23743	29.65 0.21 0.00	27.22 0.19 0.00	25.28 0.18 0.00	23.84 0.17 0.00	23.83 0.17 0.00	25.21 0.18 0.00	28.09 0.20 0.00	29.68 0.21 0.00	31.21 0.22 0.00	33.68 0.20 0.00	35.75 0.21 0.00	36.82 0.29 0.00	39.47 0.31 0.00	42.55 0.30 0.00	44.38 0.35 0.00	49.29 0.44 0.00	55.12 0.49 0.00	60.19 0.54 0.00	57.50 0.57 0.00	48.86 0.48 0.00	43.90 0.43 0.00	38.88 0.42 0.00	35.28 0.28 0.00	33.17 0.26 0.00
JENNISON__1 23625	31.24 1.80 0.00	28.54 1.51 0.00	26.51 1.41 0.00	25.00 1.33 0.00	24.99 1.33 0.00	26.53 1.50 0.00	29.57 1.67 0.00	31.36 1.89 0.00	32.91 1.92 0.00	35.55 1.98 -0.09	37.63 2.10 0.00	39.01 2.48 0.00	41.90 2.74 0.00	45.55 3.30 0.00	47.51 3.48 0.00	52.86 4.01 0.00	59.28 4.64 0.00	64.73 5.07 0.00	62.05 5.12 0.00	52.71 4.26 -0.07	47.61 3.91 -0.23	41.50 3.04 0.00	37.60 2.52 -0.07	35.04 2.14 0.00
JENNISON__2 23626	31.24 1.80 0.00	28.54 1.51 0.00	26.51 1.41 0.00	25.00 1.33 0.00	24.99 1.33 0.00	26.53 1.50 0.00	29.57 1.67 0.00	31.36 1.89 0.00	32.91 1.92 0.00	35.55 1.98 -0.09	37.63 2.10 0.00	39.01 2.48 0.00	41.90 2.74 0.00	45.55 3.30 0.00	47.51 3.48 0.00	52.86 4.01 0.00	59.28 4.64 0.00	64.73 5.07 0.00	62.05 5.12 0.00	52.71 4.26 -0.07	47.61 3.91 -0.23	41.50 3.04 0.00	37.60 2.52 -0.07	35.04 2.14 0.00
JERICHO_RISE_WT_PWR 323719	29.44 0.00 0.00	27.00 -0.03 0.00	25.03 -0.08 0.00	23.55 -0.12 0.00	23.57 -0.09 0.00	24.98 -0.05 0.00	27.95 0.06 0.00	29.56 0.09 0.00	31.08 0.09 0.00	33.65 0.17 0.00	35.81 0.28 0.00	36.64 0.11 0.00	39.24 0.08 0.00	42.38 0.13 0.00	44.21 0.18 0.00	48.07 -0.78 0.00	53.32 -1.31 0.00	58.23 -1.43 0.00	55.56 -1.37 0.00	47.02 -1.35 0.00	42.60 -0.87 0.00	37.31 -1.15 0.00	34.09 -0.91 0.00	31.82 -1.09 0.00
KATONAH__115KV_46KV_TB4 355592	31.50 2.06 0.00	28.76 1.73 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.48 1.45 0.00	29.68 1.79 0.00	31.51 2.03 0.00	33.19 2.20 0.00	35.93 2.44 0.00	38.02 2.49 0.00	39.34 2.81 0.00	42.17 3.02 0.00	45.34 3.08 0.00	47.29 3.26 0.00	52.71 3.86 0.00	58.95 4.32 0.00	64.19 4.53 0.00	61.03 4.10 0.00	52.05 3.58 -0.09	46.65 3.09 -0.09	41.30 2.85 0.00	37.35 2.35 0.00	35.21 2.30 0.00
KCE_NY_1 323755	31.53 2.09 0.00	28.95 1.92 0.00	26.83 1.73 0.00	25.28 1.61 0.00	25.27 1.61 0.00	26.78 1.75 0.00	29.82 1.92 0.00	31.48 2.01 0.00	33.06 2.08 0.00	35.73 2.24 0.00	37.66 2.13 0.00	38.90 2.37 0.00	41.74 2.58 0.00	44.92 2.66 0.00	46.94 2.91 0.00	52.22 3.37 0.00	58.62 3.99 0.00	64.43 4.77 0.00	61.94 5.01 0.00	53.69 4.36 -0.95	48.39 3.96 -0.97	41.88 3.42 0.00	37.66 2.66 0.00	35.34 2.43 0.00
KCE_NY_6_ESR 323823	29.50 0.06 0.00	27.46 0.43 0.00	25.50 0.40 0.00	23.91 0.24 0.00	24.11 0.45 0.00	25.46 0.43 0.00	27.92 0.03 0.00	29.51 0.03 0.00	31.33 0.34 0.00	33.75 0.27 0.00	36.31 0.78 0.00	37.95 1.42 0.00	40.96 1.80 0.00	45.25 3.00 0.00	46.45 2.42 0.00	51.49 2.64 0.00	58.13 3.50 0.00	63.59 3.94 0.00	60.74 3.81 0.00	50.89 2.51 0.00	45.51 2.04 0.00	40.00 1.54 0.00	36.51 1.50 0.00	34.09 1.18 0.00
KEDC_PORT_JEFF_GT2 24210	35.22 2.56 -3.22	32.39 2.30 -3.06	28.67 2.13 -1.44	25.71 2.04 0.00	26.84 1.94 -1.23	28.63 2.18 -1.42	31.38 2.51 -0.97	34.57 2.56 -2.53	36.57 2.88 -2.70	36.62 3.11 -0.02	38.48 2.95 0.00	39.71 3.18 0.00	42.10 2.94 0.00	45.51 3.25 0.00	47.34 3.30 0.00	52.13 3.27 0.00	58.46 3.82 0.00	63.48 3.82 0.00	60.17 3.24 0.00	51.27 2.80 -0.09	46.48 2.91 -0.10	41.15 2.69 0.00	36.67 1.68 0.01	35.24 2.34 0.00
KEDC_PORT_JEFF_GT3 24211	35.22 2.56 -3.22	32.39 2.30 -3.06	28.67 2.13 -1.44	25.71 2.04 0.00	26.84 1.94 -1.23	28.63 2.18 -1.42	31.38 2.51 -0.97	34.57 2.56 -2.53	36.57 2.88 -2.70	36.62 3.11 -0.02	38.48 2.95 0.00	39.71 3.18 0.00	42.10 2.94 0.00	45.51 3.25 0.00	47.34 3.30 0.00	52.13 3.27 0.00	58.46 3.82 0.00	63.48 3.82 0.00	60.17 3.24 0.00	51.27 2.80 -0.09	46.48 2.91 -0.10	41.15 2.69 0.00	36.67 1.68 0.01	35.24 2.34 0.00
KEDC_GLWD_GT4 24219	35.25 2.59 -3.22	32.39 2.30 -3.06	28.65 2.11 -1.44	25.64 1.96 0.00	26.81 1.92 -1.23	28.56 2.10 -1.42	31.32 2.46 -0.97	34.63 2.62 -2.53	36.57 2.88 -2.70	36.65 3.15 -0.02	38.59 3.06 0.00	39.96 3.43 0.00	42.25 3.09 0.00	45.59 3.34 0.00	47.51 3.48 0.00	52.76 3.91 0.00	59.01 4.37 0.00	64.07 4.41 0.00	60.80 3.87 0.00	51.80 3.34 -0.09	46.52 2.96 -0.09	41.26 2.81 0.00	37.31 2.31 0.00	35.57 2.66 0.00
KEDC_GLWD_GT5 24220	35.25 2.59 -3.22	32.39 2.30 -3.06	28.65 2.11 -1.44	25.64 1.96 0.00	26.81 1.92 -1.23	28.56 2.10 -1.42	31.32 2.46 -0.97	34.63 2.62 -2.53	36.57 2.88 -2.70	36.65 3.15 -0.02	38.59 3.06 0.00	39.96 3.43 0.00	42.25 3.09 0.00	45.59 3.34 0.00	47.51 3.48 0.00	52.76 3.91 0.00	59.01 4.37 0.00	64.07 4.41 0.00	60.80 3.87 0.00	51.80 3.34 -0.09	46.52 2.96 -0.09	41.26 2.81 0.00	37.31 2.31 0.00	35.57 2.66 0.00

KENSICO____ 23655	31.30 1.85 0.00	28.60 1.57 0.00	26.51 1.41 0.00	24.97 1.30 0.00	24.92 1.25 0.00	26.38 1.35 0.00	29.51 1.62 0.00	31.36 1.89 0.00	33.06 2.08 0.00	35.76 2.28 0.00	37.77 2.24 0.00	38.97 2.45 0.00	41.70 2.55 0.00	44.83 2.58 0.00	46.72 2.69 0.00	52.08 3.22 0.00	58.18 3.55 0.00	63.36 3.70 0.00	60.17 3.24 0.00	51.42 2.95 -0.09	46.13 2.56 -0.09	40.88 2.42 0.00	37.07 2.07 0.00	35.01 2.11 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.15 1.71 0.00	28.43 1.41 0.00	26.38 1.28 0.00	24.85 1.18 0.00	24.80 1.14 0.00	26.21 1.18 0.00	29.29 1.39 0.00	30.98 1.50 0.00	32.72 1.74 0.00	35.39 1.91 0.00	37.42 1.88 0.00	38.42 1.90 0.00	41.27 2.11 0.00	44.41 2.15 0.00	46.32 2.29 0.00	51.69 2.83 0.00	57.86 3.22 0.00	63.18 3.52 0.00	60.17 3.24 0.00	51.35 2.85 -0.12	46.02 2.43 -0.12	40.69 2.23 0.00	36.86 1.86 0.00	34.78 1.88 0.00
KIAC_JFK_GT1 23816	31.65 2.21 0.00	28.84 1.81 0.00	26.68 1.58 0.00	25.12 1.44 0.00	25.04 1.37 0.00	26.56 1.53 0.00	29.85 1.95 0.00	31.66 2.18 0.00	33.47 2.48 0.00	36.16 2.68 0.00	38.23 2.70 0.00	39.45 2.92 0.00	42.21 3.05 0.00	45.34 3.08 0.00	47.20 3.17 0.00	52.72 3.86 -0.01	58.74 4.10 -0.01	63.84 4.18 -0.01	60.64 3.70 -0.01	51.96 3.48 -0.10	46.60 3.04 -0.09	41.30 2.85 0.00	37.42 2.42 0.00	35.34 2.43 0.00
KIAC_JFK_GT2 23817	31.65 2.21 0.00	28.84 1.81 0.00	26.68 1.58 0.00	25.12 1.44 0.00	25.04 1.37 0.00	26.56 1.53 0.00	29.85 1.95 0.00	31.66 2.18 0.00	33.47 2.48 0.00	36.16 2.68 0.00	38.23 2.70 0.00	39.45 2.92 0.00	42.21 3.05 0.00	45.34 3.08 0.00	47.20 3.17 0.00	52.72 3.86 -0.01	58.74 4.10 -0.01	63.84 4.18 -0.01	60.64 3.70 -0.01	51.96 3.48 -0.10	46.60 3.04 -0.09	41.30 2.85 0.00	37.42 2.42 0.00	35.34 2.43 0.00
KIAC_JFK____ 323774	31.68 2.24 0.00	28.95 1.92 0.00	26.81 1.71 0.00	25.23 1.56 0.00	25.18 1.52 0.00	26.76 1.73 0.00	30.04 2.15 0.00	31.69 2.21 0.00	33.47 2.48 0.00	36.16 2.68 0.00	38.23 2.70 0.00	39.45 2.92 0.00	42.22 3.06 0.00	45.34 3.08 0.00	47.20 3.17 0.00	52.72 3.86 -0.01	58.74 4.10 -0.01	63.84 4.17 -0.01	60.69 3.76 -0.01	51.96 3.49 -0.10	46.60 3.04 -0.09	41.38 2.92 0.00	37.28 2.27 0.00	35.31 2.40 0.00
KINTIGH____ 23543	28.91 -0.53 0.00	26.43 -0.59 0.00	24.78 -0.33 0.00	23.43 -0.24 0.00	23.54 -0.12 0.00	24.93 -0.10 0.00	27.37 -0.53 0.00	28.83 -0.65 0.00	30.55 -0.43 0.00	32.95 -0.54 0.00	35.35 -0.18 0.00	36.85 0.33 0.00	39.63 0.47 0.00	43.65 1.39 0.00	44.96 0.92 0.00	49.78 0.93 0.00	56.05 1.42 0.00	60.85 1.19 0.00	58.75 1.82 0.00	49.30 0.92 0.00	44.12 0.65 0.00	38.54 0.08 0.00	35.11 0.11 0.00	33.14 0.23 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.21 0.77 0.00	27.70 0.68 0.00	25.63 0.53 0.00	24.12 0.45 0.00	24.16 0.50 0.00	25.63 0.60 0.00	28.76 0.86 0.00	30.42 0.94 0.00	31.95 0.96 0.00	34.59 1.10 0.00	36.92 1.39 0.00	37.84 1.31 0.00	40.53 1.37 0.00	43.86 1.61 0.00	45.75 1.72 0.00	49.05 0.20 0.00	54.25 -0.38 0.00	59.30 -0.36 0.00	56.64 -0.28 0.00	47.80 -0.58 0.00	43.56 0.09 0.00	38.23 -0.23 0.00	34.58 -0.42 0.00	32.15 -0.76 0.00
LACHUTE__HYDRO 323717	33.12 3.68 0.00	30.49 3.46 0.00	28.11 3.01 0.00	26.44 2.77 0.00	26.45 2.79 0.00	28.11 3.08 0.00	31.27 3.37 0.00	33.04 3.57 0.00	34.67 3.69 0.00	37.53 4.05 0.00	39.30 3.76 0.00	40.76 4.23 0.00	43.78 4.62 0.00	47.07 4.82 0.00	49.36 5.33 0.00	54.81 5.96 0.00	61.52 6.88 0.00	68.30 8.65 0.00	66.26 9.34 0.00	57.54 8.18 -0.98	51.99 7.52 -1.00	44.77 6.31 0.00	39.87 4.86 0.00	37.18 4.28 0.00
LAWRNCALV_115KV_TB1 80681	28.68 -0.77 0.00	26.33 -0.70 0.00	24.42 -0.68 0.00	23.01 -0.66 0.00	23.00 -0.66 0.00	24.38 -0.65 0.00	27.14 -0.75 0.00	28.71 -0.77 0.00	30.12 -0.87 0.00	32.52 -1.00 -0.04	34.54 -0.99 0.00	35.32 -1.21 0.00	37.71 -1.45 0.00	40.73 -1.52 0.00	42.49 -1.54 0.00	46.80 -2.05 0.00	51.52 -3.11 0.00	56.38 -3.28 0.00	53.74 -3.19 0.00	45.67 -2.71 0.00	41.28 -2.26 -0.07	36.92 -1.54 0.00	33.67 -1.37 -0.03	31.56 -1.35 0.00
LEDERLE____ 23769	31.12 1.68 0.00	28.49 1.46 0.00	26.41 1.31 0.00	24.90 1.23 0.00	24.85 1.18 0.00	26.31 1.28 0.00	29.37 1.48 0.00	31.16 1.68 0.00	32.85 1.86 0.00	35.52 2.04 0.00	37.56 2.03 0.00	38.68 2.15 0.00	41.47 2.31 0.00	44.62 2.37 0.00	46.50 2.47 0.00	51.88 3.03 0.00	57.91 3.28 0.00	63.12 3.46 0.00	60.00 3.07 0.00	51.22 2.76 -0.09	45.95 2.39 -0.09	40.73 2.27 0.00	36.86 1.86 0.00	34.81 1.91 0.00
LIGHTHSE_115KV_TB6 355974	29.21 -0.24 0.00	26.84 -0.19 0.00	24.93 -0.18 0.00	23.51 -0.17 0.00	23.52 -0.14 0.00	24.91 -0.13 0.00	27.76 -0.14 0.00	29.27 -0.21 0.00	30.65 -0.34 0.00	33.44 -0.40 -0.36	35.11 -0.43 0.00	36.27 -0.26 0.00	38.85 -0.31 0.00	42.08 -0.17 0.00	43.81 -0.22 0.00	48.66 -0.20 0.00	54.36 -0.27 0.00	59.42 -0.24 0.00	56.93 0.00 0.00	48.43 0.05 0.00	44.22 0.13 -0.62	38.31 -0.15 0.00	35.16 -0.14 -0.29	32.74 -0.16 0.00
LINDEN COGEN____ 23786	31.41 1.97 0.00	28.76 1.73 0.00	26.66 1.56 0.00	25.12 1.44 0.00	25.06 1.40 0.00	26.58 1.55 0.00	29.79 1.90 0.00	31.54 2.06 0.00	33.22 2.23 0.00	35.92 2.44 0.00	37.91 2.38 0.00	39.08 2.56 0.00	41.78 2.62 0.00	44.83 2.58 0.00	46.72 2.69 0.00	52.18 3.32 0.00	58.13 3.50 0.00	63.12 3.46 0.00	60.00 3.07 0.00	51.37 2.90 -0.09	46.08 2.52 -0.09	41.00 2.54 0.00	37.07 2.06 0.00	35.14 2.24 0.00
LINDHRST_69_KV_BK1 356055	35.43 2.77 -3.22	32.50 2.41 -3.06	28.70 2.16 -1.44	25.68 2.01 0.00	26.88 1.99 -1.23	28.58 2.13 -1.42	31.35 2.48 -0.97	34.81 2.80 -2.53	36.79 3.10 -2.70	36.85 3.35 -0.02	38.66 3.13 0.00	40.07 3.54 -0.01	42.65 3.49 -0.01	46.06 3.80 -0.01	47.91 3.87 -0.01	53.10 4.25 0.00	59.44 4.81 0.00	64.61 4.95 0.00	61.25 4.33 0.00	52.24 3.77 -0.09	47.09 3.52 -0.10	41.69 3.23 -0.01	37.45 2.45 0.01	35.83 2.93 0.00
LIPA_MISC_IPP 23656	34.96 2.30 -3.22	32.12 2.03 -3.06	28.37 1.83 -1.44	25.42 1.75 0.00	26.55 1.66 -1.23	28.31 1.85 -1.42	31.04 2.18 -0.97	34.31 2.30 -2.53	36.32 2.63 -2.70	36.35 2.85 -0.02	38.27 2.74 0.00	39.56 3.03 0.00	42.02 2.86 0.00	45.43 3.17 0.00	47.25 3.21 0.00	52.32 3.47 0.00	58.68 4.04 0.00	63.83 4.18 0.00	60.46 3.53 0.00	51.52 3.05 -0.09	46.43 2.87 -0.10	41.08 2.62 0.00	36.67 1.68 0.01	35.27 2.37 0.00
LISF__SOLAR 323691	35.08 2.41 -3.22	32.28 2.19 -3.06	28.55 2.01 -1.44	25.61 1.94 0.00	26.74 1.85 -1.23	28.53 2.08 -1.42	31.29 2.43 -0.97	34.39 2.39 -2.53	36.42 2.73 -2.70	36.42 2.91 -0.02	38.34 2.81 0.00	39.63 3.10 0.00	42.10 2.94 0.00	45.51 3.25 0.00	47.34 3.30 0.00	52.47 3.62 0.00	58.90 4.26 0.00	64.01 4.35 0.00	60.68 3.76 0.00	51.71 3.24 -0.09	46.56 3.00 -0.10	41.19 2.73 0.00	36.60 1.61 0.01	35.14 2.24 0.00

LITTLE FALLS___HYD 24013	29.94 0.50 0.00	27.46 0.43 0.00	25.50 0.40 0.00	24.05 0.38 0.00	24.02 0.35 0.00	25.43 0.40 0.00	28.37 0.47 0.00	29.98 0.50 0.00	31.54 0.56 0.00	34.08 0.60 0.00	36.14 0.60 0.00	37.18 0.66 0.00	39.90 0.74 0.00	43.06 0.80 0.00	44.83 0.79 0.00	49.83 0.98 0.00	55.78 1.15 0.00	60.91 1.25 0.00	58.12 1.20 0.00	49.39 1.02 0.00	44.34 0.87 0.00	39.23 0.77 0.00	35.60 0.60 0.00	33.46 0.56 0.00
LITTLRIV_115KV_TB1 356100	29.00 -0.44 0.00	26.60 -0.43 0.00	24.65 -0.45 0.00	23.25 -0.43 0.00	23.26 -0.40 0.00	24.65 -0.38 0.00	27.48 -0.42 0.00	29.03 -0.44 0.00	30.43 -0.56 0.00	32.86 -0.67 -0.05	34.86 -0.68 0.00	35.61 -0.91 0.00	38.06 -1.10 0.00	41.16 -1.10 0.00	42.98 -1.06 0.00	47.29 -1.56 0.00	52.12 -2.51 0.00	57.03 -2.62 0.00	54.48 -2.45 0.00	46.35 -2.03 0.00	41.94 -1.61 -0.08	37.42 -1.04 0.00	34.06 -0.98 -0.04	31.89 -1.02 0.00
LI_NEWBRDGE___DRP 323616	34.87 2.21 -3.22	31.98 1.89 -3.06	28.25 1.71 -1.44	25.26 1.59 0.00	26.43 1.54 -1.23	28.11 1.65 -1.42	30.82 1.95 -0.97	34.25 2.24 -2.53	36.14 2.45 -2.70	36.18 2.68 -0.02	37.95 2.42 0.00	39.26 2.74 0.00	41.82 2.66 0.00	45.08 2.83 0.00	46.98 2.95 0.00	52.13 3.27 0.00	58.35 3.72 0.00	63.42 3.76 0.00	60.12 3.19 0.00	51.27 2.81 -0.09	46.13 2.56 -0.09	40.92 2.46 0.00	36.88 1.89 0.01	35.18 2.27 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.00 -0.44 0.00	26.43 -0.59 0.00	24.83 -0.28 0.00	23.51 -0.17 0.00	23.64 -0.02 0.00	25.06 0.03 0.00	27.37 -0.53 0.00	28.86 -0.62 0.00	30.65 -0.34 0.00	33.01 -0.47 0.00	35.43 -0.11 0.00	37.04 0.51 0.00	39.94 0.78 0.00	44.11 1.86 0.00	45.31 1.28 0.00	50.12 1.27 0.00	56.55 1.91 0.00	61.21 1.55 0.00	59.26 2.33 0.00	49.64 1.26 0.00	44.43 0.96 0.00	38.65 0.19 0.00	35.35 0.35 0.00	33.56 0.66 0.00
LOCKPORT___CC1 323769	28.88 -0.56 0.00	26.92 -0.11 0.00	25.03 -0.08 0.00	23.46 -0.21 0.00	23.69 0.02 0.00	24.98 -0.05 0.00	27.34 -0.56 0.00	28.74 -0.74 0.00	30.55 -0.43 0.00	32.91 -0.57 0.00	35.29 -0.25 0.00	36.89 0.37 0.00	39.82 0.67 0.00	43.95 1.69 0.00	45.09 1.06 0.00	49.88 1.03 0.00	56.33 1.70 0.00	61.69 2.03 0.00	58.97 2.05 0.00	49.44 1.06 0.00	44.21 0.74 0.00	39.04 0.58 0.00	35.81 0.81 0.00	33.66 0.76 0.00
LOCKPORT___CC2 323770	28.88 -0.56 0.00	26.92 -0.11 0.00	25.03 -0.08 0.00	23.46 -0.21 0.00	23.69 0.02 0.00	24.98 -0.05 0.00	27.34 -0.56 0.00	28.74 -0.74 0.00	30.55 -0.43 0.00	32.91 -0.57 0.00	35.29 -0.25 0.00	36.89 0.37 0.00	39.82 0.67 0.00	43.95 1.69 0.00	45.09 1.06 0.00	49.88 1.03 0.00	56.33 1.70 0.00	61.69 2.03 0.00	58.97 2.05 0.00	49.44 1.06 0.00	44.21 0.74 0.00	39.04 0.58 0.00	35.81 0.81 0.00	33.66 0.76 0.00
LOCKPORT___CC3 323771	28.88 -0.56 0.00	26.92 -0.11 0.00	25.03 -0.08 0.00	23.46 -0.21 0.00	23.69 0.02 0.00	24.98 -0.05 0.00	27.34 -0.56 0.00	28.74 -0.74 0.00	30.55 -0.43 0.00	32.91 -0.57 0.00	35.29 -0.25 0.00	36.89 0.37 0.00	39.82 0.67 0.00	43.95 1.69 0.00	45.09 1.06 0.00	49.88 1.03 0.00	56.33 1.70 0.00	61.69 2.03 0.00	58.97 2.05 0.00	49.44 1.06 0.00	44.21 0.74 0.00	39.04 0.58 0.00	35.81 0.81 0.00	33.66 0.76 0.00
LONG_LAKE_PHOENIX 24014	29.12 -0.32 0.00	26.81 -0.22 0.00	24.93 -0.18 0.00	23.51 -0.17 0.00	23.52 -0.14 0.00	24.86 -0.18 0.00	27.67 -0.22 0.00	29.21 -0.27 0.00	30.68 -0.31 0.00	33.65 -0.33 -0.51	35.21 -0.32 0.00	36.38 -0.15 0.00	39.00 -0.16 0.00	42.25 0.00 0.00	43.99 -0.04 0.00	48.80 -0.05 0.00	54.69 0.05 0.00	59.72 0.06 0.00	57.04 0.11 0.00	48.43 0.05 0.00	44.39 0.04 -0.88	38.27 -0.19 0.00	35.24 -0.18 -0.41	32.68 -0.23 0.00
LOVETT___3 23632	30.94 1.50 0.00	28.35 1.32 0.00	26.28 1.18 0.00	24.78 1.11 0.00	24.73 1.06 0.00	26.18 1.15 0.00	29.23 1.34 0.00	30.98 1.50 0.00	32.66 1.67 0.00	35.29 1.81 0.00	37.31 1.78 0.00	38.46 1.94 0.00	41.20 2.04 0.00	44.28 2.03 0.00	46.19 2.16 0.00	51.49 2.64 0.00	57.53 2.90 0.00	62.64 2.98 0.00	59.55 2.62 0.00	50.88 2.42 -0.09	45.64 2.09 -0.09	40.46 2.00 0.00	36.65 1.65 0.00	34.62 1.71 0.00
LOVETT___4 23642	30.94 1.50 0.00	28.35 1.32 0.00	26.28 1.18 0.00	24.78 1.11 0.00	24.73 1.06 0.00	26.18 1.15 0.00	29.23 1.34 0.00	30.98 1.50 0.00	32.66 1.67 0.00	35.29 1.81 0.00	37.31 1.78 0.00	38.46 1.94 0.00	41.20 2.04 0.00	44.28 2.03 0.00	46.19 2.16 0.00	51.49 2.64 0.00	57.53 2.90 0.00	62.64 2.98 0.00	59.55 2.62 0.00	50.88 2.42 -0.09	45.64 2.09 -0.09	40.46 2.00 0.00	36.65 1.65 0.00	34.62 1.71 0.00
LOVETT___5 23593	30.94 1.50 0.00	28.35 1.32 0.00	26.28 1.18 0.00	24.78 1.11 0.00	24.73 1.06 0.00	26.18 1.15 0.00	29.23 1.34 0.00	30.98 1.50 0.00	32.66 1.67 0.00	35.29 1.81 0.00	37.31 1.78 0.00	38.46 1.94 0.00	41.20 2.04 0.00	44.28 2.03 0.00	46.19 2.16 0.00	51.49 2.64 0.00	57.53 2.90 0.00	62.64 2.98 0.00	59.55 2.62 0.00	50.88 2.42 -0.09	45.64 2.09 -0.09	40.46 2.00 0.00	36.65 1.65 0.00	34.62 1.71 0.00
LOWER RAQUET___HYD 24057	28.56 -0.88 0.00	26.22 -0.81 0.00	24.30 -0.80 0.00	22.91 -0.76 0.00	22.90 -0.76 0.00	24.28 -0.75 0.00	27.03 -0.86 0.00	28.56 -0.91 0.00	29.96 -1.02 0.00	32.39 -1.14 -0.05	34.36 -1.17 0.00	35.14 -1.39 0.00	37.52 -1.64 0.00	40.56 -1.69 0.00	42.31 -1.72 0.00	46.56 -2.30 0.00	51.30 -3.33 0.00	56.08 -3.58 0.00	53.57 -3.36 0.00	45.52 -2.85 0.00	41.16 -2.39 -0.08	36.07 -2.38 0.00	33.50 -1.54 -0.04	31.36 -1.55 0.00
LOWER___HUDSON 24059	30.83 1.38 0.00	28.27 1.24 0.00	26.28 1.18 0.00	24.76 1.09 0.00	24.75 1.09 0.00	26.21 1.18 0.00	29.21 1.31 0.00	30.80 1.33 0.00	32.32 1.33 0.00	34.89 1.41 0.00	36.95 1.42 0.00	38.06 1.53 0.00	40.80 1.64 0.00	43.90 1.65 0.00	45.84 1.81 0.00	50.95 2.10 0.00	57.26 2.62 0.00	62.70 3.04 0.00	59.94 3.02 0.00	51.92 2.71 -0.84	46.71 2.39 -0.85	40.65 2.19 0.00	36.68 1.68 0.00	34.52 1.61 0.00
LOWVILLE_115KV_TB2 356335	29.74 0.29 0.00	27.24 0.22 0.00	25.28 0.18 0.00	23.84 0.17 0.00	23.83 0.17 0.00	25.26 0.23 0.00	28.20 0.31 0.00	29.80 0.32 0.00	31.20 0.22 0.00	33.72 0.13 -0.11	35.64 0.11 0.00	36.78 0.26 0.00	39.43 0.27 0.00	42.68 0.42 0.00	44.47 0.44 0.00	49.39 0.54 0.00	55.18 0.55 0.00	60.37 0.72 0.00	57.90 0.97 0.00	49.39 1.02 0.00	44.70 1.04 -0.19	39.15 0.69 0.00	35.54 0.46 -0.09	33.14 0.23 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.50 2.06 0.00	28.89 1.86 0.00	26.73 1.63 0.00	25.19 1.51 0.00	25.18 1.51 0.00	26.68 1.65 0.00	29.71 1.81 0.00	31.39 1.92 0.00	33.03 2.05 0.00	35.69 2.21 0.00	37.66 2.13 0.00	38.86 2.34 0.00	41.70 2.55 0.00	44.87 2.62 0.00	46.89 2.86 0.00	52.17 3.32 0.00	58.57 3.93 0.00	64.37 4.71 0.00	61.82 4.90 0.00	53.64 4.31 -0.95	48.35 3.91 -0.97	41.77 3.31 0.00	37.66 2.66 0.00	35.31 2.40 0.00

LUTHERNY_35_KV_BK2 355980	31.53 2.09 0.00	28.89 1.86 0.00	26.76 1.66 0.00	25.21 1.54 0.00	25.20 1.54 0.00	26.68 1.65 0.00	29.74 1.84 0.00	31.42 1.95 0.00	33.06 2.08 0.00	35.72 2.24 0.00	37.66 2.13 0.00	38.90 2.37 0.00	41.74 2.58 0.00	44.92 2.66 0.00	46.94 2.91 0.00	52.22 3.37 0.00	58.62 3.99 0.00	64.49 4.83 0.00	61.94 5.01 0.00	53.69 4.35 -0.95	48.39 3.96 -0.97	41.80 3.35 0.00	37.70 2.70 0.00	35.34 2.43 0.00
LWR___OSWEGATCHIE_HYD 23850	28.94 -0.50 0.00	26.51 -0.51 0.00	24.60 -0.50 0.00	23.20 -0.47 0.00	23.19 -0.47 0.00	24.58 -0.45 0.00	27.42 -0.47 0.00	28.97 -0.50 0.00	30.37 -0.62 0.00	32.81 -0.77 -0.09	34.71 -0.82 0.00	35.69 -0.84 0.00	38.18 -0.98 0.00	41.28 -0.97 0.00	43.06 -0.97 0.00	47.63 -1.22 0.00	52.89 -1.75 0.00	57.81 -1.85 0.00	55.33 -1.59 0.00	47.17 -1.21 0.00	42.72 -0.91 -0.16	37.73 -0.73 0.00	34.27 -0.81 -0.08	32.02 -0.89 0.00
LYONS_FALL_HYD 23570	29.97 0.53 0.00	27.46 0.43 0.00	25.48 0.38 0.00	24.03 0.36 0.00	24.02 0.36 0.00	25.46 0.43 0.00	28.40 0.50 0.00	30.03 0.56 0.00	31.51 0.53 0.00	34.03 0.47 -0.08	35.99 0.46 0.00	37.18 0.66 0.00	39.90 0.74 0.00	43.14 0.89 0.00	45.05 1.01 0.00	50.02 1.17 0.00	55.89 1.26 0.00	61.15 1.49 0.00	58.52 1.59 0.00	49.83 1.45 0.00	45.04 1.43 -0.14	39.50 1.04 0.00	35.83 0.77 -0.06	33.50 0.59 0.00
MADISON___COUNTY_LFGE 323628	30.47 1.03 0.00	27.89 0.86 0.00	25.91 0.80 0.00	24.43 0.76 0.00	24.42 0.76 0.00	25.88 0.85 0.00	28.84 0.95 0.00	30.51 1.03 0.00	32.04 1.05 0.00	34.67 1.10 -0.08	36.67 1.14 0.00	37.95 1.42 0.00	40.77 1.61 0.00	44.16 1.90 0.00	46.10 2.07 0.00	51.25 2.39 0.00	57.37 2.73 0.00	62.64 2.98 0.00	59.95 3.02 0.00	50.94 2.56 0.00	45.96 2.35 -0.14	40.27 1.81 0.00	36.54 1.47 -0.07	34.16 1.25 0.00
MALONE___115KV_TB1 356076	29.47 0.03 0.00	27.03 0.00 0.00	25.05 -0.05 0.00	23.58 -0.09 0.00	23.59 -0.07 0.00	25.03 0.00 0.00	28.01 0.11 0.00	29.65 0.18 0.00	31.17 0.19 0.00	33.68 0.20 0.00	35.89 0.36 0.00	36.74 0.22 0.00	39.32 0.16 0.00	42.51 0.25 0.00	44.34 0.31 0.00	48.32 -0.54 0.00	53.54 -1.09 0.00	58.58 -1.07 0.00	55.90 -1.02 0.00	47.31 -1.06 0.00	42.82 -0.65 0.00	37.81 -0.65 0.00	34.30 -0.70 0.00	32.02 -0.89 0.00
MAPLEWOD_115KV_TB3 80458	30.59 1.15 0.00	28.03 1.00 0.00	26.01 0.90 0.00	24.52 0.85 0.00	24.49 0.83 0.00	25.91 0.88 0.00	28.84 0.95 0.00	30.51 1.03 0.00	32.07 1.08 0.00	34.62 1.14 0.00	36.70 1.17 0.00	37.80 1.28 0.00	40.53 1.37 0.00	43.65 1.39 0.00	45.57 1.54 0.00	50.66 1.81 0.00	56.87 2.24 0.00	62.28 2.62 0.00	59.43 2.50 0.00	51.33 2.27 -0.68	46.11 1.96 -0.69	40.23 1.77 0.00	36.40 1.40 0.00	34.25 1.35 0.00
MAPLE_RIDGE_WT_1 323574	28.91 -0.53 0.00	26.49 -0.54 0.00	24.57 -0.53 0.00	23.15 -0.52 0.00	23.14 -0.52 0.00	24.50 -0.53 0.00	27.34 -0.56 0.00	28.95 -0.53 0.00	30.49 -0.50 0.00	33.01 -0.47 0.00	35.11 -0.42 0.00	35.94 -0.59 0.00	38.46 -0.70 0.00	41.45 -0.80 0.00	43.15 -0.88 0.00	47.68 -1.17 0.00	53.21 -1.42 0.00	58.11 -1.55 0.00	55.39 -1.53 0.00	46.93 -1.45 0.00	42.17 -1.30 0.00	37.15 -1.31 0.00	33.92 -1.09 0.00	31.82 -1.09 0.00
MAPLE_RIDGE_WT_2 323611	28.91 -0.53 0.00	26.49 -0.54 0.00	24.57 -0.53 0.00	23.15 -0.52 0.00	23.14 -0.52 0.00	24.50 -0.53 0.00	27.34 -0.56 0.00	28.95 -0.53 0.00	30.49 -0.50 0.00	33.01 -0.47 0.00	35.11 -0.42 0.00	35.94 -0.59 0.00	38.46 -0.70 0.00	41.45 -0.80 0.00	43.15 -0.88 0.00	47.68 -1.17 0.00	53.21 -1.42 0.00	58.11 -1.55 0.00	55.39 -1.53 0.00	46.93 -1.45 0.00	42.17 -1.30 0.00	37.15 -1.31 0.00	33.92 -1.09 0.00	31.82 -1.09 0.00
MARBLE_RIVER_WT_PWR 323696	29.68 0.23 0.00	27.22 0.19 0.00	25.20 0.10 0.00	23.74 0.07 0.00	23.76 0.10 0.00	25.18 0.15 0.00	28.17 0.28 0.00	29.80 0.32 0.00	31.33 0.34 0.00	33.92 0.43 0.00	36.14 0.60 0.00	37.00 0.47 0.00	39.63 0.47 0.00	42.80 0.55 0.00	44.65 0.62 0.00	48.36 -0.49 0.00	53.59 -1.04 0.00	58.46 -1.19 0.00	55.84 -1.08 0.00	47.22 -1.16 0.00	42.86 -0.61 0.00	37.50 -0.96 0.00	34.23 -0.77 0.00	31.92 -0.99 0.00
MARSHVLE_115KV_TB1 80742	32.12 2.68 0.00	29.41 2.38 0.00	27.21 2.11 0.00	25.64 1.96 0.00	25.67 2.01 0.00	27.26 2.23 0.00	30.24 2.34 0.00	31.63 2.15 0.00	32.97 1.98 0.00	35.49 2.01 0.00	37.49 1.95 0.00	38.72 2.19 0.00	41.55 2.39 0.00	44.92 2.66 0.00	46.72 2.69 0.00	51.93 3.08 0.00	58.29 3.66 0.00	65.09 5.43 0.00	63.30 6.38 0.00	55.15 5.90 -0.87	49.70 5.35 -0.88	43.00 4.54 0.00	38.61 3.61 0.00	36.00 3.09 0.00
MARSH_HILL_WT_PWR 323713	29.94 0.50 0.00	27.89 0.86 0.00	25.88 0.78 0.00	24.29 0.61 0.00	24.44 0.78 0.00	25.88 0.85 0.00	28.59 0.70 0.00	30.33 0.86 0.00	31.95 0.96 -0.06	34.54 1.00 0.00	36.74 1.21 0.00	38.28 1.75 0.00	41.19 2.04 0.00	45.21 2.96 0.00	46.59 2.55 0.00	51.69 2.83 0.00	58.02 3.39 0.00	63.53 3.88 0.00	60.68 3.76 0.00	51.09 2.71 0.00	45.89 2.30 -0.11	40.27 1.81 0.00	36.63 1.58 -0.05	34.12 1.22 0.00
MCINTYRE_115KV_TB2 80467	29.26 -0.18 0.00	26.84 -0.19 0.00	24.90 -0.20 0.00	23.48 -0.19 0.00	23.47 -0.19 0.00	24.88 -0.15 0.00	27.76 -0.14 0.00	29.33 -0.15 0.00	30.71 -0.28 0.00	33.08 -0.40 0.00	35.14 -0.39 0.00	35.87 -0.66 0.00	38.30 -0.86 0.00	41.41 -0.85 0.00	43.28 -0.75 0.00	47.63 -1.22 0.00	52.56 -2.08 0.00	57.57 -2.09 0.00	54.99 -1.94 0.00	46.83 -1.55 0.00	42.34 -1.13 0.00	37.84 -0.62 0.00	34.44 -0.56 0.00	32.28 -0.63 0.00
MECO_____69_KV_BK1 80468	33.53 4.09 0.00	30.68 3.65 0.00	28.32 3.21 0.00	26.65 2.98 0.00	26.72 3.05 0.00	28.43 3.40 0.00	31.66 3.77 0.00	33.51 4.04 0.00	35.20 4.21 0.00	37.97 4.49 0.00	40.22 4.69 0.00	41.57 5.04 0.00	44.72 5.56 0.00	48.42 6.17 0.00	50.42 6.38 0.00	56.03 7.18 0.00	62.88 8.25 0.00	70.16 10.50 0.00	67.97 11.04 0.00	58.73 9.43 -0.92	52.75 8.35 -0.93	45.38 6.92 0.00	40.46 5.46 0.00	37.64 4.74 0.00
MENANDS___115KV_TB5 355628	30.35 0.91 0.00	27.84 0.81 0.00	25.83 0.73 0.00	24.36 0.69 0.00	24.35 0.69 0.00	25.73 0.70 0.00	28.68 0.78 0.00	30.30 0.83 0.00	31.85 0.87 0.00	34.39 0.90 0.00	36.46 0.92 0.00	37.55 1.02 0.00	40.26 1.10 0.00	43.31 1.06 0.00	45.22 1.19 0.00	50.32 1.47 0.00	56.44 1.80 0.00	61.81 2.15 0.00	58.92 1.99 0.00	50.82 1.79 -0.65	45.69 1.56 -0.66	39.88 1.42 0.00	36.09 1.09 0.00	33.99 1.09 0.00
MG INDUSTRY___DRP 24185	30.41 0.97 0.00	27.89 0.86 0.00	25.88 0.78 0.00	24.41 0.73 0.00	24.40 0.73 0.00	25.78 0.75 0.00	28.68 0.78 0.00	30.27 0.80 0.00	31.76 0.77 0.00	34.25 0.77 0.00	36.24 0.71 0.00	37.29 0.77 0.00	39.94 0.78 0.00	43.01 0.76 0.00	44.87 0.84 0.00	49.93 1.07 0.00	56.05 1.42 0.00	61.51 1.85 0.00	58.75 1.82 0.00	50.47 1.69 -0.40	45.39 1.52 -0.40	39.84 1.38 0.00	36.09 1.09 0.00	34.02 1.12 0.00

MID___OSWEGATCHIE_HYD 23849	28.94 -0.50 0.00	26.51 -0.51 0.00	24.60 -0.50 0.00	23.20 -0.47 0.00	23.19 -0.47 0.00	24.58 -0.45 0.00	27.42 -0.47 0.00	28.97 -0.50 0.00	30.37 -0.62 0.00	32.81 -0.77 -0.09	34.71 -0.82 0.00	35.69 -0.84 0.00	38.18 -0.98 0.00	41.28 -0.97 0.00	43.06 -0.97 0.00	47.63 -1.22 0.00	52.89 -1.75 0.00	57.81 -1.85 0.00	55.33 -1.59 0.00	47.17 -1.21 0.00	42.72 -0.91 -0.16	37.73 -0.73 0.00	34.27 -0.81 -0.08	32.02 -0.89 0.00
MID___RAQUETTE_HYD 23851	28.56 -0.88 0.00	26.22 -0.81 0.00	24.32 -0.78 0.00	22.91 -0.76 0.00	22.93 -0.73 0.00	24.28 -0.75 0.00	27.03 -0.86 0.00	28.56 -0.91 0.00	29.96 -1.02 0.00	32.39 -1.14 -0.05	34.36 -1.17 0.00	35.14 -1.39 0.00	37.51 -1.64 0.00	40.56 -1.69 0.00	42.32 -1.72 0.00	46.56 -2.30 0.00	51.30 -3.33 0.00	56.08 -3.58 0.00	53.57 -3.36 0.00	45.52 -2.85 0.00	41.16 -2.39 -0.08	36.77 -1.69 0.00	33.50 -1.54 -0.04	31.36 -1.55 0.00
MILLIKEN___1 23584	30.21 0.77 0.00	27.73 0.70 0.00	25.75 0.65 0.00	24.29 0.62 0.00	24.30 0.64 0.00	25.76 0.73 0.00	28.65 0.75 0.00	30.36 0.88 0.00	31.82 0.84 0.00	34.53 0.87 -0.17	36.49 0.96 0.00	37.77 1.24 0.00	40.57 1.41 0.00	44.07 1.82 0.00	45.84 1.81 0.00	50.86 2.00 0.00	57.09 2.46 0.00	62.46 2.80 0.00	59.83 2.90 0.00	50.70 2.32 0.00	45.90 2.13 -0.30	40.00 1.54 0.00	36.47 1.33 -0.14	33.99 1.09 0.00
MILLIKEN___2 23585	30.21 0.77 0.00	27.73 0.70 0.00	25.75 0.65 0.00	24.29 0.62 0.00	24.30 0.64 0.00	25.76 0.73 0.00	28.65 0.75 0.00	30.36 0.88 0.00	31.82 0.84 0.00	34.53 0.87 -0.17	36.49 0.96 0.00	37.77 1.24 0.00	40.57 1.41 0.00	44.07 1.82 0.00	45.84 1.81 0.00	50.86 2.00 0.00	57.09 2.46 0.00	62.46 2.80 0.00	59.83 2.90 0.00	50.70 2.32 0.00	45.90 2.13 -0.30	40.00 1.54 0.00	36.47 1.33 -0.14	33.99 1.09 0.00
MILLIKEN___DIESEL 23629	30.21 0.77 0.00	27.73 0.70 0.00	25.75 0.65 0.00	24.29 0.62 0.00	24.30 0.64 0.00	25.76 0.73 0.00	28.65 0.75 0.00	30.36 0.88 0.00	31.82 0.84 0.00	34.53 0.87 -0.17	36.49 0.96 0.00	37.77 1.24 0.00	40.57 1.41 0.00	44.07 1.82 0.00	45.84 1.81 0.00	50.86 2.00 0.00	57.09 2.46 0.00	62.46 2.80 0.00	59.83 2.90 0.00	50.70 2.32 0.00	45.90 2.13 -0.30	40.00 1.54 0.00	36.47 1.33 -0.14	33.99 1.09 0.00
MILLSEAT___LFGE 323607	29.53 0.09 0.00	27.43 0.41 0.00	25.50 0.40 0.00	23.88 0.21 0.00	24.09 0.43 0.00	25.43 0.40 0.00	27.87 -0.03 0.00	29.45 -0.03 0.00	31.23 0.25 0.00	33.72 0.24 0.00	36.10 0.57 0.00	37.77 1.24 0.00	40.80 1.64 0.00	44.92 2.66 0.00	46.23 2.20 0.00	51.15 2.30 0.00	57.64 3.00 0.00	63.18 3.52 0.00	60.52 3.59 0.00	50.70 2.32 0.00	45.43 1.96 0.00	39.96 1.50 0.00	36.54 1.54 0.00	34.19 1.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.21 1.77 0.00	28.54 1.51 0.00	26.43 1.33 0.00	24.93 1.25 0.00	24.87 1.21 0.00	26.33 1.30 0.00	29.43 1.53 0.00	31.27 1.80 0.00	32.94 1.95 0.00	35.62 2.14 0.00	37.66 2.13 0.00	38.83 2.30 0.00	41.59 2.43 0.00	44.70 2.45 0.00	46.59 2.55 0.00	51.93 3.08 0.00	58.02 3.39 0.00	63.18 3.52 0.00	60.06 3.13 0.00	51.32 2.85 -0.09	46.04 2.48 -0.09	40.80 2.35 0.00	36.96 1.96 0.00	34.91 2.01 0.00
MILLWOOD_13_KV_LOAD 356217	31.35 1.91 0.00	28.65 1.62 0.00	26.53 1.43 0.00	25.02 1.35 0.00	24.94 1.28 0.00	26.41 1.38 0.00	29.54 1.65 0.00	31.39 1.92 0.00	33.06 2.08 0.00	35.76 2.28 0.00	37.81 2.27 0.00	39.05 2.52 0.00	41.86 2.70 0.00	45.00 2.75 0.00	46.89 2.86 0.00	52.27 3.42 0.00	58.40 3.77 0.00	63.59 3.94 0.00	60.46 3.53 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.04 2.58 0.00	37.14 2.14 0.00	35.04 2.14 0.00
MODEL_CITY_ENERGY 24167	28.71 -0.73 0.00	26.78 -0.24 0.00	24.90 -0.20 0.00	23.34 -0.33 0.00	23.57 -0.09 0.00	24.83 -0.20 0.00	27.17 -0.73 0.00	28.53 -0.94 0.00	30.33 -0.65 0.00	32.68 -0.80 0.00	35.11 -0.42 0.00	36.67 0.15 0.00	39.59 0.43 0.00	43.69 1.44 0.00	44.83 0.79 0.00	49.63 0.78 0.00	56.00 1.37 0.00	61.33 1.67 0.00	58.69 1.77 0.00	49.15 0.77 0.00	43.99 0.52 0.00	38.73 0.27 0.00	35.49 0.49 0.00	33.33 0.43 0.00
MODERN_LFGE___ 323580	28.71 -0.73 0.00	26.78 -0.24 0.00	24.90 -0.20 0.00	23.34 -0.33 0.00	23.57 -0.09 0.00	24.83 -0.20 0.00	27.17 -0.73 0.00	28.53 -0.94 0.00	30.33 -0.65 0.00	32.68 -0.80 0.00	35.11 -0.42 0.00	36.67 0.15 0.00	39.59 0.43 0.00	43.69 1.44 0.00	44.83 0.79 0.00	49.63 0.78 0.00	56.00 1.37 0.00	61.33 1.67 0.00	58.69 1.77 0.00	49.15 0.77 0.00	43.99 0.52 0.00	38.73 0.27 0.00	35.49 0.49 0.00	33.33 0.43 0.00
MOHAWK_PAPER___DRP 24187	30.59 1.15 0.00	28.03 1.00 0.00	26.01 0.90 0.00	24.52 0.85 0.00	24.49 0.83 0.00	25.91 0.88 0.00	28.84 0.95 0.00	30.51 1.03 0.00	32.07 1.08 0.00	34.62 1.14 0.00	36.70 1.17 0.00	37.80 1.28 0.00	40.53 1.37 0.00	43.65 1.39 0.00	45.57 1.54 0.00	50.66 1.81 0.00	56.87 2.24 0.00	62.28 2.62 0.00	59.43 2.50 0.00	51.33 2.27 -0.68	46.11 1.96 -0.69	40.23 1.77 0.00	36.40 1.40 0.00	34.25 1.35 0.00
MOHICAN___35_KV_115KV_LD 80490	31.62 2.18 0.00	29.00 1.97 0.00	26.83 1.73 0.00	25.26 1.59 0.00	25.25 1.59 0.00	26.78 1.75 0.00	29.85 1.95 0.00	31.51 2.03 0.00	33.19 2.20 0.00	35.89 2.41 0.00	37.63 2.10 0.00	38.90 2.37 0.00	41.78 2.62 0.00	44.83 2.58 0.00	46.89 2.86 0.00	52.17 3.32 0.00	58.57 3.93 0.00	64.61 4.95 0.00	62.39 5.47 0.00	54.19 4.84 -0.98	48.98 4.52 -0.99	42.19 3.73 0.00	37.87 2.87 0.00	35.44 2.53 0.00
MONGAUP___HYD 23641	31.09 1.65 0.00	28.49 1.46 0.00	26.46 1.35 0.00	24.93 1.25 0.00	24.89 1.23 0.00	26.33 1.30 0.00	29.40 1.51 0.00	30.89 1.41 0.00	32.54 1.55 0.00	35.12 1.64 0.00	37.13 1.60 0.00	38.17 1.65 0.00	40.96 1.80 0.00	44.11 1.86 0.00	45.97 1.94 0.00	51.29 2.44 0.00	57.31 2.68 0.00	62.76 3.10 0.00	60.06 3.13 0.00	51.31 2.85 -0.08	46.03 2.48 -0.08	40.73 2.27 0.00	36.75 1.75 0.00	34.68 1.78 0.00
MONTAUK___DIESEL 23721	35.93 3.27 -3.22	32.98 2.89 -3.06	29.20 2.66 -1.44	26.20 2.53 0.00	27.40 2.51 -1.23	29.16 2.70 -1.42	31.94 3.07 -0.97	35.31 3.30 -2.53	37.69 4.00 -2.70	37.86 4.35 -0.02	40.19 4.65 0.00	41.72 5.19 0.00	44.25 5.09 0.00	47.79 5.54 0.00	49.67 5.64 0.00	55.11 6.25 0.00	61.90 7.27 0.00	67.23 7.58 0.00	63.59 6.66 0.00	53.89 5.42 -0.09	48.26 4.69 -0.10	42.62 4.15 0.00	37.76 2.77 0.01	36.26 3.36 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.53 1.09 0.00	27.73 0.70 0.00	25.93 0.83 0.00	24.57 0.90 0.00	24.66 0.99 0.00	26.21 1.18 0.00	28.73 0.84 0.00	30.77 1.30 0.00	32.51 1.52 0.00	34.92 1.44 0.00	37.66 2.13 0.00	39.41 2.89 0.00	42.61 3.45 0.00	47.11 4.86 0.00	48.35 4.32 0.00	53.54 4.69 0.00	60.21 5.57 0.00	64.61 4.95 0.00	62.79 5.86 0.00	52.78 4.40 0.00	47.29 3.83 0.00	40.77 2.31 0.00	37.14 2.14 0.00	34.72 1.81 0.00

MORTIMER_115KV_TB3 55949	29.47 0.03 0.00	26.97 -0.05 0.00	25.18 0.08 0.00	23.79 0.12 0.00	23.85 0.19 0.00	25.26 0.23 0.00	27.87 -0.03 0.00	29.48 0.00 0.00	31.14 0.15 0.00	33.68 0.20 0.00	35.99 0.46 0.00	37.51 0.99 0.00	40.37 1.21 0.00	44.20 1.94 0.00	45.71 1.67 0.00	50.61 1.76 0.00	56.82 2.19 0.00	61.81 2.15 0.00	59.49 2.56 0.00	50.07 1.69 0.00	44.90 1.43 0.00	39.19 0.73 0.00	35.67 0.67 0.00	33.50 0.59 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.50 2.06 0.00	28.78 1.76 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.03 2.54 0.00	38.05 2.52 0.00	39.26 2.74 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.46 3.82 0.00	63.54 3.88 0.00	60.34 3.42 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.31 2.31 0.00	35.27 2.37 0.00
MUNSVILLE_WIND_PWR 323609	32.12 2.68 0.00	29.43 2.40 0.00	27.28 2.18 0.00	25.66 1.99 0.00	25.65 1.99 0.00	27.23 2.20 0.00	30.41 2.51 0.00	32.25 2.77 0.00	33.71 2.73 0.00	36.34 2.75 -0.11	38.38 2.84 0.00	39.92 3.40 0.00	42.92 3.76 0.00	46.69 4.44 0.00	48.79 4.76 0.00	54.32 5.47 0.00	60.86 6.23 0.00	66.69 7.04 0.00	63.99 7.06 0.00	54.38 5.95 -0.06	49.20 5.48 -0.25	42.84 4.38 0.00	38.70 3.61 -0.09	35.90 2.99 0.00
N SALMON___HYD 24042	29.47 0.03 0.00	27.03 0.00 0.00	25.05 -0.05 0.00	23.58 -0.09 0.00	23.62 -0.05 0.00	25.03 0.00 0.00	28.01 0.11 0.00	29.65 0.18 0.00	31.17 0.19 0.00	33.68 0.20 0.00	35.89 0.36 0.00	36.75 0.22 0.00	39.32 0.16 0.00	42.51 0.26 0.00	44.34 0.31 0.00	48.32 -0.54 0.00	53.54 -1.09 0.00	58.52 -1.14 0.00	55.90 -1.02 0.00	47.31 -1.06 0.00	42.82 -0.65 0.00	37.46 -1.00 0.00	34.27 -0.74 0.00	32.02 -0.89 0.00
N.AKRON__115KV_KNAPP 355671	29.56 0.12 0.00	26.92 -0.11 0.00	25.25 0.15 0.00	23.88 0.21 0.00	24.02 0.35 0.00	25.46 0.43 0.00	27.84 -0.06 0.00	29.48 0.00 0.00	31.27 0.28 0.00	33.72 0.23 0.00	36.14 0.60 0.00	37.77 1.24 0.00	40.77 1.61 0.00	44.96 2.70 0.00	46.23 2.20 0.00	51.15 2.30 0.00	57.64 3.00 0.00	62.52 2.86 0.00	60.51 3.59 0.00	50.75 2.37 0.00	45.43 1.96 0.00	39.50 1.04 0.00	36.05 1.05 0.00	34.09 1.18 0.00
N.BELMOR_69_KV_BK1 55787	35.20 2.53 -3.22	32.25 2.16 -3.06	28.48 1.93 -1.44	25.47 1.80 0.00	26.67 1.77 -1.23	28.36 1.90 -1.42	31.10 2.23 -0.97	34.54 2.53 -2.53	36.51 2.82 -2.70	36.55 3.05 -0.02	38.41 2.88 0.00	39.78 3.25 0.00	42.33 3.17 0.00	45.72 3.46 0.00	47.60 3.57 0.00	52.76 3.91 0.00	59.06 4.43 0.00	64.19 4.53 0.00	60.91 3.98 0.00	51.90 3.43 -0.09	46.73 3.17 -0.09	41.46 3.00 0.00	37.38 2.38 0.00	35.60 2.70 0.00
N.E_GEN_SANDY PD 24062	30.91 1.47 0.00	28.33 1.30 0.00	27.73 1.23 -1.40	26.00 1.16 -1.17	26.52 1.14 -1.72	26.28 1.25 0.00	29.29 1.39 0.00	30.89 1.41 0.00	32.41 1.43 0.00	34.90 1.51 0.09	37.18 1.56 -0.09	38.21 1.68 0.00	40.92 1.76 0.00	43.95 1.69 0.00	45.84 1.81 0.00	51.00 2.15 0.00	57.31 2.68 0.00	62.58 2.92 0.00	67.33 2.73 -7.67	59.00 2.47 -8.16	55.64 2.13 -10.04	47.25 2.08 -6.72	43.67 1.61 -7.06	37.00 1.64 -2.45
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.03 1.59 0.00	28.41 1.38 0.00	26.33 1.23 0.00	24.83 1.16 0.00	24.78 1.11 0.00	26.23 1.20 0.00	29.26 1.37 0.00	31.04 1.56 0.00	32.72 1.74 0.00	35.39 1.91 0.00	37.38 1.85 0.00	38.53 2.01 0.00	41.27 2.11 0.00	44.41 2.15 0.00	46.32 2.29 0.00	51.64 2.78 0.00	57.69 3.06 0.00	62.88 3.22 0.00	59.72 2.79 0.00	51.03 2.56 -0.09	45.77 2.22 -0.09	40.57 2.12 0.00	36.72 1.72 0.00	34.68 1.78 0.00
N.QUEENS_27_KV_LOAD 356247	31.89 2.44 -0.01	29.12 2.08 -0.01	26.94 1.83 -0.01	25.35 1.68 0.00	25.27 1.61 0.00	26.63 1.60 0.00	29.79 1.90 0.00	31.69 2.21 0.00	33.50 2.51 0.00	36.23 2.75 0.00	38.20 2.66 0.00	39.41 2.89 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.07 3.04 0.00	52.61 3.76 0.00	58.57 3.93 0.00	63.59 3.94 0.00	60.46 3.53 0.00	51.71 3.24 -0.09	46.39 2.83 -0.09	41.19 2.73 0.00	37.59 2.59 0.00	35.64 2.73 -0.01
N.TROY___115KV_TB1 355778	30.82 1.38 0.00	28.24 1.22 0.00	26.21 1.10 0.00	24.71 1.04 0.00	24.68 1.02 0.00	26.13 1.10 0.00	29.10 1.20 0.00	30.77 1.30 0.00	32.32 1.33 0.00	34.89 1.41 0.00	36.95 1.42 0.00	38.06 1.53 0.00	40.80 1.64 0.00	43.90 1.65 0.00	45.84 1.81 0.00	50.95 2.10 0.00	57.26 2.62 0.00	62.76 3.10 0.00	59.95 3.02 0.00	51.92 2.71 -0.84	46.71 2.39 -0.85	40.57 2.12 0.00	36.72 1.72 0.00	34.55 1.65 0.00
NARROWS_GT1_1 24228	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT1_2 24229	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT1_3 24230	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT1_4 24231	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT1_5 24232	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61

NARROWS_GT1_6 24233	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT1_7 24234	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT1_8 24235	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT2_1 24236	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT2_2 24237	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT2_3 24238	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT2_4 24239	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT2_5 24240	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT2_6 24241	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT2_7 24242	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NARROWS_GT2_8 24243	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.77 4.11 0.00	60.63 3.70 0.00	51.90 3.44 -0.09	46.60 3.04 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.97 1.53 0.00	28.35 1.32 0.00	26.33 1.23 0.00	24.81 1.14 0.00	24.82 1.16 0.00	26.18 1.15 0.00	29.18 1.28 0.00	30.57 1.09 0.00	32.10 1.12 0.00	34.59 1.10 0.00	36.56 1.03 0.00	37.55 1.02 0.00	40.33 1.17 0.00	43.44 1.18 0.00	45.40 1.37 0.00	50.51 1.66 0.00	56.87 2.24 0.00	62.76 3.10 0.00	60.23 3.30 0.00	51.31 2.56 -0.37	46.10 2.26 -0.37	40.65 2.19 0.00	36.68 1.68 0.00	34.58 1.68 0.00
NCHELSEA_115KV_TR2 355582	31.38 1.94 0.00	28.65 1.62 0.00	26.58 1.48 0.00	25.04 1.37 0.00	24.99 1.33 0.00	26.43 1.40 0.00	29.54 1.65 0.00	31.24 1.77 0.00	32.97 1.98 0.00	35.69 2.21 0.00	37.73 2.20 0.00	38.83 2.30 0.00	41.70 2.55 0.00	44.83 2.58 0.00	46.76 2.73 0.00	52.13 3.27 0.00	58.35 3.72 0.00	63.71 4.06 0.00	60.63 3.70 0.00	51.71 3.24 -0.09	46.35 2.78 -0.10	41.00 2.54 0.00	37.14 2.14 0.00	35.04 2.14 0.00
NEG CAPITAL___MECHNVIL 23645	31.50 2.06 0.00	28.92 1.89 0.00	26.81 1.71 0.00	25.26 1.59 0.00	25.25 1.59 0.00	26.76 1.73 0.00	29.82 1.92 0.00	31.48 2.01 0.00	33.03 2.04 0.00	35.69 2.21 0.00	37.70 2.17 0.00	38.94 2.41 0.00	41.74 2.58 0.00	44.96 2.71 0.00	46.98 2.95 0.00	52.27 3.42 0.00	58.73 4.10 0.00	64.49 4.83 0.00	61.94 5.01 0.00	53.66 4.36 -0.93	48.32 3.91 -0.94	41.84 3.39 0.00	37.63 2.63 0.00	35.31 2.40 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.03 -0.41 0.00	26.81 -0.22 0.00	24.88 -0.23 0.00	23.39 -0.28 0.00	23.47 -0.19 0.00	24.78 -0.25 0.00	27.45 -0.45 0.00	29.09 -0.38 0.00	30.71 -0.28 0.00	33.25 -0.23 0.00	35.50 -0.04 0.00	36.96 0.44 0.00	39.82 0.67 0.00	43.44 1.18 0.00	45.00 0.97 0.00	49.83 0.98 0.00	55.89 1.26 0.00	61.27 1.61 0.00	58.47 1.54 0.00	49.25 0.87 0.00	44.21 0.74 0.00	38.80 0.35 0.00	35.32 0.31 0.00	33.00 0.10 0.00

NEG CENTRAL___DRP 24199	29.74 0.29 0.00	27.30 0.27 0.00	25.38 0.28 0.00	23.96 0.28 0.00	23.99 0.33 0.00	25.43 0.40 0.00	28.26 0.36 0.00	29.89 0.41 0.00	31.42 0.43 0.00	34.16 0.50 -0.18	36.17 0.64 0.00	37.51 0.99 0.00	40.33 1.17 0.00	43.94 1.69 0.00	45.66 1.63 0.00	50.61 1.76 0.00	56.82 2.19 0.00	61.98 2.33 0.00	59.43 2.50 0.00	50.22 1.84 0.00	45.38 1.61 -0.30	39.46 1.00 0.00	35.99 0.84 -0.14	33.53 0.63 0.00
NEG CENTRAL___INDECK 23768	30.62 1.18 0.00	28.33 1.30 0.00	26.26 1.16 0.00	24.62 0.95 0.00	24.78 1.11 0.00	26.21 1.18 0.00	28.96 1.06 0.00	30.68 1.21 0.00	32.13 1.15 0.00	34.55 1.07 0.00	35.57 0.04 0.00	37.07 0.55 0.00	39.90 0.74 0.00	43.61 1.35 0.00	45.09 1.06 0.00	50.07 1.22 0.00	56.27 1.64 0.00	61.92 2.27 0.00	59.66 2.73 0.00	50.70 2.32 0.00	45.69 2.22 0.00	40.11 1.65 0.00	36.40 1.40 0.00	34.95 2.04 0.00
NEG CENTRAL___SENECA 23627	29.88 0.44 0.00	27.41 0.38 0.00	25.50 0.40 0.00	24.07 0.40 0.00	24.16 0.50 0.00	25.61 0.58 0.00	28.40 0.50 0.00	30.09 0.62 0.00	31.61 0.62 0.00	34.28 0.70 -0.09	36.42 0.89 0.00	37.84 1.31 0.00	40.73 1.57 0.00	44.54 2.28 0.00	46.15 2.11 0.00	51.15 2.30 0.00	57.47 2.84 0.00	62.70 3.04 0.00	60.17 3.24 0.00	50.75 2.37 0.00	45.76 2.13 -0.16	39.77 1.31 0.00	36.20 1.12 -0.08	33.79 0.89 0.00
NEG CENTRAL___STATE_STREET 24147	29.74 0.29 0.00	27.30 0.27 0.00	25.38 0.28 0.00	23.91 0.24 0.00	23.95 0.28 0.00	25.36 0.33 0.00	28.23 0.33 0.00	29.86 0.38 0.00	31.33 0.34 0.00	34.15 0.44 -0.24	36.06 0.53 0.00	37.37 0.84 0.00	40.14 0.98 0.00	43.65 1.39 0.00	45.44 1.41 0.00	50.37 1.51 0.00	56.49 1.86 0.00	61.69 2.03 0.00	58.98 2.05 0.00	49.93 1.55 0.00	45.31 1.43 -0.41	39.34 0.88 0.00	35.96 0.77 -0.19	33.46 0.56 0.00
NEG MILLWOOD___DRP 24198	31.62 2.18 0.00	28.87 1.84 0.00	26.71 1.61 0.00	25.19 1.51 0.00	25.11 1.44 0.00	26.53 1.50 0.00	29.76 1.87 0.00	31.54 2.06 0.00	33.25 2.26 0.00	35.99 2.51 0.00	38.09 2.56 0.00	39.37 2.85 0.00	42.29 3.13 0.00	45.46 3.21 0.00	47.42 3.39 0.00	52.86 4.01 0.00	59.17 4.53 0.00	64.55 4.89 0.00	61.37 4.44 0.00	52.34 3.87 -0.09	46.87 3.30 -0.10	41.46 3.00 0.00	37.49 2.49 0.00	35.31 2.40 0.00
NEG NORTH_FLCN_SEA 23793	30.29 0.85 0.00	27.78 0.76 0.00	25.73 0.63 0.00	24.19 0.52 0.00	24.25 0.59 0.00	25.71 0.68 0.00	28.82 0.92 0.00	30.51 1.03 0.00	32.07 1.08 0.00	34.72 1.24 0.00	37.06 1.53 0.00	38.02 1.50 0.00	40.69 1.53 0.00	44.03 1.77 0.00	45.93 1.89 0.00	48.95 0.10 0.00	53.98 -0.66 0.00	58.88 -0.78 0.00	56.24 -0.68 0.00	47.51 -0.87 0.00	43.38 -0.09 0.00	38.11 -0.35 0.00	34.48 -0.53 0.00	32.05 -0.86 0.00
NEG NORTH_KES_CHATEGAY 23792	29.53 0.09 0.00	27.08 0.05 0.00	25.08 -0.03 0.00	23.60 -0.07 0.00	23.64 -0.02 0.00	25.06 0.03 0.00	28.04 0.14 0.00	29.65 0.18 0.00	31.14 0.15 0.00	33.68 0.20 0.00	35.89 0.36 0.00	36.71 0.18 0.00	39.32 0.16 0.00	42.46 0.21 0.00	44.25 0.22 0.00	48.12 -0.73 0.00	53.43 -1.20 0.00	58.40 -1.25 0.00	55.79 -1.14 0.00	47.22 -1.16 0.00	42.77 -0.70 0.00	37.69 -0.77 0.00	34.20 -0.81 0.00	31.92 -0.99 0.00
NEG NORTH___ALICE_FALLS 23915	30.21 0.77 0.00	27.70 0.68 0.00	25.63 0.53 0.00	24.12 0.45 0.00	24.16 0.50 0.00	25.63 0.60 0.00	28.76 0.86 0.00	30.42 0.94 0.00	31.95 0.96 0.00	34.59 1.10 0.00	36.92 1.39 0.00	37.84 1.31 0.00	40.53 1.37 0.00	43.86 1.61 0.00	45.75 1.72 0.00	49.05 0.20 0.00	54.25 -0.38 0.00	59.30 -0.36 0.00	56.64 -0.28 0.00	47.80 -0.58 0.00	43.56 0.09 0.00	38.23 -0.23 0.00	34.58 -0.42 0.00	32.15 -0.76 0.00
NEG NORTH___LWR_SARANAC 23913	30.21 0.77 0.00	27.70 0.68 0.00	25.63 0.53 0.00	24.12 0.45 0.00	24.16 0.50 0.00	25.63 0.60 0.00	28.76 0.86 0.00	30.42 0.94 0.00	31.95 0.96 0.00	34.59 1.10 0.00	36.92 1.39 0.00	37.84 1.31 0.00	40.53 1.37 0.00	43.86 1.61 0.00	45.75 1.72 0.00	49.05 0.20 0.00	54.25 -0.38 0.00	59.30 -0.36 0.00	56.64 -0.28 0.00	47.80 -0.58 0.00	43.56 0.09 0.00	38.23 -0.23 0.00	34.58 -0.42 0.00	32.15 -0.76 0.00
NEG NORTH___PLATTSBURG 23628	30.21 0.76 0.00	27.70 0.68 0.00	25.65 0.55 0.00	24.12 0.45 0.00	24.18 0.52 0.00	25.66 0.63 0.00	28.76 0.87 0.00	30.42 0.94 0.00	31.95 0.96 0.00	34.58 1.10 0.00	36.92 1.38 0.00	37.84 1.31 0.00	40.53 1.37 0.00	43.86 1.61 0.00	45.75 1.72 0.00	49.05 0.20 0.00	54.25 -0.38 0.00	59.24 -0.41 0.00	56.64 -0.28 0.00	47.80 -0.58 0.00	43.56 0.09 0.00	37.96 -0.50 0.00	34.58 -0.42 0.00	32.15 -0.76 0.00
NEG WEST_LEA_LOCKPORT 23791	28.91 -0.53 0.00	26.35 -0.68 0.00	24.75 -0.35 0.00	23.46 -0.21 0.00	23.57 -0.09 0.00	24.98 -0.05 0.00	27.28 -0.61 0.00	28.77 -0.71 0.00	30.55 -0.43 0.00	32.91 -0.57 0.00	35.28 -0.25 0.00	36.85 0.33 0.00	39.75 0.59 0.00	43.94 1.69 0.00	45.09 1.06 0.00	49.88 1.03 0.00	56.33 1.69 0.00	60.91 1.25 0.00	58.98 2.05 0.00	49.44 1.06 0.00	44.21 0.74 0.00	38.50 0.04 0.00	35.25 0.25 0.00	33.53 0.63 0.00
NEG WEST___LANCASTR 23811	29.24 -0.21 0.00	26.60 -0.43 0.00	24.90 -0.20 0.00	23.60 -0.07 0.00	23.71 0.05 0.00	25.18 0.15 0.00	27.56 -0.33 0.00	29.36 -0.12 0.00	31.11 0.12 0.00	33.52 0.03 0.00	36.06 0.53 0.00	37.66 1.13 0.00	40.53 1.37 0.00	44.83 2.58 0.00	46.10 2.07 0.00	51.10 2.25 0.00	57.69 3.06 0.00	62.34 2.68 0.00	60.23 3.30 0.00	50.51 2.13 0.00	45.21 1.74 0.00	39.30 0.85 0.00	35.88 0.88 0.00	33.60 0.69 0.00
NEG_PENN_ALLEGHNY 23528	29.91 0.47 0.00	27.57 0.54 0.00	25.58 0.48 0.00	24.07 0.40 0.00	24.14 0.47 0.00	25.56 0.53 0.00	28.40 0.50 0.00	30.10 0.62 0.00	31.64 0.65 0.00	34.29 0.70 -0.10	36.38 0.85 0.00	37.66 1.13 0.00	40.45 1.29 0.00	43.95 1.69 0.00	45.71 1.67 0.00	50.71 1.86 0.00	56.87 2.24 0.00	62.16 2.51 0.00	59.32 2.39 0.00	50.25 1.84 -0.04	45.34 1.65 -0.22	39.84 1.38 0.00	36.21 1.12 -0.09	33.76 0.85 0.00
NEG___GEN_MONROE 24207	29.59 0.15 0.00	27.03 0.00 0.00	25.23 0.13 0.00	23.84 0.17 0.00	23.90 0.24 0.00	25.36 0.33 0.00	27.95 0.06 0.00	29.53 0.06 0.00	31.23 0.25 0.00	33.75 0.27 0.00	36.06 0.53 0.00	37.58 1.06 0.00	40.49 1.33 0.00	44.41 2.15 0.00	45.97 1.94 0.00	50.90 2.05 0.00	57.04 2.40 0.00	62.04 2.39 0.00	59.83 2.90 0.00	50.36 1.98 0.00	45.21 1.74 0.00	39.46 1.00 0.00	35.91 0.91 0.00	33.83 0.92 0.00
NEPA___ENERGY 23901	29.71 0.26 0.00	27.05 0.03 0.00	25.30 0.20 0.00	24.00 0.33 0.00	24.09 0.43 0.00	25.61 0.58 0.00	28.01 0.11 0.00	29.92 0.44 0.00	31.64 0.65 0.00	34.08 0.60 0.00	36.67 1.14 0.00	38.28 1.75 0.00	41.24 2.08 0.00	45.59 3.34 0.00	46.89 2.86 0.00	51.98 3.13 0.00	58.62 3.99 0.00	63.36 3.70 0.00	61.25 4.33 0.00	51.38 3.00 0.00	45.99 2.52 0.00	40.04 1.58 0.00	36.47 1.47 0.00	34.09 1.18 0.00

NEVERSINK___HYD 23608	30.62 1.18 0.00	28.00 0.97 0.00	26.00 0.90 0.00	24.52 0.85 0.00	24.47 0.80 0.00	25.88 0.85 0.00	28.93 1.03 0.00	30.45 0.97 0.00	32.10 1.11 0.00	34.72 1.24 0.00	36.70 1.17 0.00	37.73 1.20 0.00	40.49 1.33 0.00	43.56 1.31 0.00	45.48 1.45 0.00	50.76 1.90 0.00	56.76 2.13 0.00	61.98 2.32 0.00	59.09 2.16 0.00	50.41 1.94 -0.10	45.22 1.65 -0.10	40.04 1.58 0.00	36.12 1.12 0.00	34.09 1.18 0.00
NEWKRMKL_115KV_TB1 55635	30.24 0.79 0.00	27.70 0.68 0.00	25.70 0.60 0.00	24.24 0.57 0.00	24.23 0.57 0.00	25.61 0.58 0.00	28.54 0.64 0.00	30.18 0.71 0.00	31.70 0.71 0.00	34.25 0.77 0.00	36.28 0.75 0.00	37.40 0.88 0.00	40.10 0.94 0.00	43.14 0.89 0.00	45.05 1.01 0.00	50.07 1.22 0.00	56.16 1.53 0.00	61.51 1.85 0.00	58.69 1.76 0.00	50.60 1.60 -0.62	45.45 1.35 -0.63	39.69 1.23 0.00	35.91 0.91 0.00	33.83 0.92 0.00
NEWTON___FALLS_HYD 23847	28.94 -0.50 0.00	26.51 -0.51 0.00	24.60 -0.50 0.00	23.20 -0.47 0.00	23.19 -0.47 0.00	24.58 -0.45 0.00	27.42 -0.47 0.00	28.97 -0.50 0.00	30.37 -0.62 0.00	32.81 -0.77 -0.09	34.71 -0.82 0.00	35.69 -0.84 0.00	38.18 -0.98 0.00	41.28 -0.97 0.00	43.06 -0.97 0.00	47.63 -1.22 0.00	52.89 -1.75 0.00	57.81 -1.85 0.00	55.33 -1.59 0.00	47.17 -1.21 0.00	42.72 -0.91 -0.16	37.73 -0.73 0.00	34.27 -0.81 -0.08	32.02 -0.89 0.00
NGRID_A1_DSASP 323792	28.32 -1.12 0.00	26.46 -0.57 0.00	24.57 -0.53 0.00	23.06 -0.62 0.00	23.26 -0.40 0.00	24.50 -0.53 0.00	26.84 -1.06 0.00	28.12 -1.36 0.00	29.90 -1.09 0.00	32.21 -1.27 0.00	34.65 -0.89 0.00	36.20 -0.33 0.00	39.04 -0.12 0.00	43.05 0.80 0.00	44.16 0.13 0.00	48.90 0.05 0.00	55.18 0.55 0.00	60.43 0.77 0.00	57.84 0.91 0.00	48.43 0.05 0.00	43.30 -0.17 0.00	38.15 -0.31 0.00	34.93 -0.07 0.00	32.81 -0.10 0.00
NGRID_A2_DSASP 323793	28.32 -1.12 0.00	26.46 -0.57 0.00	24.57 -0.53 0.00	23.06 -0.62 0.00	23.26 -0.40 0.00	24.50 -0.53 0.00	26.84 -1.06 0.00	28.12 -1.36 0.00	29.90 -1.09 0.00	32.21 -1.27 0.00	34.65 -0.89 0.00	36.20 -0.33 0.00	39.04 -0.12 0.00	43.05 0.80 0.00	44.16 0.13 0.00	48.90 0.05 0.00	55.18 0.55 0.00	60.43 0.77 0.00	57.84 0.91 0.00	48.43 0.05 0.00	43.30 -0.17 0.00	38.15 -0.31 0.00	34.93 -0.07 0.00	32.81 -0.10 0.00
NGRID_A4_DSASP 323807	28.32 -1.12 0.00	26.46 -0.57 0.00	24.57 -0.53 0.00	23.06 -0.62 0.00	23.26 -0.40 0.00	24.50 -0.53 0.00	26.84 -1.06 0.00	28.12 -1.36 0.00	29.90 -1.09 0.00	32.21 -1.27 0.00	34.65 -0.89 0.00	36.20 -0.33 0.00	39.04 -0.12 0.00	43.05 0.80 0.00	44.16 0.13 0.00	48.90 0.05 0.00	55.18 0.55 0.00	60.43 0.77 0.00	57.84 0.91 0.00	48.43 0.05 0.00	43.30 -0.17 0.00	38.15 -0.31 0.00	34.93 -0.07 0.00	32.81 -0.10 0.00
NIAGARA_115E_LBMP 323715	28.56 -0.88 0.00	26.65 -0.38 0.00	24.80 -0.30 0.00	23.25 -0.43 0.00	23.47 -0.19 0.00	24.73 -0.30 0.00	27.03 -0.86 0.00	28.39 -1.09 0.00	30.18 -0.81 0.00	32.48 -1.00 0.00	34.93 -0.60 0.00	36.49 -0.04 0.00	39.36 0.20 0.00	43.44 1.18 0.00	44.60 0.57 0.00	49.34 0.49 0.00	55.73 1.09 0.00	61.03 1.37 0.00	58.35 1.42 0.00	48.91 0.53 0.00	43.73 0.26 0.00	38.50 0.04 0.00	35.28 0.28 0.00	33.10 0.20 0.00
NIAGARA_115W_LBMP 323714	28.26 -1.18 0.00	26.38 -0.65 0.00	24.53 -0.58 0.00	22.98 -0.69 0.00	23.19 -0.47 0.00	24.46 -0.57 0.00	26.75 -1.14 0.00	28.03 -1.44 0.00	29.81 -1.18 0.00	32.11 -1.37 0.00	34.54 -0.99 0.00	36.05 -0.48 0.00	38.89 -0.27 0.00	42.93 0.67 0.00	44.03 0.00 0.00	48.76 -0.10 0.00	55.02 0.39 0.00	60.25 0.60 0.00	57.61 0.69 0.00	48.28 -0.10 0.00	43.17 -0.30 0.00	38.04 -0.42 0.00	34.83 -0.17 0.00	32.71 -0.20 0.00
NIAGARA_230_LBMP 323716	28.65 -0.79 0.00	26.73 -0.30 0.00	24.85 -0.25 0.00	23.29 -0.38 0.00	23.52 -0.14 0.00	24.78 -0.25 0.00	27.14 -0.75 0.00	28.47 -1.00 0.00	30.24 -0.74 0.00	32.58 -0.90 0.00	35.00 -0.53 0.00	36.56 0.04 0.00	39.40 0.24 0.00	43.48 1.23 0.00	44.65 0.62 0.00	49.44 0.59 0.00	55.78 1.15 0.00	61.09 1.43 0.00	58.41 1.48 0.00	48.96 0.58 0.00	43.78 0.31 0.00	38.57 0.12 0.00	35.32 0.31 0.00	33.14 0.23 0.00
NIAGARA___115KV_198_GIBSON 55903	28.26 -1.18 0.00	25.81 -1.22 0.00	24.25 -0.85 0.00	22.96 -0.71 0.00	23.10 -0.57 0.00	24.45 -0.58 0.00	26.72 -1.17 0.00	28.06 -1.41 0.00	29.81 -1.18 0.00	32.11 -1.37 0.00	34.54 -0.99 0.00	36.05 -0.47 0.00	38.85 -0.31 0.00	42.93 0.68 0.00	44.03 0.00 0.00	48.76 -0.10 0.00	55.02 0.38 0.00	59.54 -0.12 0.00	57.61 0.68 0.00	48.28 -0.10 0.00	43.17 -0.30 0.00	37.65 -0.81 0.00	34.37 -0.63 0.00	32.58 -0.33 0.00
NIAGARA____ 23760	28.65 -0.79 0.00	26.73 -0.30 0.00	24.85 -0.25 0.00	23.29 -0.38 0.00	23.52 -0.14 0.00	24.78 -0.25 0.00	27.14 -0.75 0.00	28.47 -1.00 0.00	30.24 -0.74 0.00	32.58 -0.90 0.00	35.00 -0.53 0.00	36.56 0.04 0.00	39.40 0.24 0.00	43.48 1.23 0.00	44.65 0.62 0.00	49.44 0.59 0.00	55.78 1.15 0.00	61.09 1.43 0.00	58.41 1.48 0.00	48.96 0.58 0.00	43.78 0.31 0.00	38.57 0.12 0.00	35.32 0.31 0.00	33.14 0.23 0.00
NINE_MILE_1 23575	28.65 -0.79 0.00	26.35 -0.67 0.00	24.48 -0.63 0.00	23.10 -0.57 0.00	23.09 -0.57 0.00	24.38 -0.65 0.00	27.14 -0.75 0.00	28.71 -0.77 0.00	30.18 -0.81 0.00	31.07 -0.84 1.58	34.68 -0.85 0.00	35.79 -0.73 0.00	38.41 -0.75 0.00	41.54 -0.72 0.00	43.24 -0.79 0.00	47.97 -0.88 0.00	53.76 -0.88 0.00	58.70 -0.96 0.00	56.01 -0.91 0.00	47.56 -0.82 0.00	39.97 -0.78 2.72	37.69 -0.77 0.00	32.98 -0.74 1.28	32.15 -0.76 0.00
NINE_MILE_2 23744	28.68 -0.77 0.00	26.35 -0.67 0.00	24.48 -0.63 0.00	23.10 -0.57 0.00	23.12 -0.54 0.00	24.38 -0.65 0.00	27.14 -0.75 0.00	28.71 -0.77 0.00	30.18 -0.81 0.00	31.05 -0.84 1.60	34.68 -0.85 0.00	35.79 -0.73 0.00	38.41 -0.75 0.00	41.54 -0.72 0.00	43.24 -0.79 0.00	47.97 -0.88 0.00	53.70 -0.93 0.00	58.70 -0.96 0.00	56.01 -0.91 0.00	47.56 -0.82 0.00	39.93 -0.78 2.76	37.69 -0.77 0.00	32.97 -0.74 1.30	32.15 -0.76 0.00
NM_CAPITAL___DRP 24208	30.27 0.82 0.00	27.73 0.70 0.00	25.75 0.65 0.00	24.29 0.62 0.00	24.28 0.62 0.00	25.66 0.63 0.00	28.57 0.67 0.00	30.21 0.74 0.00	31.73 0.74 0.00	34.29 0.80 0.00	36.35 0.82 0.00	37.44 0.91 0.00	40.14 0.98 0.00	43.18 0.93 0.00	45.09 1.06 0.00	50.12 1.27 0.00	56.22 1.58 0.00	61.57 1.91 0.00	58.69 1.76 0.00	50.59 1.60 -0.62	45.49 1.39 -0.63	39.77 1.31 0.00	35.98 0.98 0.00	33.89 0.99 0.00
NM_CENTRAL___DRP 24181	29.35 -0.09 0.00	27.00 -0.03 0.00	25.10 0.00 0.00	23.67 0.00 0.00	23.69 0.02 0.00	25.06 0.03 0.00	27.90 0.00 0.00	29.48 0.00 0.00	30.96 -0.03 0.00	33.63 0.00 -0.15	35.60 0.07 0.00	36.82 0.29 0.00	39.55 0.39 0.00	42.89 0.63 0.00	44.65 0.62 0.00	49.49 0.64 0.00	55.45 0.82 0.00	60.49 0.84 0.00	57.78 0.85 0.00	49.01 0.63 0.00	44.29 0.57 -0.26	38.69 0.23 0.00	35.30 0.18 -0.12	33.00 0.10 0.00

NM_FRONTIER___DRP 24179	28.26 -1.18 0.00	25.81 -1.22 0.00	24.25 -0.85 0.00	22.96 -0.71 0.00	23.10 -0.57 0.00	24.45 -0.58 0.00	26.72 -1.17 0.00	28.06 -1.41 0.00	29.81 -1.18 0.00	32.11 -1.37 0.00	34.54 -0.99 0.00	36.05 -0.47 0.00	38.85 -0.31 0.00	42.93 0.68 0.00	44.03 0.00 0.00	48.76 -0.10 0.00	55.02 0.38 0.00	59.54 -0.12 0.00	57.61 0.68 0.00	48.28 -0.10 0.00	43.17 -0.30 0.00	37.65 -0.81 0.00	34.37 -0.63 0.00	32.58 -0.33 0.00
NM_ST_REGIS___HYD 24053	28.76 -0.68 0.00	26.41 -0.62 0.00	24.47 -0.63 0.00	23.06 -0.62 0.00	23.07 -0.59 0.00	24.45 -0.58 0.00	27.25 -0.64 0.00	28.83 -0.65 0.00	30.24 -0.74 0.00	32.69 -0.84 -0.04	34.75 -0.78 0.00	35.54 -0.99 0.00	37.95 -1.21 0.00	41.03 -1.23 0.00	42.80 -1.23 0.00	46.95 -1.91 0.00	51.79 -2.84 0.00	56.67 -2.98 0.00	54.08 -2.85 0.00	45.91 -2.47 0.00	41.54 -2.00 -0.08	37.00 -1.46 0.00	33.67 -1.37 -0.04	31.49 -1.41 0.00
NORTHPORT___1 23551	34.93 2.27 -3.22	32.14 2.05 -3.06	28.40 1.86 -1.44	25.45 1.78 0.00	26.60 1.70 -1.23	28.35 1.90 -1.42	31.10 2.23 -0.97	34.34 2.33 -2.53	36.08 2.39 -2.70	36.12 2.61 -0.02	37.63 2.10 0.00	35.63 2.37 3.27	35.97 2.19 5.38	36.31 2.41 8.35	45.85 2.42 0.61	51.02 2.64 0.47	56.94 2.95 0.64	61.79 2.92 0.79	58.62 2.39 0.70	50.21 2.18 0.35	45.35 2.09 0.20	40.31 2.00 0.14	36.07 1.09 0.02	34.81 1.91 0.00
NORTHPORT___2 23552	34.93 2.27 -3.22	32.14 2.05 -3.06	28.40 1.86 -1.44	25.45 1.78 0.00	26.60 1.70 -1.23	28.35 1.90 -1.42	31.10 2.23 -0.97	34.34 2.33 -2.53	36.08 2.39 -2.70	36.12 2.61 -0.02	37.63 2.10 0.00	35.63 2.37 3.27	35.63 2.19 5.72	35.63 2.41 9.03	35.63 2.42 10.82	35.63 2.64 15.86	35.63 2.95 21.95	35.63 2.92 26.93	35.63 2.39 23.69	35.63 2.18 14.93	35.63 2.09 9.93	35.63 2.00 4.83	35.63 1.09 0.46	34.81 1.91 0.00
NORTHPORT___3 23553	35.02 2.36 -3.22	32.22 2.13 -3.06	28.50 1.96 -1.44	25.52 1.85 0.00	26.67 1.78 -1.23	28.41 1.95 -1.42	31.16 2.29 -0.97	34.43 2.42 -2.53	36.23 2.54 -2.70	36.18 2.68 -0.02	37.56 2.02 0.00	35.55 2.30 3.28	35.62 2.19 5.73	35.58 2.36 9.04	35.67 2.46 10.83	35.72 2.73 15.87	35.79 3.11 21.96	35.76 3.04 26.94	35.80 2.56 23.70	35.67 2.23 14.93	35.58 2.04 9.93	35.58 1.96 4.83	35.73 1.19 0.47	34.57 1.68 0.01
NORTHPORT___4 23650	35.02 2.36 -3.22	32.22 2.13 -3.06	28.50 1.96 -1.44	25.52 1.85 0.00	26.67 1.78 -1.23	28.41 1.95 -1.42	31.16 2.29 -0.97	34.43 2.42 -2.53	36.23 2.54 -2.70	36.18 2.68 -0.02	37.56 2.02 0.00	35.55 2.30 3.28	35.62 2.19 5.73	35.58 2.36 9.04	35.67 2.46 10.83	35.72 2.73 15.87	35.79 3.11 21.96	35.76 3.04 26.94	35.80 2.56 23.70	35.67 2.23 14.93	35.58 2.04 9.93	35.58 1.96 4.83	35.73 1.19 0.47	34.57 1.68 0.01
NORTHPORT___IC 23718	34.84 2.18 -3.22	32.04 1.95 -3.06	28.27 1.73 -1.44	25.30 1.63 0.00	26.48 1.59 -1.23	28.18 1.73 -1.42	30.90 2.04 -0.97	34.31 2.30 -2.53	36.08 2.39 -2.70	36.05 2.54 -0.02	37.63 2.10 0.00	35.63 2.37 3.27	35.63 2.19 5.72	35.63 2.41 9.03	35.63 2.42 10.82	35.63 2.64 15.86	35.63 2.95 21.95	35.71 2.98 26.93	35.63 2.39 23.69	35.63 2.18 14.93	35.63 2.09 9.93	35.63 2.00 4.83	35.80 1.26 0.46	35.01 2.11 0.00
NORTH___COUNTRY_ESR 323785	29.44 0.00 0.00	27.00 -0.03 0.00	25.03 -0.08 0.00	23.55 -0.12 0.00	23.57 -0.09 0.00	24.98 -0.05 0.00	27.95 0.06 0.00	29.56 0.09 0.00	31.08 0.09 0.00	33.65 0.17 0.00	35.81 0.28 0.00	36.64 0.11 0.00	39.24 0.08 0.00	42.38 0.13 0.00	44.21 0.18 0.00	48.07 -0.78 0.00	53.32 -1.31 0.00	58.23 -1.43 0.00	55.56 -1.37 0.00	47.02 -1.35 0.00	42.60 -0.87 0.00	37.31 -1.15 0.00	34.09 -0.91 0.00	31.82 -1.09 0.00
NPX_GEN_1385_PROXY 323591	34.90 2.24 -3.22	32.20 2.11 -3.06	28.37 1.83 -1.44	25.52 1.85 0.00	26.55 1.66 -1.23	28.41 1.95 -1.42	31.16 2.29 -0.97	34.34 2.33 -2.53	36.08 2.39 -2.70	35.96 2.54 0.07	38.00 2.38 -0.09	36.18 2.92 3.27	36.65 2.94 5.44	37.16 3.38 8.48	45.00 3.44 2.47	49.54 3.96 3.27	55.00 4.70 4.33	63.49 4.77 0.94	66.09 4.21 -4.95	58.08 3.67 -6.03	48.11 3.43 -1.21	40.65 3.19 1.00	36.89 1.89 0.00	35.38 2.57 0.10
NPX_GEN_CSC 323557	34.87 2.21 -3.22	32.14 2.05 -3.06	28.40 1.86 -1.44	25.45 1.78 0.00	26.57 1.68 -1.23	28.41 1.95 -1.42	31.13 2.26 -0.97	34.22 2.21 -2.53	36.23 2.54 -2.70	36.16 2.75 0.07	38.25 2.63 -0.09	39.49 2.96 0.00	41.94 2.78 0.00	45.34 3.08 0.00	47.16 3.13 0.00	52.27 3.42 0.00	58.62 3.99 0.00	63.72 4.06 0.00	60.40 3.47 0.00	51.47 3.00 -0.09	46.35 2.78 -0.10	41.00 2.54 0.00	36.46 1.36 -0.09	34.85 2.04 0.10
NSINS_S_GLNS_FALLS 23858	31.59 2.15 0.00	29.00 1.97 0.00	26.81 1.71 0.00	25.26 1.59 0.00	25.25 1.59 0.00	26.76 1.73 0.00	29.82 1.92 0.00	31.51 2.03 0.00	33.16 2.17 0.00	35.86 2.38 0.00	37.63 2.10 0.00	38.90 2.37 0.00	41.74 2.58 0.00	44.83 2.58 0.00	46.85 2.82 0.00	52.13 3.27 0.00	58.51 3.88 0.00	64.49 4.83 0.00	62.39 5.47 0.00	54.15 4.79 -0.98	48.95 4.48 -1.00	42.15 3.69 0.00	37.87 2.87 0.00	35.41 2.50 0.00
NUCOR_STEEL___DRP 24197	29.76 0.32 0.00	27.38 0.35 0.00	25.43 0.33 0.00	23.98 0.31 0.00	24.02 0.35 0.00	25.41 0.38 0.00	28.26 0.36 0.00	29.89 0.41 0.00	31.36 0.37 0.00	34.17 0.44 -0.25	36.03 0.50 0.00	37.29 0.77 0.00	40.06 0.90 0.00	43.52 1.27 0.00	45.31 1.28 0.00	50.22 1.37 0.00	56.27 1.64 0.00	61.51 1.85 0.00	58.81 1.88 0.00	49.78 1.40 0.00	45.25 1.35 -0.43	39.30 0.85 0.00	35.94 0.74 -0.20	33.46 0.56 0.00
NUMBER_THREE_WT_PWR 323818	29.68 0.23 0.00	27.19 0.16 0.00	25.23 0.13 0.00	23.77 0.10 0.00	23.78 0.12 0.00	25.21 0.18 0.00	28.15 0.25 0.00	29.74 0.26 0.00	31.17 0.19 0.00	33.66 0.07 -0.11	35.57 0.04 0.00	36.71 0.18 0.00	39.36 0.20 0.00	42.59 0.34 0.00	44.38 0.35 0.00	49.29 0.44 0.00	55.07 0.44 0.00	60.25 0.60 0.00	57.78 0.86 0.00	49.25 0.87 0.00	44.62 0.96 -0.19	39.00 0.54 0.00	35.48 0.39 -0.09	33.10 0.20 0.00
NYISO_LBMP_REFERENCE 24008	29.44 0.00 0.00	27.03 0.00 0.00	25.10 0.00 0.00	23.67 0.00 0.00	23.66 0.00 0.00	25.03 0.00 0.00	27.90 0.00 0.00	29.48 0.00 0.00	30.99 0.00 0.00	33.48 0.00 0.00	35.53 0.00 0.00	36.53 0.00 0.00	39.16 0.00 0.00	42.25 0.00 0.00	44.03 0.00 0.00	48.85 0.00 0.00	54.63 0.00 0.00	59.66 0.00 0.00	56.93 0.00 0.00	48.38 0.00 0.00	43.47 0.00 0.00	38.46 0.00 0.00	35.00 0.00 0.00	32.91 0.00 0.00
NYPA_BRENTWD____GT 24164	35.40 2.74 -3.22	32.55 2.46 -3.06	28.80 2.26 -1.44	25.80 2.13 0.00	26.95 2.06 -1.23	28.73 2.28 -1.42	31.52 2.65 -0.97	34.75 2.74 -2.53	36.69 3.00 -2.70	36.75 3.25 -0.02	38.52 2.99 0.00	39.88 3.32 -0.03	42.44 3.25 -0.03	45.88 3.59 -0.03	47.72 3.65 -0.03	52.67 3.81 0.00	58.62 3.99 0.00	63.66 4.00 0.00	60.40 3.47 0.00	51.66 3.19 -0.09	46.86 3.26 -0.12	41.53 3.04 -0.03	36.92 1.92 0.01	35.50 2.60 0.00

NYPA_GOWANUS____GT5 24156	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.25 3.21 0.00	52.81 3.96 0.00	58.78 4.15 0.00	63.77 4.11 0.00	60.57 3.65 0.00	51.90 3.44 -0.09	46.56 3.00 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NYPA_GOWANUS____GT6 24157	31.83 2.38 -0.01	29.11 2.08 0.00	26.93 1.83 0.00	25.35 1.68 0.00	25.27 1.61 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.33 2.84 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.25 3.09 0.00	45.38 3.13 0.00	47.25 3.21 0.00	52.81 3.96 0.00	58.78 4.15 0.00	63.77 4.11 0.00	60.57 3.65 0.00	51.90 3.44 -0.09	46.56 3.00 -0.09	41.42 2.96 0.00	37.45 2.45 0.00	39.22 2.70 -3.61
NYPA_HARLEM__RVR__GT1 24160	31.83 2.38 -0.01	29.15 2.11 -0.01	27.02 1.91 -0.01	25.40 1.73 0.00	25.32 1.66 0.00	26.73 1.70 0.00	29.96 2.06 0.00	31.63 2.15 0.00	33.36 2.39 0.01	36.12 2.64 0.01	38.05 2.52 0.01	39.26 2.74 0.01	41.93 2.78 0.01	45.03 2.79 0.01	46.85 2.82 0.01	52.37 3.52 0.00	58.29 3.66 0.00	63.30 3.64 0.00	60.17 3.24 0.00	51.47 3.00 -0.09	46.20 2.65 -0.08	41.11 2.65 0.00	37.17 2.17 0.00	35.48 2.57 -0.01
NYPA_HARLEM__RVR__GT2 24161	31.83 2.38 -0.01	29.15 2.11 -0.01	27.02 1.91 -0.01	25.40 1.73 0.00	25.32 1.66 0.00	26.73 1.70 0.00	29.96 2.06 0.00	31.63 2.15 0.00	33.36 2.39 0.01	36.12 2.64 0.01	38.05 2.52 0.01	39.26 2.74 0.01	41.93 2.78 0.01	45.03 2.79 0.01	46.85 2.82 0.01	52.37 3.52 0.00	58.29 3.66 0.00	63.30 3.64 0.00	60.17 3.24 0.00	51.47 3.00 -0.09	46.20 2.65 -0.08	41.11 2.65 0.00	37.17 2.17 0.00	35.48 2.57 -0.01
NYPA_KENT____GT 24152	31.77 2.33 -0.01	29.06 2.03 0.00	26.91 1.81 0.00	25.33 1.66 0.00	25.25 1.59 0.00	26.73 1.70 0.00	29.96 2.06 0.00	31.78 2.30 0.00	33.53 2.54 0.00	36.29 2.81 0.00	38.20 2.67 0.00	39.41 2.88 0.00	42.18 3.02 0.00	45.30 3.04 0.00	47.16 3.13 0.00	52.67 3.81 0.00	58.62 3.99 0.00	63.59 3.94 0.00	60.40 3.47 0.00	51.76 3.29 -0.09	46.47 2.91 -0.09	41.30 2.85 0.00	37.38 2.38 0.00	37.58 2.60 -2.07
NYPA_POUCHI____GT 24155	31.72 2.27 -0.01	29.00 1.97 0.00	26.83 1.73 0.00	25.26 1.59 0.00	25.18 1.52 0.00	26.63 1.60 0.00	29.88 1.98 0.00	31.66 2.18 0.00	33.47 2.48 0.00	36.23 2.75 0.00	38.09 2.56 0.00	39.34 2.81 0.00	42.10 2.94 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.67 3.81 0.00	58.62 3.99 0.00	63.59 3.94 0.00	60.40 3.47 0.00	51.76 3.29 -0.09	46.43 2.87 -0.09	41.30 2.85 0.00	37.31 2.31 0.00	39.09 2.57 -3.61
NYPA_VERNON____GT2 24162	31.72 2.27 -0.01	29.00 1.97 0.00	26.86 1.76 0.00	25.30 1.63 0.00	25.22 1.56 0.00	26.73 1.70 0.00	29.96 2.06 0.00	31.75 2.27 0.00	33.50 2.51 0.00	36.23 2.75 0.00	38.20 2.67 0.00	39.41 2.88 0.00	42.13 2.97 0.00	45.25 3.00 0.00	47.07 3.04 0.00	52.56 3.71 0.00	58.51 3.88 0.00	63.48 3.82 0.00	60.34 3.42 0.00	51.66 3.19 -0.09	46.38 2.82 -0.09	41.26 2.81 0.00	37.31 2.31 0.00	35.97 2.53 -0.53
NYPA_VERNON____GT3 24163	31.72 2.27 -0.01	29.00 1.97 0.00	26.86 1.76 0.00	25.30 1.63 0.00	25.22 1.56 0.00	26.73 1.70 0.00	29.96 2.06 0.00	31.75 2.27 0.00	33.50 2.51 0.00	36.23 2.75 0.00	38.20 2.67 0.00	39.41 2.88 0.00	42.13 2.97 0.00	45.25 3.00 0.00	47.07 3.04 0.00	52.56 3.71 0.00	58.51 3.88 0.00	63.48 3.82 0.00	60.34 3.42 0.00	51.66 3.19 -0.09	46.38 2.82 -0.09	41.26 2.81 0.00	37.31 2.31 0.00	35.97 2.53 -0.53
NYPA__ASTORIA_CC1 323568	31.69 2.24 -0.01	28.98 1.95 0.00	26.86 1.76 0.00	25.28 1.61 0.00	25.20 1.54 0.00	26.68 1.65 0.00	29.93 2.04 0.00	31.69 2.21 0.00	33.43 2.45 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.34 2.81 0.00	42.06 2.90 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.36 3.70 0.00	60.17 3.24 0.00	51.52 3.05 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.24 2.24 0.00	35.41 2.50 -0.01
NYPA__ASTORIA_CC2 323569	31.69 2.24 -0.01	28.98 1.95 0.00	26.86 1.76 0.00	25.28 1.61 0.00	25.20 1.54 0.00	26.68 1.65 0.00	29.93 2.04 0.00	31.69 2.21 0.00	33.43 2.45 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.34 2.81 0.00	42.06 2.90 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.36 3.70 0.00	60.17 3.24 0.00	51.52 3.05 -0.09	46.30 2.74 -0.09	41.19 2.73 0.00	37.24 2.24 0.00	35.41 2.50 -0.01
NYPA__HOLTSVILL 23794	35.08 2.41 -3.22	32.25 2.16 -3.06	28.55 2.01 -1.44	25.59 1.92 0.00	26.72 1.82 -1.23	28.51 2.05 -1.42	31.24 2.37 -0.97	34.43 2.42 -2.53	36.38 2.69 -2.70	36.42 2.91 -0.02	38.23 2.70 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.30 3.04 0.00	47.12 3.08 0.00	52.22 3.37 0.00	58.51 3.88 0.00	63.53 3.88 0.00	60.23 3.30 0.00	51.37 2.90 -0.09	46.30 2.74 -0.10	41.00 2.54 0.00	36.53 1.54 0.01	35.11 2.20 0.00
NYPA____HELLGATE_GT1 24158	31.83 2.38 -0.01	29.15 2.11 -0.01	27.02 1.91 -0.01	25.40 1.73 0.00	25.32 1.66 0.00	26.73 1.70 0.00	29.96 2.06 0.00	31.63 2.15 0.00	33.36 2.39 0.01	36.12 2.64 0.01	38.05 2.52 0.01	39.26 2.74 0.01	41.93 2.78 0.01	45.03 2.79 0.01	46.85 2.82 0.01	52.37 3.52 0.00	58.29 3.66 0.00	63.30 3.64 0.00	60.17 3.24 0.00	51.47 3.00 -0.09	46.20 2.65 -0.08	41.11 2.65 0.00	37.17 2.17 0.00	35.48 2.57 -0.01
NYPA____HELLGATE_GT2 24159	31.83 2.38 -0.01	29.15 2.11 -0.01	27.02 1.91 -0.01	25.40 1.73 0.00	25.32 1.66 0.00	26.73 1.70 0.00	29.96 2.06 0.00	31.63 2.15 0.00	33.36 2.39 0.01	36.12 2.64 0.01	38.05 2.52 0.01	39.26 2.74 0.01	41.93 2.78 0.01	45.03 2.79 0.01	46.85 2.82 0.01	52.37 3.52 0.00	58.29 3.66 0.00	63.30 3.64 0.00	60.17 3.24 0.00	51.47 3.00 -0.09	46.20 2.65 -0.08	41.11 2.65 0.00	37.17 2.17 0.00	35.48 2.57 -0.01
NYS_BARGE__HYD 23848	28.97 -0.47 0.00	27.00 -0.03 0.00	25.10 0.00 0.00	23.53 -0.14 0.00	23.76 0.10 0.00	25.03 0.00 0.00	27.39 -0.50 0.00	28.86 -0.62 0.00	30.65 -0.34 0.00	33.01 -0.47 0.00	35.43 -0.11 0.00	37.04 0.51 0.00	39.98 0.82 0.00	44.11 1.86 0.00	45.31 1.28 0.00	50.12 1.27 0.00	56.60 1.96 0.00	61.98 2.32 0.00	59.26 2.33 0.00	49.68 1.31 0.00	44.42 0.96 0.00	39.15 0.69 0.00	35.91 0.91 0.00	33.69 0.79 0.00
OAK ORCHARD__HYD 24046	29.47 0.03 0.00	27.24 0.22 0.00	25.30 0.20 0.00	23.74 0.07 0.00	23.88 0.21 0.00	25.21 0.18 0.00	27.84 -0.06 0.00	29.45 -0.03 0.00	31.14 0.16 0.00	33.68 0.20 0.00	35.99 0.46 0.00	37.51 0.99 0.00	40.41 1.25 0.00	44.20 1.94 0.00	45.71 1.67 0.00	50.66 1.81 0.00	56.82 2.19 0.00	62.28 2.62 0.00	59.49 2.56 0.00	50.07 1.69 0.00	44.90 1.43 0.00	39.46 1.00 0.00	35.95 0.95 0.00	33.60 0.69 0.00

OAKDALE___35_KV_LOAD 356122	29.76 0.32 0.00	27.27 0.24 0.00	25.38 0.28 0.00	23.96 0.28 0.00	23.97 0.31 0.00	25.41 0.38 0.00	28.20 0.31 0.00	29.92 0.44 0.00	31.48 0.50 0.00	34.12 0.54 -0.10	36.17 0.64 0.00	37.44 0.91 0.00	40.18 1.02 0.00	43.65 1.39 0.00	45.40 1.37 0.00	50.42 1.56 0.00	56.55 1.91 0.00	61.63 1.97 0.00	58.98 2.05 0.00	49.96 1.55 -0.04	45.03 1.35 -0.22	39.46 1.00 0.00	35.92 0.84 -0.08	33.56 0.66 0.00
OCC_CHEM___DRP 24175	28.35 -1.09 0.00	25.89 -1.14 0.00	24.30 -0.80 0.00	23.03 -0.64 0.00	23.17 -0.50 0.00	24.53 -0.50 0.00	26.78 -1.12 0.00	28.15 -1.33 0.00	29.90 -1.08 0.00	32.18 -1.31 0.00	34.64 -0.89 0.00	36.16 -0.37 0.00	38.96 -0.20 0.00	43.06 0.80 0.00	44.16 0.13 0.00	48.90 0.05 0.00	55.18 0.55 0.00	59.72 0.06 0.00	57.84 0.91 0.00	48.43 0.05 0.00	43.30 -0.17 0.00	37.77 -0.69 0.00	34.48 -0.53 0.00	32.68 -0.23 0.00
OH_GEN_PROXY 24063	28.65 -0.79 0.00	26.73 -0.30 0.00	24.85 -0.25 0.00	23.29 -0.38 0.00	23.52 -0.14 0.00	24.80 -0.23 0.00	27.17 -0.73 0.00	28.50 -0.97 0.00	30.28 -0.71 0.00	32.56 -0.84 0.09	35.16 -0.46 -0.09	36.60 0.07 0.00	39.44 0.28 0.00	43.52 1.27 0.00	44.69 0.66 0.00	49.54 0.68 0.00	55.83 1.20 0.00	61.21 1.55 0.00	58.52 1.59 0.00	49.05 0.68 0.00	43.86 0.39 0.00	38.65 0.19 0.00	35.45 0.35 -0.10	33.04 0.23 0.10
OLIN_CORP_DRP 24177	28.65 -0.79 0.00	26.14 -0.89 0.00	24.58 -0.53 0.00	23.27 -0.40 0.00	23.40 -0.26 0.00	24.78 -0.25 0.00	27.03 -0.86 0.00	28.44 -1.03 0.00	30.21 -0.77 0.00	32.54 -0.94 0.00	34.96 -0.57 0.00	36.53 0.00 0.00	39.36 0.20 0.00	43.52 1.27 0.00	44.65 0.62 0.00	49.44 0.59 0.00	55.78 1.15 0.00	60.37 0.72 0.00	58.47 1.54 0.00	48.96 0.58 0.00	43.77 0.30 0.00	38.15 -0.31 0.00	34.86 -0.14 0.00	33.04 0.13 0.00
OLIN_CORP_DSASP 323712	28.32 -1.12 0.00	26.46 -0.57 0.00	24.57 -0.53 0.00	23.06 -0.62 0.00	23.26 -0.40 0.00	24.50 -0.53 0.00	26.84 -1.06 0.00	28.12 -1.36 0.00	29.90 -1.09 0.00	32.21 -1.27 0.00	34.65 -0.89 0.00	36.20 -0.33 0.00	39.04 -0.12 0.00	43.05 0.80 0.00	44.16 0.13 0.00	48.90 0.05 0.00	55.18 0.55 0.00	60.43 0.77 0.00	57.84 0.91 0.00	48.43 0.05 0.00	43.30 -0.17 0.00	38.15 -0.31 0.00	34.93 -0.07 0.00	32.81 -0.10 0.00
ONEIDA_HERK_LFGE 323681	30.12 0.68 0.00	27.60 0.57 0.00	25.60 0.50 0.00	24.12 0.45 0.00	24.14 0.47 0.00	25.56 0.53 0.00	28.54 0.64 0.00	30.15 0.68 0.00	31.67 0.68 0.00	34.21 0.67 -0.06	36.21 0.67 0.00	37.40 0.88 0.00	40.14 0.98 0.00	43.39 1.14 0.00	45.31 1.28 0.00	50.32 1.46 0.00	56.27 1.64 0.00	61.57 1.91 0.00	58.86 1.94 0.00	50.07 1.69 0.00	45.18 1.61 -0.10	39.69 1.23 0.00	36.00 0.95 -0.05	33.66 0.76 0.00
ONEIDA___115KV_TB4 55905	30.47 1.03 0.00	27.89 0.86 0.00	25.91 0.80 0.00	24.43 0.76 0.00	24.42 0.76 0.00	25.88 0.85 0.00	28.84 0.95 0.00	30.51 1.03 0.00	32.04 1.05 0.00	34.67 1.10 -0.08	36.67 1.14 0.00	37.95 1.42 0.00	40.77 1.61 0.00	44.16 1.90 0.00	46.10 2.07 0.00	51.25 2.39 0.00	57.37 2.73 0.00	62.64 2.98 0.00	59.95 3.02 0.00	50.94 2.56 0.00	45.96 2.35 -0.14	40.27 1.81 0.00	36.54 1.47 -0.07	34.16 1.25 0.00
ONONDAGA_REF_OCCRA 23987	29.32 -0.12 0.00	26.95 -0.08 0.00	25.05 -0.05 0.00	23.62 -0.05 0.00	23.64 -0.02 0.00	25.01 -0.03 0.00	27.84 -0.06 0.00	29.42 -0.06 0.00	30.92 -0.06 0.00	33.67 0.00 -0.19	35.57 0.04 0.00	36.78 0.26 0.00	39.51 0.35 0.00	42.85 0.59 0.00	44.60 0.57 0.00	49.49 0.64 0.00	55.45 0.82 0.00	60.49 0.84 0.00	57.78 0.85 0.00	48.96 0.58 0.00	44.31 0.52 -0.32	38.69 0.23 0.00	35.29 0.14 -0.15	32.94 0.03 0.00
ONONDAGA___COGEN 23986	29.50 0.06 0.00	27.14 0.11 0.00	25.20 0.10 0.00	23.77 0.09 0.00	23.78 0.12 0.00	25.16 0.13 0.00	28.01 0.11 0.00	29.59 0.12 0.00	31.08 0.09 0.00	33.90 0.13 -0.28	35.71 0.18 0.00	36.93 0.40 0.00	39.67 0.51 0.00	43.01 0.76 0.00	44.83 0.79 0.00	49.68 0.83 0.00	55.67 1.04 0.00	60.73 1.07 0.00	58.01 1.08 0.00	49.15 0.77 0.00	44.69 0.74 -0.49	38.84 0.38 0.00	35.55 0.32 -0.23	33.14 0.23 0.00
ONTARIO___LFGE 23819	29.88 0.44 0.00	27.62 0.59 0.00	25.63 0.53 0.00	24.07 0.40 0.00	24.18 0.52 0.00	25.61 0.58 0.00	28.42 0.53 0.00	30.07 0.59 0.00	31.61 0.62 0.00	34.31 0.74 -0.09	36.42 0.89 0.00	37.84 1.31 0.00	40.73 1.57 0.00	44.53 2.28 0.00	46.15 2.11 0.00	51.15 2.30 0.00	57.47 2.84 0.00	63.06 3.40 0.00	60.23 3.30 0.00	50.75 2.37 0.00	45.76 2.13 -0.16	40.00 1.54 0.00	36.41 1.33 -0.08	33.86 0.95 0.00
ORANGEVILLE_WT_PWR 323706	29.44 0.00 0.00	27.38 0.35 0.00	25.43 0.33 0.00	23.84 0.17 0.00	24.02 0.36 0.00	25.38 0.35 0.00	27.92 0.03 0.00	29.51 0.03 0.00	31.23 0.25 0.00	33.68 0.20 0.00	36.10 0.57 0.00	37.66 1.13 0.00	40.61 1.45 0.00	44.70 2.45 0.00	46.02 1.98 0.00	50.95 2.10 0.00	57.42 2.78 0.00	62.76 3.10 0.00	60.06 3.13 0.00	50.41 2.03 0.00	45.12 1.65 0.00	39.73 1.27 0.00	36.19 1.19 0.00	33.86 0.95 0.00
ORANGEVILLE___ESR 323794	29.44 0.00 0.00	27.38 0.35 0.00	25.43 0.33 0.00	23.84 0.17 0.00	24.02 0.36 0.00	25.38 0.35 0.00	27.92 0.03 0.00	29.51 0.03 0.00	31.23 0.25 0.00	33.68 0.20 0.00	36.10 0.57 0.00	37.66 1.13 0.00	40.61 1.45 0.00	44.70 2.45 0.00	46.02 1.98 0.00	50.95 2.10 0.00	57.42 2.78 0.00	62.76 3.10 0.00	60.06 3.13 0.00	50.41 2.03 0.00	45.12 1.65 0.00	39.73 1.27 0.00	36.19 1.19 0.00	33.86 0.95 0.00
OSWEGATCHIE___HYD 24044	28.94 -0.50 0.00	26.51 -0.51 0.00	24.57 -0.53 0.00	23.17 -0.50 0.00	23.19 -0.47 0.00	24.58 -0.45 0.00	27.39 -0.50 0.00	28.97 -0.50 0.00	30.37 -0.62 0.00	32.81 -0.77 -0.09	34.72 -0.82 0.00	35.69 -0.84 0.00	38.18 -0.98 0.00	41.28 -0.97 0.00	43.06 -0.97 0.00	47.63 -1.22 0.00	52.88 -1.75 0.00	57.81 -1.85 0.00	55.33 -1.59 0.00	47.17 -1.21 0.00	42.72 -0.91 -0.16	37.34 -1.12 0.00	34.27 -0.80 -0.08	32.02 -0.89 0.00
OSWEGO___5 23606	28.91 -0.53 0.00	26.57 -0.46 0.00	24.68 -0.43 0.00	23.27 -0.40 0.00	23.28 -0.38 0.00	24.58 -0.45 0.00	27.36 -0.53 0.00	28.95 -0.53 0.00	30.46 -0.53 0.00	34.09 -0.57 -1.17	34.96 -0.57 0.00	36.09 -0.44 0.00	38.73 -0.43 0.00	41.91 -0.34 0.00	43.64 -0.40 0.00	48.41 -0.44 0.00	54.19 -0.44 0.00	59.24 -0.41 0.00	56.53 -0.40 0.00	47.94 -0.44 0.00	45.10 -0.39 -2.03	38.04 -0.42 0.00	35.54 -0.42 -0.95	32.44 -0.46 0.00
OSWEGO___6 23613	28.91 -0.53 0.00	26.57 -0.46 0.00	24.68 -0.43 0.00	23.27 -0.40 0.00	23.28 -0.38 0.00	24.58 -0.45 0.00	27.36 -0.53 0.00	28.95 -0.53 0.00	30.46 -0.53 0.00	34.09 -0.57 -1.17	34.96 -0.57 0.00	36.09 -0.44 0.00	38.73 -0.43 0.00	41.91 -0.34 0.00	43.64 -0.40 0.00	48.41 -0.44 0.00	54.19 -0.44 0.00	59.24 -0.41 0.00	56.53 -0.40 0.00	47.94 -0.44 0.00	45.10 -0.39 -2.03	38.04 -0.42 0.00	35.54 -0.42 -0.95	32.44 -0.46 0.00

OUTOKUMPU-AB___DRP 24206	29.26 -0.18 0.00	26.65 -0.38 0.00	25.00 -0.10 0.00	23.70 0.02 0.00	23.80 0.14 0.00	25.23 0.20 0.00	27.56 -0.33 0.00	29.12 -0.35 0.00	30.96 -0.03 0.00	33.31 -0.17 0.00	35.85 0.32 0.00	37.51 0.99 0.00	40.49 1.33 0.00	44.62 2.37 0.00	45.75 1.72 0.00	50.66 1.81 0.00	57.26 2.62 0.00	61.81 2.15 0.00	59.83 2.90 0.00	50.12 1.74 0.00	44.82 1.35 0.00	39.07 0.62 0.00	35.67 0.67 0.00	33.76 0.86 0.00
OXBOW___BTM 323836	28.79 -0.65 0.00	26.87 -0.16 0.00	24.95 -0.15 0.00	23.39 -0.28 0.00	23.62 -0.05 0.00	24.88 -0.15 0.00	27.23 -0.67 0.00	28.65 -0.83 0.00	30.46 -0.53 0.00	32.81 -0.67 0.00	35.29 -0.25 0.00	36.89 0.37 0.00	39.87 0.71 0.00	43.90 1.65 0.00	45.05 1.01 0.00	49.88 1.03 0.00	56.33 1.70 0.00	61.69 2.03 0.00	58.92 1.99 0.00	49.34 0.97 0.00	44.12 0.65 0.00	38.88 0.42 0.00	35.60 0.59 0.00	33.37 0.46 0.00
OXBOW___ 24026	28.82 -0.62 0.00	26.27 -0.76 0.00	24.68 -0.43 0.00	23.36 -0.31 0.00	23.50 -0.17 0.00	24.88 -0.15 0.00	27.20 -0.70 0.00	28.65 -0.83 0.00	30.46 -0.53 0.00	32.78 -0.70 0.00	35.28 -0.25 0.00	36.89 0.37 0.00	39.79 0.63 0.00	43.90 1.65 0.00	45.05 1.01 0.00	49.88 1.03 0.00	56.33 1.69 0.00	60.91 1.25 0.00	58.92 1.99 0.00	49.35 0.97 0.00	44.12 0.65 0.00	38.46 0.00 0.00	35.11 0.11 0.00	33.23 0.33 0.00
OXY_CHEM_DSASP 323612	28.35 -1.09 0.00	25.89 -1.14 0.00	24.30 -0.80 0.00	23.03 -0.64 0.00	23.17 -0.50 0.00	24.53 -0.50 0.00	26.78 -1.12 0.00	28.15 -1.33 0.00	29.90 -1.08 0.00	32.18 -1.31 0.00	34.64 -0.89 0.00	36.16 -0.37 0.00	38.96 -0.20 0.00	43.06 0.80 0.00	44.16 0.13 0.00	48.90 0.05 0.00	55.18 0.55 0.00	59.72 0.06 0.00	57.84 0.91 0.00	48.43 0.05 0.00	43.30 -0.17 0.00	37.77 -0.69 0.00	34.48 -0.53 0.00	32.68 -0.23 0.00
OZONE_PARK_ESR 323760	31.86 2.41 0.00	29.05 2.03 0.00	26.88 1.78 0.00	25.33 1.66 0.00	25.25 1.59 0.00	26.73 1.70 0.00	29.99 2.09 0.00	31.95 2.48 0.00	33.71 2.73 0.00	36.46 2.98 0.00	38.52 2.98 0.00	39.78 3.25 0.00	42.53 3.37 0.00	45.68 3.42 0.00	47.60 3.57 0.00	53.15 4.30 0.00	59.22 4.59 0.00	64.37 4.71 0.00	61.14 4.21 0.00	52.34 3.87 -0.09	46.95 3.39 -0.09	41.65 3.19 0.00	37.80 2.80 0.00	35.70 2.80 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.35 -1.09 0.00	25.89 -1.14 0.00	24.30 -0.80 0.00	23.03 -0.64 0.00	23.17 -0.50 0.00	24.53 -0.50 0.00	26.78 -1.12 0.00	28.15 -1.33 0.00	29.90 -1.08 0.00	32.18 -1.31 0.00	34.64 -0.89 0.00	36.16 -0.37 0.00	38.96 -0.20 0.00	43.06 0.80 0.00	44.16 0.13 0.00	48.90 0.05 0.00	55.18 0.55 0.00	59.72 0.06 0.00	57.84 0.91 0.00	48.43 0.05 0.00	43.30 -0.17 0.00	37.77 -0.69 0.00	34.48 -0.53 0.00	32.68 -0.23 0.00
PACKARD___115KV_DUPONT_184 80571	28.35 -1.09 0.00	25.89 -1.14 0.00	24.30 -0.80 0.00	23.03 -0.64 0.00	23.17 -0.50 0.00	24.53 -0.50 0.00	26.78 -1.12 0.00	28.15 -1.33 0.00	29.90 -1.08 0.00	32.18 -1.31 0.00	34.64 -0.89 0.00	36.16 -0.37 0.00	38.96 -0.20 0.00	43.06 0.80 0.00	44.16 0.13 0.00	48.90 0.05 0.00	55.18 0.55 0.00	59.72 0.06 0.00	57.84 0.91 0.00	48.43 0.05 0.00	43.30 -0.17 0.00	37.77 -0.69 0.00	34.48 -0.53 0.00	32.68 -0.23 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.75 2.30 -0.01	28.98 1.95 -0.01	26.82 1.71 -0.01	25.23 1.56 0.00	25.15 1.49 0.00	26.51 1.48 0.00	29.65 1.76 0.00	31.54 2.06 0.00	33.31 2.32 0.00	36.06 2.58 0.00	38.02 2.49 0.00	39.19 2.67 0.00	41.90 2.74 0.00	44.96 2.70 0.00	46.81 2.77 0.00	52.27 3.42 0.00	58.18 3.55 0.00	63.18 3.52 0.00	60.00 3.07 0.00	51.37 2.90 -0.09	46.13 2.56 -0.09	40.96 2.50 0.00	37.42 2.42 0.00	35.48 2.57 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.10 2.65 -0.01	29.28 2.24 -0.01	27.12 2.01 -0.01	25.49 1.82 0.00	25.41 1.75 0.00	26.78 1.75 0.00	29.93 2.04 0.00	31.83 2.36 0.00	33.59 2.60 0.00	36.33 2.85 0.00	38.34 2.81 0.00	39.56 3.03 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.33 3.30 0.00	52.91 4.05 0.00	58.84 4.21 0.00	63.89 4.24 0.00	60.74 3.81 0.00	51.95 3.48 -0.09	46.65 3.09 -0.09	41.46 3.00 0.00	37.84 2.84 0.00	35.91 2.99 -0.01
PATROON___115KV_TB1 80586	30.32 0.88 0.00	27.81 0.78 0.00	25.81 0.70 0.00	24.33 0.66 0.00	24.30 0.64 0.00	25.68 0.65 0.00	28.62 0.73 0.00	30.27 0.80 0.00	31.82 0.84 0.00	34.39 0.90 0.00	36.42 0.89 0.00	37.55 1.02 0.00	40.26 1.10 0.00	43.31 1.06 0.00	45.22 1.19 0.00	50.32 1.47 0.00	56.44 1.80 0.00	61.81 2.15 0.00	58.92 1.99 0.00	50.84 1.79 -0.67	45.72 1.56 -0.68	39.88 1.42 0.00	36.05 1.05 0.00	33.96 1.05 0.00
PATTRSNVILLE___SOLAR 323815	30.77 1.33 0.00	28.25 1.22 0.00	26.18 1.08 0.00	24.69 1.02 0.00	24.68 1.02 0.00	26.16 1.13 0.00	29.12 1.23 0.00	30.74 1.27 0.00	32.23 1.24 0.00	34.82 1.34 0.00	36.85 1.32 0.00	38.06 1.53 0.00	40.80 1.64 0.00	43.95 1.69 0.00	45.84 1.81 0.00	50.90 2.05 0.00	57.03 2.40 0.00	62.52 2.86 0.00	59.94 3.02 0.00	52.17 2.71 -1.08	47.00 2.43 -1.10	40.65 2.19 0.00	36.68 1.68 0.00	34.45 1.55 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.41 -0.03 0.00	26.78 -0.24 0.00	25.08 -0.03 0.00	23.77 0.09 0.00	23.88 0.21 0.00	25.36 0.33 0.00	27.73 -0.17 0.00	29.53 0.06 0.00	31.33 0.34 0.00	33.75 0.27 0.00	36.31 0.78 0.00	37.99 1.46 0.00	40.92 1.76 0.00	45.25 3.00 0.00	46.50 2.47 0.00	51.59 2.74 0.00	58.24 3.61 0.00	62.88 3.22 0.00	60.80 3.87 0.00	50.94 2.56 0.00	45.56 2.09 0.00	39.57 1.12 0.00	36.09 1.09 0.00	33.86 0.95 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.62 2.18 0.00	28.87 1.84 0.00	26.71 1.61 0.00	25.19 1.51 0.00	25.11 1.44 0.00	26.53 1.50 0.00	29.76 1.87 0.00	31.54 2.06 0.00	33.25 2.26 0.00	35.99 2.51 0.00	38.09 2.56 0.00	39.37 2.85 0.00	42.29 3.13 0.00	45.46 3.21 0.00	47.42 3.39 0.00	52.86 4.01 0.00	59.17 4.53 0.00	64.55 4.89 0.00	61.37 4.44 0.00	52.34 3.87 -0.09	46.87 3.30 -0.10	41.46 3.00 0.00	37.49 2.49 0.00	35.31 2.40 0.00
PEEKSKILL___ 23653	31.21 1.77 0.00	28.59 1.57 0.00	26.53 1.43 0.00	25.02 1.35 0.00	24.96 1.30 0.00	26.46 1.43 0.00	29.60 1.70 0.00	31.24 1.77 0.00	32.91 1.92 0.00	35.56 2.08 0.00	37.59 2.06 0.00	38.79 2.27 0.00	41.51 2.35 0.00	44.66 2.41 0.00	46.54 2.51 0.00	51.88 3.03 0.00	57.97 3.33 0.00	63.12 3.46 0.00	60.00 3.07 0.00	51.27 2.80 -0.09	45.99 2.43 -0.09	40.84 2.39 0.00	36.82 1.82 0.00	34.81 1.91 0.00
PGE MADISON___WINDPWR 24146	32.12 2.68 0.00	29.43 2.40 0.00	27.28 2.18 0.00	25.66 1.99 0.00	25.65 1.99 0.00	27.23 2.20 0.00	30.41 2.51 0.00	32.25 2.77 0.00	33.71 2.73 0.00	36.34 2.75 -0.11	38.38 2.84 0.00	39.92 3.40 0.00	42.92 3.76 0.00	46.69 4.44 0.00	48.79 4.76 0.00	54.32 5.47 0.00	60.86 6.23 0.00	66.69 7.04 0.00	63.99 7.06 0.00	54.38 5.95 -0.06	49.20 5.48 -0.25	42.84 4.38 0.00	38.70 3.61 -0.09	35.90 2.99 0.00

PIERCEFIELD___HYD 23852	28.56 -0.88 0.00	26.22 -0.81 0.00	24.32 -0.78 0.00	22.91 -0.76 0.00	22.93 -0.73 0.00	24.28 -0.75 0.00	27.03 -0.86 0.00	28.56 -0.91 0.00	29.96 -1.02 0.00	32.39 -1.14 -0.05	34.36 -1.17 0.00	35.14 -1.39 0.00	37.51 -1.64 0.00	40.56 -1.69 0.00	42.32 -1.72 0.00	46.56 -2.30 0.00	51.30 -3.33 0.00	56.08 -3.58 0.00	53.57 -3.36 0.00	45.52 -2.85 0.00	41.16 -2.39 -0.08	36.77 -1.69 0.00	33.50 -1.54 -0.04	31.36 -1.55 0.00
PINELAWN_CC_1 323563	35.25 2.59 -3.22	32.41 2.32 -3.06	28.67 2.13 -1.44	25.68 2.01 0.00	26.84 1.94 -1.23	28.61 2.15 -1.42	31.38 2.51 -0.97	34.63 2.62 -2.53	36.54 2.85 -2.70	36.58 3.08 -0.02	38.02 2.49 0.00	39.30 2.77 0.00	41.86 2.70 0.00	45.21 2.96 0.00	46.86 2.82 0.00	51.98 3.13 0.00	58.18 3.55 0.00	63.24 3.58 0.00	60.00 3.07 0.00	51.13 2.66 -0.09	46.09 2.52 -0.10	41.00 2.54 0.00	36.64 1.65 0.01	35.40 2.50 0.00
PJM_GEN_HTTP_PROXY 323702	31.50 2.06 0.00	28.84 1.81 0.00	26.73 1.63 0.00	25.19 1.52 0.00	25.13 1.47 0.00	26.66 1.63 0.00	29.85 1.95 0.00	31.60 2.12 0.00	33.31 2.33 0.00	35.94 2.54 0.09	38.14 2.52 -0.09	39.27 2.74 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.98 2.95 0.00	52.42 3.56 0.00	58.46 3.82 0.00	63.53 3.88 0.00	60.34 3.42 0.00	51.61 3.14 -0.09	46.30 2.74 -0.09	41.15 2.69 0.00	37.23 2.14 -0.10	35.08 2.27 0.10
PJM_GEN_KEystone 24065	29.97 0.53 0.00	27.65 0.62 0.00	25.68 0.58 0.00	24.19 0.52 0.00	24.23 0.57 0.00	25.68 0.65 0.00	28.48 0.59 0.00	30.07 0.59 0.00	31.70 0.71 0.00	34.17 0.77 0.09	36.54 0.92 -0.09	37.77 1.24 0.00	40.49 1.33 0.00	44.03 1.77 0.00	45.66 1.63 0.00	50.81 1.96 0.00	56.98 2.35 0.00	62.10 2.45 0.00	59.26 2.33 0.00	50.22 1.79 -0.06	45.00 1.48 -0.06	39.92 1.46 0.00	36.22 1.12 -0.10	33.83 1.02 0.10
PJM_GEN_NEPTUNE_PROXY 323594	33.38 2.21 -1.73	30.64 1.97 -1.64	27.68 1.81 -0.77	25.38 1.71 0.00	25.96 1.63 -0.66	27.60 1.80 -0.76	30.54 2.12 -0.52	33.07 2.24 -1.36	34.89 2.45 -1.45	36.05 2.64 0.08	38.00 2.38 -0.09	39.23 2.70 0.00	41.78 2.62 0.00	45.08 2.83 0.00	46.94 2.91 0.00	52.13 3.27 0.00	58.29 3.66 0.00	63.30 3.64 0.00	60.11 3.19 0.00	51.27 2.80 -0.09	46.08 2.52 -0.09	40.88 2.42 0.00	36.81 1.71 -0.09	34.95 2.14 0.10
PJM_GEN_VFT_PROXY 323633	31.41 1.97 0.00	28.76 1.73 0.00	26.66 1.56 0.00	25.12 1.44 0.00	25.06 1.40 0.00	26.58 1.55 0.00	29.79 1.90 0.00	31.54 2.06 0.00	33.22 2.23 0.00	35.84 2.44 0.09	38.00 2.38 -0.09	39.08 2.56 0.00	41.78 2.62 0.00	44.83 2.58 0.00	46.72 2.69 0.00	52.18 3.32 0.00	58.13 3.50 0.00	63.12 3.46 0.00	60.00 3.07 0.00	51.37 2.90 -0.09	46.08 2.52 -0.09	41.00 2.54 0.00	37.16 2.06 -0.10	35.05 2.24 0.10
PLATSBURG_115KV_PMLD1 355749	30.27 0.82 0.00	27.76 0.73 0.00	25.70 0.60 0.00	24.17 0.50 0.00	24.23 0.57 0.00	25.68 0.65 0.00	28.79 0.89 0.00	30.48 1.00 0.00	32.04 1.05 0.00	34.69 1.21 0.00	37.02 1.49 0.00	37.95 1.42 0.00	40.65 1.49 0.00	43.99 1.73 0.00	45.88 1.85 0.00	49.00 0.15 0.00	54.14 -0.49 0.00	59.06 -0.60 0.00	56.42 -0.51 0.00	47.60 -0.77 0.00	43.43 -0.04 0.00	38.15 -0.31 0.00	34.55 -0.46 0.00	32.08 -0.82 0.00
PLEASANTVLY___LBMP 24000	31.03 1.59 0.00	28.38 1.35 0.00	26.31 1.20 0.00	24.81 1.14 0.00	24.75 1.09 0.00	26.18 1.15 0.00	29.26 1.37 0.00	31.04 1.56 0.00	32.69 1.70 0.00	35.32 1.84 0.00	37.38 1.85 0.00	38.50 1.97 0.00	41.24 2.08 0.00	44.32 2.07 0.00	46.23 2.20 0.00	51.49 2.64 0.00	57.58 2.95 0.00	62.82 3.16 0.00	59.72 2.79 0.00	51.04 2.56 -0.10	45.78 2.22 -0.10	40.57 2.12 0.00	36.75 1.75 0.00	34.72 1.81 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.33 1.88 0.00	28.62 1.59 0.00	26.51 1.41 0.00	25.00 1.33 0.00	24.92 1.25 0.00	26.41 1.38 0.00	29.54 1.65 0.00	31.36 1.89 0.00	33.09 2.11 0.00	35.76 2.28 0.00	37.84 2.31 0.00	39.01 2.48 0.00	41.78 2.62 0.00	44.92 2.66 0.00	46.81 2.77 0.00	52.17 3.32 0.00	58.35 3.72 0.00	63.54 3.88 0.00	60.34 3.42 0.00	51.56 3.10 -0.09	46.21 2.65 -0.09	40.96 2.50 0.00	37.10 2.10 0.00	35.04 2.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.33 1.88 0.00	28.62 1.59 0.00	26.51 1.41 0.00	25.00 1.33 0.00	24.92 1.25 0.00	26.41 1.38 0.00	29.54 1.65 0.00	31.36 1.89 0.00	33.09 2.11 0.00	35.76 2.28 0.00	37.84 2.31 0.00	39.01 2.48 0.00	41.78 2.62 0.00	44.92 2.66 0.00	46.81 2.77 0.00	52.17 3.32 0.00	58.35 3.72 0.00	63.54 3.88 0.00	60.34 3.42 0.00	51.56 3.10 -0.09	46.21 2.65 -0.09	40.96 2.50 0.00	37.10 2.10 0.00	35.04 2.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.24 1.80 0.00	28.57 1.54 0.00	26.48 1.38 0.00	24.97 1.30 0.00	24.92 1.25 0.00	26.33 1.30 0.00	29.43 1.53 0.00	31.16 1.68 0.00	32.88 1.89 0.00	35.52 2.04 0.00	37.59 2.06 0.00	38.68 2.15 0.00	41.51 2.35 0.00	44.62 2.37 0.00	46.54 2.51 0.00	51.88 3.03 0.00	58.08 3.44 0.00	63.42 3.76 0.00	60.34 3.42 0.00	51.53 3.05 -0.10	46.18 2.61 -0.10	40.84 2.38 0.00	37.00 2.00 0.00	34.95 2.04 0.00
POLETTI_____ 23519	31.50 2.06 0.00	28.73 1.70 0.00	26.61 1.51 0.00	25.07 1.40 0.00	24.99 1.33 0.00	26.46 1.43 0.00	29.65 1.76 0.00	31.57 2.09 0.00	33.31 2.32 0.00	36.03 2.54 0.00	38.05 2.52 0.00	39.26 2.74 0.00	41.98 2.82 0.00	45.04 2.79 0.00	46.94 2.91 0.00	52.37 3.52 0.00	58.40 3.77 0.00	63.48 3.82 0.00	60.23 3.30 0.00	51.56 3.10 -0.09	46.26 2.70 -0.09	41.07 2.62 0.00	37.31 2.31 0.00	35.27 2.37 0.00
POMONA___ESR 323819	31.06 1.62 0.00	28.49 1.46 0.00	26.46 1.35 0.00	24.97 1.30 0.00	24.92 1.25 0.00	26.38 1.35 0.00	29.49 1.59 0.00	31.07 1.59 0.00	32.72 1.73 0.00	35.39 1.91 0.00	37.38 1.85 0.00	38.53 2.01 0.00	41.27 2.11 0.00	44.41 2.15 0.00	46.32 2.29 0.00	51.64 2.78 0.00	57.69 3.06 0.00	62.82 3.16 0.00	59.72 2.79 0.00	51.03 2.56 -0.09	45.77 2.22 -0.09	40.61 2.15 0.00	36.65 1.65 0.00	34.65 1.74 0.00
PORT_JEFF_3 23555	35.20 2.53 -3.22	32.36 2.27 -3.06	28.62 2.08 -1.44	25.66 1.99 0.00	26.81 1.92 -1.23	28.58 2.13 -1.42	31.35 2.48 -0.97	34.54 2.54 -2.53	36.51 2.82 -2.70	36.55 3.05 -0.02	38.41 2.88 0.00	39.60 3.07 0.00	41.90 2.74 0.00	45.30 3.04 0.00	47.12 3.08 0.00	52.08 3.22 0.00	58.35 3.72 0.00	63.36 3.70 0.00	60.11 3.19 0.00	51.22 2.76 -0.09	46.26 2.70 -0.10	40.96 2.50 0.00	36.57 1.58 0.01	35.17 2.27 0.00
PORT_JEFF_4 23616	35.20 2.53 -3.22	32.36 2.27 -3.06	28.62 2.08 -1.44	25.66 1.99 0.00	26.81 1.92 -1.23	28.58 2.13 -1.42	31.35 2.48 -0.97	34.54 2.54 -2.53	36.51 2.82 -2.70	36.55 3.05 -0.02	38.41 2.88 0.00	39.60 3.07 0.00	41.90 2.74 0.00	45.30 3.04 0.00	47.12 3.08 0.00	52.08 3.22 0.00	58.35 3.72 0.00	63.36 3.70 0.00	60.11 3.19 0.00	51.22 2.76 -0.09	46.26 2.70 -0.10	40.96 2.50 0.00	36.57 1.58 0.01	35.17 2.27 0.00

PORT_JEFF_IC 23713	35.20 2.53 -3.22	32.31 2.22 -3.06	28.53 1.98 -1.44	25.57 1.89 0.00	26.72 1.82 -1.23	28.46 2.00 -1.42	31.18 2.32 -0.97	34.54 2.53 -2.53	36.54 2.85 -2.70	36.58 3.08 -0.02	38.48 2.95 0.00	39.74 3.21 0.00	42.10 2.94 0.00	45.51 3.25 0.00	47.34 3.30 0.00	52.13 3.27 0.00	58.46 3.82 0.00	63.54 3.88 0.00	60.17 3.24 0.00	51.27 2.81 -0.09	46.48 2.91 -0.10	41.12 2.65 0.00	36.85 1.86 0.01	35.47 2.57 0.00
PPL PILGRIM_ST_GT1 24216	35.40 2.74 -3.22	32.55 2.46 -3.06	28.80 2.26 -1.44	25.80 2.13 0.00	26.95 2.06 -1.23	28.73 2.28 -1.42	31.52 2.65 -0.97	34.75 2.74 -2.53	36.69 3.00 -2.70	36.75 3.25 -0.02	38.52 2.99 0.00	39.88 3.32 -0.03	42.44 3.25 -0.03	45.88 3.59 -0.03	47.72 3.65 -0.03	52.67 3.81 0.00	58.62 3.99 0.00	63.66 4.00 0.00	60.40 3.47 0.00	51.66 3.19 -0.09	46.86 3.26 -0.12	41.53 3.04 -0.03	36.92 1.92 0.01	35.50 2.60 0.00
PPL PILGRIM_ST_GT2 24217	35.40 2.74 -3.22	32.55 2.46 -3.06	28.80 2.26 -1.44	25.80 2.13 0.00	26.95 2.06 -1.23	28.73 2.28 -1.42	31.52 2.65 -0.97	34.75 2.74 -2.53	36.69 3.00 -2.70	36.75 3.25 -0.02	38.52 2.99 0.00	39.88 3.32 -0.03	42.44 3.25 -0.03	45.88 3.59 -0.03	47.72 3.65 -0.03	52.67 3.81 0.00	58.62 3.99 0.00	63.66 4.00 0.00	60.40 3.47 0.00	51.66 3.19 -0.09	46.86 3.26 -0.12	41.53 3.04 -0.03	36.92 1.92 0.01	35.50 2.60 0.00
PPL_SHRM_GT3 24213	34.90 2.24 -3.22	32.14 2.05 -3.06	28.40 1.86 -1.44	25.47 1.80 0.00	26.60 1.70 -1.23	28.43 1.98 -1.42	31.16 2.29 -0.97	34.22 2.21 -2.53	36.26 2.57 -2.70	36.25 2.75 -0.02	38.20 2.67 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.34 3.08 0.00	47.16 3.13 0.00	52.37 3.52 0.00	58.73 4.10 0.00	63.83 4.17 0.00	60.52 3.59 0.00	51.57 3.10 -0.09	46.39 2.82 -0.10	41.04 2.58 0.00	36.40 1.40 0.01	34.98 2.07 0.00
PPL_SHRM_GT4 24214	34.90 2.24 -3.22	32.14 2.05 -3.06	28.40 1.86 -1.44	25.47 1.80 0.00	26.60 1.70 -1.23	28.43 1.98 -1.42	31.16 2.29 -0.97	34.22 2.21 -2.53	36.26 2.57 -2.70	36.25 2.75 -0.02	38.20 2.67 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.34 3.08 0.00	47.16 3.13 0.00	52.37 3.52 0.00	58.73 4.10 0.00	63.83 4.17 0.00	60.52 3.59 0.00	51.57 3.10 -0.09	46.39 2.82 -0.10	41.04 2.58 0.00	36.40 1.40 0.01	34.98 2.07 0.00
PROJECT___ORANGE 1 24174	29.38 -0.06 0.00	27.00 -0.03 0.00	25.10 0.00 0.00	23.67 0.00 0.00	23.71 0.05 0.00	25.06 0.03 0.00	27.90 0.00 0.00	29.48 0.00 0.00	30.99 0.00 0.00	33.66 0.03 -0.15	35.64 0.11 0.00	36.85 0.33 0.00	39.59 0.43 0.00	42.93 0.68 0.00	44.69 0.66 0.00	49.54 0.68 0.00	55.51 0.87 0.00	60.55 0.89 0.00	57.84 0.91 0.00	49.01 0.63 0.00	44.29 0.57 -0.26	38.69 0.23 0.00	35.30 0.18 -0.12	33.00 0.10 0.00
PROJECT___ORANGE 2 24166	29.38 -0.06 0.00	27.00 -0.03 0.00	25.10 0.00 0.00	23.67 0.00 0.00	23.71 0.05 0.00	25.06 0.03 0.00	27.90 0.00 0.00	29.48 0.00 0.00	30.99 0.00 0.00	33.66 0.03 -0.15	35.64 0.11 0.00	36.85 0.33 0.00	39.59 0.43 0.00	42.93 0.68 0.00	44.69 0.66 0.00	49.54 0.68 0.00	55.51 0.87 0.00	60.55 0.89 0.00	57.84 0.91 0.00	49.01 0.63 0.00	44.29 0.57 -0.26	38.69 0.23 0.00	35.30 0.18 -0.12	33.00 0.10 0.00
PUCKETT___SOLAR 323809	30.35 0.91 0.00	27.92 0.89 0.00	25.91 0.80 0.00	24.38 0.71 0.00	24.42 0.76 0.00	25.88 0.85 0.00	28.79 0.89 0.00	30.48 1.00 0.00	31.95 0.96 0.00	34.55 0.97 -0.10	36.56 1.03 0.00	37.84 1.31 0.00	40.65 1.49 0.00	44.16 1.90 0.00	45.97 1.94 0.00	51.10 2.25 0.00	57.36 2.73 0.00	62.82 3.16 0.00	60.11 3.19 0.00	51.04 2.61 -0.05	46.08 2.39 -0.22	40.42 1.96 0.00	36.69 1.61 -0.08	34.19 1.28 0.00
PYRITES___HYD 24023	29.15 -0.29 0.00	26.73 -0.30 0.00	24.80 -0.30 0.00	23.39 -0.28 0.00	23.38 -0.28 0.00	24.81 -0.23 0.00	27.64 -0.25 0.00	29.24 -0.24 0.00	30.61 -0.37 0.00	33.02 -0.50 -0.04	35.03 -0.50 0.00	35.79 -0.73 0.00	38.26 -0.90 0.00	41.41 -0.85 0.00	43.28 -0.75 0.00	47.58 -1.27 0.00	52.45 -2.19 0.00	57.33 -2.33 0.00	54.76 -2.16 0.00	46.64 -1.74 0.00	42.24 -1.30 -0.08	37.65 -0.81 0.00	34.27 -0.77 -0.04	32.05 -0.86 0.00
QUAKERRD_115KV_BK1 80622	28.88 -0.56 0.00	26.46 -0.57 0.00	24.68 -0.43 0.00	23.29 -0.38 0.00	23.36 -0.31 0.00	24.73 -0.30 0.00	27.34 -0.56 0.00	28.89 -0.59 0.00	30.49 -0.50 0.00	33.01 -0.47 0.00	35.25 0.15 0.00	36.67 0.31 0.00	39.47 0.85 0.00	43.10 0.62 0.00	44.65 0.59 0.00	49.44 0.87 0.00	55.51 0.87 0.00	60.43 0.78 0.00	58.07 1.14 0.00	48.91 0.53 0.00	43.86 0.39 0.00	38.34 -0.12 0.00	34.86 -0.14 0.00	32.74 -0.16 0.00
QUENSBRY_115KV_TB8 356137	31.59 2.15 0.00	29.00 1.97 0.00	26.81 1.71 0.00	25.23 1.56 0.00	25.25 1.59 0.00	26.76 1.73 0.00	29.85 1.95 0.00	31.51 2.03 0.00	33.19 2.20 0.00	35.93 2.44 0.00	37.63 2.10 0.00	38.94 2.41 0.00	41.82 2.66 0.00	44.83 2.58 0.00	46.94 2.91 0.00	52.17 3.32 0.00	58.57 3.93 0.00	64.61 4.95 0.00	62.51 5.58 0.00	54.30 4.93 -0.99	49.08 4.61 -1.00	42.27 3.81 0.00	37.91 2.91 0.00	35.44 2.53 0.00
RAMAPO___LBMP 323565	30.94 1.50 0.00	28.33 1.30 0.00	26.23 1.13 0.00	24.76 1.09 0.00	24.70 1.04 0.00	26.16 1.13 0.00	29.21 1.31 0.00	30.98 1.50 0.00	32.63 1.64 0.00	35.29 1.81 0.00	37.31 1.78 0.00	38.42 1.90 0.00	41.16 2.00 0.00	44.28 2.03 0.00	46.19 2.16 0.00	51.49 2.64 0.00	57.53 2.90 0.00	62.64 2.98 0.00	59.55 2.62 0.00	50.88 2.42 -0.09	45.64 2.09 -0.09	40.46 2.00 0.00	36.65 1.65 0.00	34.58 1.68 0.00
RANKINE____ 23646	29.50 0.06 0.00	26.87 -0.16 0.00	25.18 0.08 0.00	23.86 0.19 0.00	23.97 0.31 0.00	25.41 0.38 0.00	27.81 -0.08 0.00	29.48 0.00 0.00	31.30 0.31 0.00	33.68 0.20 0.00	36.28 0.75 0.00	37.91 1.39 0.00	40.88 1.72 0.00	45.21 2.96 0.00	46.41 2.38 0.00	51.44 2.59 0.00	58.08 3.44 0.00	62.70 3.04 0.00	60.69 3.76 0.00	50.84 2.47 0.00	45.47 2.00 0.00	39.50 1.04 0.00	36.05 1.05 0.00	33.96 1.05 0.00
RAVENSWOOD_GT2_1 24244	31.53 2.09 0.00	28.78 1.76 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.48 1.45 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.48 3.82 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.35 2.35 0.00	35.31 2.40 0.00
RAVENSWOOD_GT2_2 24245	31.53 2.09 0.00	28.78 1.76 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.48 1.45 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.48 3.82 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.35 2.35 0.00	35.31 2.40 0.00

RAVENSWOOD_GT2_3 24246	31.53 2.09 0.00	28.78 1.76 0.00	26.66 1.56 0.00	25.12 1.44 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.63 2.15 0.00	33.37 2.39 0.00	36.09 2.61 0.00	38.13 2.59 0.00	39.30 2.78 0.00	42.06 2.90 0.00	45.13 2.87 0.00	47.03 2.99 0.00	52.47 3.62 0.00	58.46 3.82 0.00	63.54 3.88 0.00	60.34 3.42 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.15 2.69 0.00	37.35 2.35 0.00	35.34 2.43 0.00
RAVENSWOOD_GT2_4 24247	31.53 2.09 0.00	28.78 1.76 0.00	26.66 1.56 0.00	25.12 1.44 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.63 2.15 0.00	33.37 2.39 0.00	36.09 2.61 0.00	38.13 2.59 0.00	39.30 2.78 0.00	42.06 2.90 0.00	45.13 2.87 0.00	47.03 2.99 0.00	52.47 3.62 0.00	58.46 3.82 0.00	63.54 3.88 0.00	60.34 3.42 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.15 2.69 0.00	37.35 2.35 0.00	35.34 2.43 0.00
RAVENSWOOD_GT3_1 24248	31.53 2.09 0.00	28.78 1.76 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.48 3.82 0.00	60.29 3.36 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.35 2.35 0.00	35.31 2.40 0.00
RAVENSWOOD_GT3_2 24249	31.53 2.09 0.00	28.78 1.76 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.48 3.82 0.00	60.29 3.36 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.35 2.35 0.00	35.31 2.40 0.00
RAVENSWOOD_GT3_3 24250	31.59 2.15 0.00	28.81 1.78 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.06 1.40 0.00	26.53 1.50 0.00	29.74 1.84 0.00	31.66 2.18 0.00	33.40 2.42 0.00	36.13 2.65 0.00	38.16 2.63 0.00	39.37 2.85 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.57 3.71 0.00	58.57 3.93 0.00	63.65 4.00 0.00	60.40 3.47 0.00	51.76 3.29 -0.09	46.43 2.87 -0.09	41.19 2.73 0.00	37.42 2.42 0.00	35.37 2.47 0.00
RAVENSWOOD_GT3_4 24251	31.59 2.15 0.00	28.81 1.78 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.06 1.40 0.00	26.53 1.50 0.00	29.74 1.84 0.00	31.66 2.18 0.00	33.40 2.42 0.00	36.13 2.65 0.00	38.16 2.63 0.00	39.37 2.85 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.57 3.71 0.00	58.57 3.93 0.00	63.65 4.00 0.00	60.40 3.47 0.00	51.76 3.29 -0.09	46.43 2.87 -0.09	41.19 2.73 0.00	37.42 2.42 0.00	35.37 2.47 0.00
RAVENSWOOD_GT_1 23729	31.69 2.24 -0.01	28.89 1.86 0.00	26.73 1.63 0.00	25.19 1.51 0.00	25.11 1.44 0.00	26.53 1.50 0.00	29.76 1.87 0.00	31.72 2.24 0.00	33.50 2.51 0.00	36.23 2.75 0.00	38.20 2.66 0.00	39.41 2.89 0.00	42.14 2.98 0.00	45.25 3.00 0.00	47.11 3.08 0.00	52.57 3.71 0.00	58.51 3.88 0.00	63.54 3.88 0.00	60.34 3.42 0.00	51.66 3.19 -0.09	46.39 2.83 -0.09	41.19 2.73 0.00	37.45 2.45 0.00	36.00 2.57 -0.53
RAVENSWOOD_GT_10 24258	31.53 2.09 0.00	28.78 1.76 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.48 3.82 0.00	60.29 3.36 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.35 2.35 0.00	35.31 2.40 0.00
RAVENSWOOD_GT_11 24259	31.53 2.09 0.00	28.78 1.76 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.48 3.82 0.00	60.29 3.36 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.35 2.35 0.00	35.31 2.40 0.00
RAVENSWOOD_GT_4 24252	31.50 2.06 0.01	28.76 1.73 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.01 1.35 0.00	26.51 1.48 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.26 2.74 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.46 3.82 0.00	63.54 3.88 0.00	60.34 3.42 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.31 2.31 0.00	35.67 2.37 -0.39
RAVENSWOOD_GT_5 24254	31.50 2.06 0.01	28.76 1.73 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.01 1.35 0.00	26.51 1.48 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.26 2.74 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.46 3.82 0.00	63.54 3.88 0.00	60.34 3.42 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.31 2.31 0.00	35.67 2.37 -0.39
RAVENSWOOD_GT_6 24253	31.50 2.06 0.01	28.76 1.73 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.01 1.35 0.00	26.51 1.48 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.26 2.74 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.46 3.82 0.00	63.54 3.88 0.00	60.34 3.42 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.31 2.31 0.00	35.67 2.37 -0.39
RAVENSWOOD_GT_7 24255	31.50 2.06 0.01	28.76 1.73 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.01 1.35 0.00	26.51 1.48 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.26 2.74 0.00	42.02 2.86 0.00	45.08 2.83 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.46 3.82 0.00	63.54 3.88 0.00	60.34 3.42 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.31 2.31 0.00	35.67 2.37 -0.39
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.53 2.09 0.00	28.78 1.76 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.48 3.82 0.00	60.29 3.36 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.35 2.35 0.00	35.31 2.40 0.00
RAVENSWOOD_GT_9 24257	31.53 2.09 0.00	28.78 1.76 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.68 1.79 0.00	31.60 2.12 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.78 0.00	42.02 2.86 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.57 0.00	58.40 3.77 0.00	63.48 3.82 0.00	60.29 3.36 0.00	51.66 3.19 -0.09	46.34 2.78 -0.09	41.11 2.65 0.00	37.35 2.35 0.00	35.31 2.40 0.00

RAVENSWOOD___1 23533	31.69 2.24 -0.01	28.98 1.95 0.00	26.86 1.76 0.00	25.28 1.61 0.00	25.22 1.56 0.00	26.71 1.68 0.00	29.93 2.04 0.00	31.72 2.24 0.00	33.47 2.48 0.00	36.23 2.75 0.00	38.20 2.67 0.00	39.38 2.85 0.00	42.13 2.97 0.00	45.21 2.96 0.00	47.07 3.04 0.00	52.52 3.67 0.00	58.46 3.82 0.00	63.48 3.82 0.00	60.29 3.36 0.00	51.61 3.14 -0.09	46.35 2.78 -0.09	41.23 2.77 0.00	37.28 2.27 0.00	35.45 2.53 -0.01
RAVENSWOOD___2 23534	31.63 2.18 -0.01	28.92 1.89 0.00	26.78 1.68 0.00	25.23 1.56 0.00	25.15 1.49 0.00	26.66 1.63 0.00	29.88 1.98 0.00	31.66 2.18 0.00	33.41 2.42 0.00	36.13 2.64 0.00	38.12 2.59 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.13 2.87 0.00	46.89 2.86 0.00	52.08 3.22 0.00	57.97 3.33 0.00	62.88 3.22 0.00	59.77 2.85 0.00	51.22 2.76 -0.09	46.26 2.70 -0.09	41.15 2.69 0.00	37.21 2.21 0.00	35.35 2.43 -0.01
RAVENSWOOD___3 23535	31.56 2.12 0.00	28.87 1.84 0.00	26.76 1.66 0.00	25.23 1.56 0.00	25.15 1.49 0.00	26.68 1.65 0.00	29.88 1.98 0.00	31.63 2.15 0.00	33.34 2.35 0.00	36.06 2.58 0.00	38.09 2.56 0.00	39.30 2.77 0.00	42.02 2.86 0.00	45.13 2.87 0.00	46.98 2.95 0.00	52.42 3.56 0.00	58.40 3.77 0.00	63.48 3.82 0.00	60.29 3.36 0.00	51.66 3.19 -0.09	46.35 2.78 -0.09	41.23 2.77 0.00	37.21 2.21 0.00	35.28 2.37 0.00
RAVENSWOOD___4 23820	31.68 2.24 -0.01	28.98 1.95 0.00	26.83 1.73 0.00	25.28 1.61 0.00	25.20 1.54 0.00	26.68 1.65 0.00	29.93 2.04 0.00	31.69 2.21 0.00	33.43 2.45 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.38 2.85 0.00	42.10 2.94 0.00	45.21 2.96 0.00	47.03 3.00 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.23 3.30 0.00	51.57 3.10 -0.09	46.35 2.78 -0.09	41.23 2.77 0.00	37.24 2.24 0.00	34.90 2.50 0.51
RCPL_TRUST___DRP 24196	31.53 2.09 0.00	28.78 1.76 0.00	26.66 1.56 0.00	25.12 1.44 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.66 2.18 0.00	33.40 2.42 0.00	36.13 2.65 0.00	38.16 2.63 0.00	39.37 2.85 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.57 3.71 0.00	58.62 3.99 0.00	63.71 4.06 0.00	60.46 3.53 0.00	51.71 3.24 -0.09	46.39 2.83 -0.09	41.15 2.69 0.00	37.35 2.35 0.00	35.27 2.37 0.00
RED___ROCHESTER 323720	29.85 0.41 0.00	27.57 0.54 0.00	25.58 0.48 0.00	24.00 0.33 0.00	24.14 0.47 0.00	25.48 0.45 0.00	28.12 0.22 0.00	29.83 0.35 0.00	31.55 0.56 0.00	34.19 0.70 0.00	36.53 0.99 0.00	38.13 1.61 0.00	41.12 1.96 0.00	45.00 2.74 0.00	46.54 2.51 0.00	51.15 2.30 0.00	57.36 2.73 0.00	62.88 3.22 0.00	60.06 3.13 0.00	50.56 2.18 0.00	45.34 1.87 0.00	39.80 1.35 0.00	36.23 1.22 0.00	33.86 0.95 0.00
REGAN___SOLAR 323812	33.53 4.09 0.00	30.78 3.76 0.00	28.39 3.29 0.00	26.70 3.03 0.00	26.79 3.12 0.00	28.49 3.46 0.00	31.75 3.85 0.00	33.66 4.18 0.00	35.20 4.21 0.00	37.97 4.49 0.00	40.22 4.69 0.00	41.57 5.04 0.00	44.76 5.60 0.00	48.42 6.17 0.00	50.42 6.38 0.00	56.04 7.18 0.00	62.88 8.25 0.00	70.22 10.56 0.00	67.97 11.05 0.00	58.73 9.44 -0.92	52.75 8.35 -0.93	45.50 7.04 0.00	40.50 5.50 0.00	37.64 4.74 0.00
RENSSELAER___COGEN 23796	30.15 0.71 0.00	27.65 0.62 0.00	25.70 0.60 0.00	24.26 0.59 0.00	24.23 0.57 0.00	25.66 0.63 0.00	28.54 0.64 0.00	30.07 0.59 0.00	31.57 0.59 0.00	34.09 0.60 0.00	36.14 0.60 0.00	37.18 0.66 0.00	39.87 0.71 0.00	42.89 0.63 0.00	44.78 0.75 0.00	49.78 0.93 0.00	55.83 1.20 0.00	61.09 1.43 0.00	58.29 1.36 0.00	50.23 1.31 -0.54	45.11 1.09 -0.55	39.57 1.12 0.00	35.74 0.74 0.00	33.73 0.82 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.45 4.00 0.00	30.70 3.68 0.00	28.29 3.19 0.00	26.61 2.94 0.00	26.64 2.98 0.00	28.31 3.28 0.00	31.44 3.54 0.00	33.22 3.74 0.00	35.05 4.06 0.00	37.93 4.45 0.00	39.72 4.19 0.00	41.20 4.68 0.00	44.25 5.09 0.00	47.62 5.37 0.00	49.98 5.94 0.00	55.50 6.64 0.00	62.28 7.65 0.00	69.14 9.49 0.00	67.12 10.19 0.00	58.26 8.90 -0.98	52.64 8.17 -1.00	45.19 6.73 0.00	40.32 5.32 0.00	37.55 4.64 0.00
REVERE_CPPR_DRP 24186	30.71 1.27 0.00	28.08 1.05 0.00	26.08 0.98 0.00	24.59 0.92 0.00	24.59 0.92 0.00	26.03 1.00 0.00	29.07 1.17 0.00	30.74 1.27 0.00	32.26 1.27 0.00	34.86 1.31 -0.08	36.88 1.35 0.00	38.21 1.68 0.00	41.04 1.88 0.00	44.45 2.20 0.00	46.50 2.47 0.00	51.64 2.78 0.00	57.80 3.17 0.00	63.18 3.52 0.00	60.46 3.53 0.00	51.38 3.00 0.00	46.38 2.78 -0.13	40.61 2.15 0.00	36.81 1.75 -0.06	34.35 1.45 0.00
REYNOLDS_115KV_TB3 80639	30.41 0.97 0.00	27.87 0.84 0.00	25.88 0.78 0.00	24.41 0.73 0.00	24.40 0.73 0.00	25.78 0.75 0.00	28.70 0.81 0.00	30.36 0.88 0.00	31.89 0.90 0.00	34.42 0.94 0.00	36.49 0.96 0.00	37.55 1.02 0.00	40.26 1.10 0.00	43.27 1.01 0.00	45.18 1.14 0.00	50.27 1.42 0.00	56.44 1.80 0.00	61.75 2.09 0.00	58.86 1.94 0.00	50.77 1.79 -0.60	45.60 1.52 -0.61	39.88 1.42 0.00	36.12 1.12 0.00	34.02 1.12 0.00
RIVERBAY____ 323610	32.10 2.65 -0.01	29.28 2.24 -0.01	27.12 2.01 -0.01	25.49 1.82 0.00	25.41 1.75 0.00	26.78 1.75 0.00	29.93 2.04 0.00	31.83 2.36 0.00	33.59 2.60 0.00	36.33 2.85 0.00	38.34 2.81 0.00	39.56 3.03 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.33 3.30 0.00	52.91 4.05 0.00	58.84 4.21 0.00	63.89 4.24 0.00	60.74 3.81 0.00	51.95 3.48 -0.09	46.65 3.09 -0.09	41.46 3.00 0.00	37.84 2.84 0.00	35.91 2.99 -0.01
RIVERSDE_115KV_TB3 55908	30.27 0.82 0.00	27.73 0.70 0.00	25.75 0.65 0.00	24.29 0.62 0.00	24.28 0.62 0.00	25.66 0.63 0.00	28.57 0.67 0.00	30.21 0.74 0.00	31.73 0.74 0.00	34.29 0.80 0.00	36.35 0.82 0.00	37.44 0.91 0.00	40.14 0.98 0.00	43.18 0.93 0.00	45.09 1.06 0.00	50.12 1.27 0.00	56.22 1.58 0.00	61.57 1.91 0.00	58.69 1.76 0.00	50.59 1.60 -0.62	45.49 1.39 -0.63	39.77 1.31 0.00	35.98 0.98 0.00	33.89 0.99 0.00
ROARING___BROOK_WT_PWR 323790	28.91 -0.53 0.00	26.49 -0.54 0.00	24.57 -0.53 0.00	23.15 -0.52 0.00	23.14 -0.52 0.00	24.50 -0.53 0.00	27.34 -0.56 0.00	28.95 -0.53 0.00	30.49 -0.50 0.00	33.01 -0.47 0.00	35.11 -0.42 0.00	35.94 -0.59 0.00	38.46 -0.70 0.00	41.45 -0.80 0.00	43.15 -0.88 0.00	47.68 -1.17 0.00	53.21 -1.42 0.00	58.11 -1.55 0.00	55.39 -1.53 0.00	46.93 -1.45 0.00	42.17 -1.30 0.00	37.15 -1.31 0.00	33.92 -1.09 0.00	31.82 -1.09 0.00
ROCHESRG_115KV_T4 355643	29.32 -0.12 0.00	26.84 -0.19 0.00	25.08 -0.03 0.00	23.67 0.00 0.00	23.76 0.09 0.00	25.16 0.13 0.00	27.73 -0.17 0.00	29.30 -0.18 0.00	30.96 -0.03 0.00	33.52 0.03 0.00	35.82 0.28 0.00	37.26 0.73 0.00	40.14 0.98 0.00	43.94 1.69 0.00	45.40 1.37 0.00	50.32 1.47 0.00	56.49 1.86 0.00	61.45 1.79 0.00	59.15 2.22 0.00	49.78 1.40 0.00	44.60 1.13 0.00	39.00 0.54 0.00	35.46 0.46 0.00	33.33 0.43 0.00

ROCHESTER_9_IC 23652	29.44 0.00 0.00	26.92 -0.11 0.00	25.15 0.05 0.00	23.74 0.07 0.00	23.83 0.17 0.00	25.23 0.20 0.00	27.81 -0.08 0.00	29.42 -0.06 0.00	31.08 0.09 0.00	33.65 0.17 0.00	35.96 0.43 0.00	37.44 0.91 0.00	40.30 1.14 0.00	44.11 1.86 0.00	45.62 1.59 0.00	50.76 1.91 0.00	56.93 2.29 0.00	61.98 2.33 0.00	59.66 2.73 0.00	50.17 1.79 0.00	44.99 1.52 0.00	39.30 0.85 0.00	35.74 0.74 0.00	33.56 0.66 0.00
ROCKVIEW_13_KV_LD 356306	31.47 2.03 0.00	28.76 1.73 0.00	26.63 1.53 0.00	25.09 1.42 0.00	25.04 1.37 0.00	26.53 1.50 0.00	29.68 1.79 0.00	31.57 2.09 0.00	33.31 2.32 0.00	35.99 2.51 0.00	38.05 2.52 0.00	39.26 2.74 0.00	42.02 2.86 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.52 3.66 0.00	58.68 4.04 0.00	63.89 4.24 0.00	60.63 3.70 0.00	51.85 3.39 -0.09	46.52 2.96 -0.09	41.19 2.73 0.00	37.31 2.31 0.00	35.24 2.34 0.00
ROME____115KV_TB2 80656	30.71 1.27 0.00	28.08 1.05 0.00	26.08 0.98 0.00	24.59 0.92 0.00	24.59 0.92 0.00	26.03 1.00 0.00	29.07 1.17 0.00	30.74 1.27 0.00	32.26 1.27 0.00	34.86 1.31 -0.08	36.88 1.35 0.00	38.21 1.68 0.00	41.04 1.88 0.00	44.45 2.20 0.00	46.50 2.47 0.00	51.64 2.78 0.00	57.80 3.17 0.00	63.18 3.52 0.00	60.46 3.53 0.00	51.38 3.00 0.00	46.38 2.78 -0.13	40.61 2.15 0.00	36.81 1.75 -0.06	34.35 1.45 0.00
ROSETON____1 23587	30.97 1.53 0.00	28.38 1.35 0.00	26.36 1.25 0.00	24.85 1.18 0.00	24.80 1.14 0.00	26.28 1.25 0.00	29.37 1.48 0.00	30.98 1.50 0.00	32.63 1.64 0.00	35.26 1.77 0.00	37.31 1.78 0.00	38.39 1.86 0.00	41.12 1.96 0.00	44.20 1.94 0.00	46.06 2.03 0.00	51.34 2.49 0.00	57.42 2.78 0.00	62.52 2.86 0.00	59.49 2.56 0.00	50.84 2.37 -0.09	45.60 2.04 -0.09	40.50 2.04 0.00	36.54 1.54 0.00	34.58 1.68 0.00
ROSETON____2 23588	30.97 1.53 0.00	28.38 1.35 0.00	26.36 1.25 0.00	24.85 1.18 0.00	24.80 1.14 0.00	26.28 1.25 0.00	29.37 1.48 0.00	30.98 1.50 0.00	32.63 1.64 0.00	35.26 1.77 0.00	37.31 1.78 0.00	38.39 1.86 0.00	41.12 1.96 0.00	44.20 1.94 0.00	46.06 2.03 0.00	51.34 2.49 0.00	57.42 2.78 0.00	62.52 2.86 0.00	59.49 2.56 0.00	50.84 2.37 -0.09	45.60 2.04 -0.09	40.50 2.04 0.00	36.54 1.54 0.00	34.58 1.68 0.00
ROTTDAM_115KV_TB3 80664	30.50 1.06 0.00	27.97 0.95 0.00	25.93 0.83 0.00	24.45 0.78 0.00	24.44 0.78 0.00	25.86 0.83 0.00	28.82 0.92 0.00	30.48 1.00 0.00	32.04 1.05 0.00	34.59 1.10 0.00	36.63 1.10 0.00	37.84 1.31 0.00	40.57 1.41 0.00	43.69 1.44 0.00	45.57 1.54 0.00	50.56 1.71 0.00	56.66 2.02 0.00	61.98 2.33 0.00	59.26 2.33 0.00	51.62 2.13 -1.11	46.46 1.87 -1.13	40.11 1.65 0.00	36.33 1.33 0.00	34.16 1.25 0.00
RUSSELL____1 23602	29.85 0.41 0.00	27.27 0.24 0.00	25.45 0.35 0.00	24.03 0.36 0.00	24.11 0.45 0.00	25.53 0.50 0.00	28.15 0.25 0.00	29.83 0.35 0.00	31.54 0.56 0.00	34.18 0.70 0.00	36.53 0.99 0.00	38.13 1.61 0.00	41.08 1.92 0.00	45.00 2.75 0.00	46.54 2.51 0.00	51.15 2.30 0.00	57.37 2.73 0.00	62.40 2.74 0.00	60.06 3.13 0.00	50.55 2.18 0.00	45.34 1.87 0.00	39.57 1.12 0.00	35.95 0.95 0.00	33.73 0.82 0.00
RUSSELL____2 23532	29.85 0.41 0.00	27.27 0.24 0.00	25.45 0.35 0.00	24.03 0.36 0.00	24.11 0.45 0.00	25.53 0.50 0.00	28.15 0.25 0.00	29.83 0.35 0.00	31.54 0.56 0.00	34.18 0.70 0.00	36.53 0.99 0.00	38.13 1.61 0.00	41.08 1.92 0.00	45.00 2.75 0.00	46.54 2.51 0.00	51.15 2.30 0.00	57.37 2.73 0.00	62.40 2.74 0.00	60.06 3.13 0.00	50.55 2.18 0.00	45.34 1.87 0.00	39.57 1.12 0.00	35.95 0.95 0.00	33.73 0.82 0.00
RUSSELL____3 23549	29.85 0.41 0.00	27.27 0.24 0.00	25.45 0.35 0.00	24.03 0.36 0.00	24.11 0.45 0.00	25.53 0.50 0.00	28.15 0.25 0.00	29.83 0.35 0.00	31.54 0.56 0.00	34.18 0.70 0.00	36.53 0.99 0.00	38.13 1.61 0.00	41.08 1.92 0.00	45.00 2.75 0.00	46.54 2.51 0.00	51.15 2.30 0.00	57.37 2.73 0.00	62.40 2.74 0.00	60.06 3.13 0.00	50.55 2.18 0.00	45.34 1.87 0.00	39.57 1.12 0.00	35.95 0.95 0.00	33.73 0.82 0.00
RUSSELL____4 23556	29.85 0.41 0.00	27.27 0.24 0.00	25.45 0.35 0.00	24.03 0.36 0.00	24.11 0.45 0.00	25.53 0.50 0.00	28.15 0.25 0.00	29.83 0.35 0.00	31.54 0.56 0.00	34.18 0.70 0.00	36.53 0.99 0.00	38.13 1.61 0.00	41.08 1.92 0.00	45.00 2.75 0.00	46.54 2.51 0.00	51.15 2.30 0.00	57.37 2.73 0.00	62.40 2.74 0.00	60.06 3.13 0.00	50.55 2.18 0.00	45.34 1.87 0.00	39.57 1.12 0.00	35.95 0.95 0.00	33.73 0.82 0.00
RUSSELL____STATION 23914	29.85 0.41 0.00	27.27 0.24 0.00	25.45 0.35 0.00	24.03 0.36 0.00	24.11 0.45 0.00	25.53 0.50 0.00	28.15 0.25 0.00	29.83 0.35 0.00	31.54 0.56 0.00	34.18 0.70 0.00	36.53 0.99 0.00	38.13 1.61 0.00	41.08 1.92 0.00	45.00 2.75 0.00	46.54 2.51 0.00	51.15 2.30 0.00	57.37 2.73 0.00	62.40 2.74 0.00	60.06 3.13 0.00	50.55 2.18 0.00	45.34 1.87 0.00	39.57 1.12 0.00	35.95 0.95 0.00	33.73 0.82 0.00
S SALMON____HYD 24043	29.18 -0.27 0.00	26.78 -0.24 0.00	24.88 -0.23 0.00	23.43 -0.24 0.00	23.47 -0.19 0.00	24.80 -0.23 0.00	27.64 -0.25 0.00	29.27 -0.20 0.00	30.65 -0.34 0.00	33.44 -0.40 -0.36	35.11 -0.42 0.00	36.31 -0.22 0.00	38.84 -0.31 0.00	42.09 -0.17 0.00	43.81 -0.22 0.00	48.66 -0.19 0.00	54.36 -0.27 0.00	59.54 -0.12 0.00	56.93 0.00 0.00	48.43 0.05 0.00	44.22 0.13 -0.62	38.34 -0.12 0.00	35.23 -0.07 0.00	32.74 -0.16 0.00
S.PERRY__115KV_TB1 80734	30.62 1.18 0.00	27.95 0.92 0.00	26.08 0.98 0.00	24.62 0.95 0.00	24.70 1.04 0.00	26.23 1.20 0.00	28.93 1.03 0.00	30.68 1.21 0.00	32.13 1.15 0.00	34.55 1.07 0.00	35.57 0.04 0.00	37.04 0.51 0.00	39.86 0.70 0.00	43.61 1.35 0.00	45.09 1.06 0.00	50.07 1.22 0.00	56.27 1.64 0.00	61.45 1.79 0.00	59.66 2.73 0.00	50.70 2.32 0.00	45.69 2.22 0.00	39.77 1.31 0.00	36.12 1.12 0.00	33.73 0.82 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.18 -0.26 0.00	26.60 -0.43 0.00	24.95 -0.15 0.00	23.65 -0.02 0.00	23.76 0.09 0.00	25.18 0.15 0.00	27.53 -0.36 0.00	29.06 -0.41 0.00	30.86 -0.12 0.00	33.25 -0.23 0.00	35.78 0.25 0.00	37.37 0.84 0.00	40.30 1.14 0.00	44.54 2.28 0.00	45.71 1.67 0.00	50.66 1.81 0.00	57.20 2.57 0.00	61.81 2.15 0.00	59.83 2.90 0.00	50.12 1.74 0.00	44.82 1.35 0.00	39.00 0.54 0.00	35.60 0.60 0.00	33.60 0.69 0.00
SAWYER____23_KV_LOAD 55526	29.18 -0.26 0.00	26.60 -0.43 0.00	24.95 -0.15 0.00	23.65 -0.02 0.00	23.76 0.09 0.00	25.18 0.15 0.00	27.53 -0.36 0.00	29.06 -0.41 0.00	30.86 -0.12 0.00	33.25 -0.23 0.00	35.78 0.25 0.00	37.37 0.84 0.00	40.30 1.14 0.00	44.54 2.28 0.00	45.71 1.67 0.00	50.66 1.81 0.00	57.20 2.57 0.00	61.81 2.15 0.00	59.83 2.90 0.00	50.12 1.74 0.00	44.82 1.35 0.00	39.00 0.54 0.00	35.60 0.60 0.00	33.60 0.69 0.00

SELKIRK___I 23801	30.41 0.97 0.00	27.92 0.89 0.00	25.93 0.83 0.00	24.45 0.78 0.00	24.44 0.78 0.00	25.86 0.82 0.00	28.76 0.87 0.00	30.30 0.82 0.00	31.76 0.77 0.00	34.25 0.77 0.00	36.24 0.71 0.00	37.29 0.77 0.00	39.94 0.78 0.00	43.01 0.76 0.00	44.87 0.83 0.00	49.93 1.07 0.00	56.05 1.42 0.00	61.45 1.79 0.00	58.75 1.82 0.00	50.47 1.69 -0.40	45.39 1.52 -0.40	39.92 1.46 0.00	36.09 1.09 0.00	33.99 1.08 0.00
SELKIRK___II 23799	30.21 0.76 0.00	27.70 0.68 0.00	25.75 0.65 0.00	24.31 0.64 0.00	24.28 0.61 0.00	25.71 0.68 0.00	28.62 0.72 0.00	30.15 0.68 0.00	31.67 0.68 0.00	34.19 0.70 0.00	36.24 0.71 0.00	37.29 0.77 0.00	39.98 0.82 0.00	43.01 0.76 0.00	44.87 0.83 0.00	49.88 1.03 0.00	55.94 1.31 0.00	61.15 1.49 0.00	58.41 1.48 0.00	50.16 1.35 -0.43	45.08 1.17 -0.44	39.61 1.15 0.00	35.81 0.81 0.00	33.79 0.89 0.00
SENECA OSWGO___HYD 24041	29.09 -0.35 0.00	26.73 -0.30 0.00	24.85 -0.25 0.00	23.43 -0.24 0.00	23.45 -0.21 0.00	24.76 -0.27 0.00	27.56 -0.33 0.00	29.18 -0.29 0.00	30.68 -0.31 0.00	33.65 -0.33 -0.51	35.21 -0.32 0.00	36.38 -0.15 0.00	39.00 -0.16 0.00	42.25 0.00 0.00	43.99 -0.04 0.00	48.80 -0.05 0.00	54.69 0.05 0.00	59.78 0.12 0.00	57.04 0.11 0.00	48.43 0.05 0.00	44.39 0.04 -0.88	38.34 -0.12 0.00	35.31 -0.10 -0.41	32.71 -0.20 0.00
SENECA___115KV_TB3 355854	29.53 0.09 0.00	26.89 -0.14 0.00	25.23 0.13 0.00	23.91 0.24 0.00	24.02 0.35 0.00	25.46 0.43 0.00	27.84 -0.06 0.00	29.53 0.06 0.00	31.36 0.37 0.00	33.78 0.30 0.00	36.35 0.82 0.00	37.99 1.46 0.00	41.00 1.84 0.00	45.30 3.04 0.00	46.54 2.51 0.00	51.54 2.69 0.00	58.24 3.61 0.00	62.88 3.22 0.00	60.80 3.87 0.00	50.94 2.56 0.00	45.56 2.09 0.00	39.61 1.15 0.00	36.12 1.12 0.00	34.02 1.12 0.00
SENECA___ENERGY 23797	29.53 0.09 0.00	27.22 0.19 0.00	25.25 0.15 0.00	23.74 0.07 0.00	23.83 0.17 0.00	25.21 0.18 0.00	28.04 0.14 0.00	29.68 0.21 0.00	31.21 0.22 0.00	33.99 0.30 -0.20	35.96 0.43 0.00	37.29 0.77 0.00	40.10 0.94 0.00	43.69 1.44 0.00	45.35 1.32 0.00	50.32 1.46 0.00	56.43 1.80 0.00	61.80 2.14 0.00	58.97 2.05 0.00	49.88 1.50 0.00	45.17 1.35 -0.35	39.38 0.92 0.00	35.90 0.74 -0.16	33.40 0.49 0.00
SHOEMAKER___GT 23640	30.80 1.36 0.00	28.22 1.19 0.00	26.21 1.10 0.00	24.71 1.04 0.00	24.66 0.99 0.00	26.13 1.10 0.00	29.15 1.26 0.00	30.74 1.27 0.00	32.35 1.36 0.00	34.95 1.47 0.00	36.99 1.46 0.00	38.06 1.53 0.00	40.80 1.64 0.00	43.95 1.69 0.00	45.80 1.76 0.00	51.00 2.15 0.00	57.09 2.46 0.00	62.28 2.62 0.00	59.32 2.39 0.00	50.64 2.18 -0.08	45.46 1.91 -0.08	40.27 1.81 0.00	36.37 1.36 0.00	34.35 1.45 0.00
SHOEMAKR_138KV_BK 111 55601	30.74 1.30 0.00	28.14 1.11 0.00	26.08 0.98 0.00	24.59 0.92 0.00	24.56 0.90 0.00	25.98 0.95 0.00	29.01 1.12 0.00	30.71 1.24 0.00	32.35 1.36 0.00	34.99 1.51 0.00	36.99 1.46 0.00	38.10 1.57 0.00	40.84 1.68 0.00	43.94 1.69 0.00	45.79 1.76 0.00	51.05 2.20 0.00	57.09 2.46 0.00	62.28 2.62 0.00	59.32 2.39 0.00	50.63 2.18 -0.08	45.42 1.87 -0.08	40.19 1.73 0.00	36.44 1.44 0.00	34.39 1.48 0.00
SHOREHAM_IC_1 23715	34.90 2.24 -3.22	32.14 2.05 -3.06	28.40 1.86 -1.44	25.47 1.80 0.00	26.60 1.70 -1.23	28.43 1.98 -1.42	31.16 2.29 -0.97	34.22 2.21 -2.53	36.26 2.57 -2.70	36.25 2.75 -0.02	38.20 2.67 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.34 3.08 0.00	47.16 3.13 0.00	52.37 3.52 0.00	58.73 4.10 0.00	63.83 4.17 0.00	60.52 3.59 0.00	51.57 3.10 -0.09	46.39 2.82 -0.10	41.04 2.58 0.00	36.40 1.40 0.01	34.98 2.07 0.00
SHOREHAM_IC_2 23716	34.90 2.24 -3.22	32.14 2.05 -3.06	28.40 1.86 -1.44	25.47 1.80 0.00	26.60 1.70 -1.23	28.43 1.98 -1.42	31.16 2.29 -0.97	34.22 2.21 -2.53	36.26 2.57 -2.70	36.25 2.75 -0.02	38.20 2.67 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.34 3.08 0.00	47.16 3.13 0.00	52.37 3.52 0.00	58.73 4.10 0.00	63.83 4.17 0.00	60.52 3.59 0.00	51.57 3.10 -0.09	46.39 2.82 -0.10	41.04 2.58 0.00	36.40 1.40 0.01	34.98 2.07 0.00
SISSONVILLE____ 23735	28.56 -0.88 0.00	26.22 -0.81 0.00	24.32 -0.78 0.00	22.91 -0.76 0.00	22.93 -0.73 0.00	24.28 -0.75 0.00	27.03 -0.86 0.00	28.56 -0.91 0.00	29.96 -1.02 0.00	32.39 -1.14 -0.05	34.36 -1.17 0.00	35.14 -1.39 0.00	37.51 -1.64 0.00	40.56 -1.69 0.00	42.32 -1.72 0.00	46.56 -2.30 0.00	51.30 -3.33 0.00	56.08 -3.58 0.00	53.57 -3.36 0.00	45.52 -2.85 0.00	41.16 -2.39 -0.08	36.77 -1.69 0.00	33.50 -1.54 -0.04	31.36 -1.55 0.00
SITHE_IND_GS1 24169	28.65 -0.79 0.00	26.33 -0.70 0.00	24.48 -0.63 0.00	23.08 -0.59 0.00	23.09 -0.57 0.00	24.38 -0.65 0.00	27.11 -0.78 0.00	28.71 -0.77 0.00	30.18 -0.81 0.00	31.14 -0.87 1.47	34.65 -0.89 0.00	35.76 -0.77 0.00	38.38 -0.78 0.00	41.54 -0.72 0.00	43.24 -0.79 0.00	47.97 -0.88 0.00	53.70 -0.93 0.00	58.70 -0.96 0.00	56.01 -0.91 0.00	47.51 -0.87 0.00	40.15 -0.78 2.54	37.69 -0.77 0.00	33.07 -0.74 1.20	32.15 -0.76 0.00
SITHE_IND_GS2 24170	28.65 -0.79 0.00	26.33 -0.70 0.00	24.48 -0.63 0.00	23.08 -0.59 0.00	23.09 -0.57 0.00	24.38 -0.65 0.00	27.11 -0.78 0.00	28.71 -0.77 0.00	30.18 -0.81 0.00	31.14 -0.87 1.47	34.65 -0.89 0.00	35.76 -0.77 0.00	38.38 -0.78 0.00	41.54 -0.72 0.00	43.24 -0.79 0.00	47.97 -0.88 0.00	53.70 -0.93 0.00	58.70 -0.96 0.00	56.01 -0.91 0.00	47.51 -0.87 0.00	40.15 -0.78 2.54	37.69 -0.77 0.00	33.07 -0.74 1.20	32.15 -0.76 0.00
SITHE_IND_GS3 24171	28.65 -0.79 0.00	26.33 -0.70 0.00	24.48 -0.63 0.00	23.08 -0.59 0.00	23.09 -0.57 0.00	24.38 -0.65 0.00	27.11 -0.78 0.00	28.71 -0.77 0.00	30.18 -0.81 0.00	31.14 -0.87 1.47	34.65 -0.89 0.00	35.76 -0.77 0.00	38.38 -0.78 0.00	41.54 -0.72 0.00	43.24 -0.79 0.00	47.97 -0.88 0.00	53.70 -0.93 0.00	58.70 -0.96 0.00	56.01 -0.91 0.00	47.51 -0.87 0.00	40.15 -0.78 2.54	37.69 -0.77 0.00	33.07 -0.74 1.20	32.15 -0.76 0.00
SITHE_IND_GS4 24172	28.65 -0.79 0.00	26.33 -0.70 0.00	24.48 -0.63 0.00	23.08 -0.59 0.00	23.09 -0.57 0.00	24.38 -0.65 0.00	27.11 -0.78 0.00	28.71 -0.77 0.00	30.18 -0.81 0.00	31.14 -0.87 1.47	34.65 -0.89 0.00	35.76 -0.77 0.00	38.38 -0.78 0.00	41.54 -0.72 0.00	43.24 -0.79 0.00	47.97 -0.88 0.00	53.70 -0.93 0.00	58.70 -0.96 0.00	56.01 -0.91 0.00	47.51 -0.87 0.00	40.15 -0.78 2.54	37.69 -0.77 0.00	33.07 -0.74 1.20	32.15 -0.76 0.00
SITHE___BATAVIA 24024	29.85 0.41 0.00	27.70 0.68 0.00	25.70 0.60 0.00	24.10 0.43 0.00	24.28 0.61 0.00	25.63 0.60 0.00	28.15 0.25 0.00	29.80 0.32 0.00	31.57 0.59 0.00	34.09 0.60 0.00	36.49 0.96 0.00	38.17 1.65 0.00	41.19 2.04 0.00	45.34 3.08 0.00	46.72 2.69 0.00	51.69 2.83 0.00	58.18 3.55 0.00	63.89 4.24 0.00	61.14 4.21 0.00	51.28 2.90 0.00	45.99 2.52 0.00	40.38 1.92 0.00	36.89 1.89 0.00	34.48 1.58 0.00

SITHE___INDEPEND 23800	28.68 -0.77 0.00	26.43 -0.59 0.00	24.58 -0.53 0.00	23.20 -0.47 0.00	23.21 -0.45 0.00	24.50 -0.53 0.00	27.28 -0.61 0.00	28.71 -0.77 0.00	30.18 -0.81 0.00	31.14 -0.87 1.47	34.64 -0.89 0.00	35.76 -0.77 0.00	38.38 -0.78 0.00	41.54 -0.72 0.00	43.24 -0.79 0.00	47.97 -0.88 0.00	53.70 -0.93 0.00	58.64 -1.01 0.00	56.02 -0.91 0.00	47.51 -0.87 0.00	40.15 -0.78 2.54	37.61 -0.85 0.00	33.00 -0.81 1.20	32.12 -0.79 0.00
SITHE___MASSENA 23902	29.09 -0.35 0.00	26.70 -0.32 0.00	24.78 -0.33 0.00	23.36 -0.31 0.00	23.35 -0.31 0.00	24.73 -0.30 0.00	27.59 -0.31 0.00	29.15 -0.32 0.00	30.62 -0.37 0.00	33.05 -0.44 0.00	35.14 -0.39 0.00	35.94 -0.59 0.00	38.38 -0.78 0.00	41.49 -0.76 0.00	43.24 -0.79 0.00	47.68 -1.17 0.00	52.67 -1.96 0.00	57.51 -2.15 0.00	54.88 -2.05 0.00	46.59 -1.79 0.00	41.99 -1.48 0.00	36.96 -1.50 0.00	34.27 -0.74 0.00	32.18 -0.72 0.00
SITHE___OGDNSBRG 24021	29.26 -0.18 0.00	26.84 -0.19 0.00	24.90 -0.20 0.00	23.46 -0.21 0.00	23.47 -0.19 0.00	24.88 -0.15 0.00	27.73 -0.17 0.00	29.30 -0.18 0.00	30.71 -0.28 0.00	33.08 -0.40 0.00	35.14 -0.39 0.00	35.90 -0.62 0.00	38.34 -0.82 0.00	41.45 -0.80 0.00	43.28 -0.75 0.00	47.68 -1.17 0.00	52.61 -2.02 0.00	57.57 -2.09 0.00	54.99 -1.94 0.00	46.83 -1.55 0.00	42.30 -1.17 0.00	37.84 -0.62 0.00	34.44 -0.56 0.00	32.28 -0.63 0.00
SITHE___STERLING 23777	30.47 1.03 0.00	27.92 0.89 0.00	25.93 0.83 0.00	24.41 0.73 0.00	24.42 0.76 0.00	25.86 0.82 0.00	28.84 0.95 0.00	30.51 1.03 0.00	32.04 1.05 0.00	34.67 1.10 -0.08	36.67 1.14 0.00	37.95 1.42 0.00	40.77 1.61 0.00	44.16 1.90 0.00	46.10 2.07 0.00	51.20 2.34 0.00	57.36 2.73 0.00	62.70 3.04 0.00	59.94 3.02 0.00	50.94 2.56 0.00	45.96 2.35 -0.14	40.34 1.88 0.00	36.57 1.50 -0.07	34.16 1.25 0.00
SLEIGHT___34_KV_TB1 80719	29.44 0.00 0.00	26.97 -0.05 0.00	25.13 0.03 0.00	23.70 0.02 0.00	23.76 0.09 0.00	25.18 0.15 0.00	27.90 0.00 0.00	29.53 0.06 0.00	31.11 0.12 0.00	33.77 0.23 -0.06	35.96 0.43 0.00	37.37 0.84 0.00	40.22 1.06 0.00	43.90 1.65 0.00	45.53 1.50 0.00	50.42 1.56 0.00	56.55 1.91 0.00	61.63 1.97 0.00	59.09 2.16 0.00	49.83 1.45 0.00	44.83 1.26 -0.10	39.07 0.62 0.00	35.57 0.53 -0.05	33.30 0.39 0.00
SOUTH CAIRO___GT 23612	31.27 1.83 0.00	28.60 1.57 0.00	26.58 1.48 0.00	25.04 1.37 0.00	25.06 1.40 0.00	26.41 1.38 0.00	29.46 1.56 0.00	30.77 1.30 0.00	32.35 1.36 0.00	34.85 1.37 0.00	36.78 1.24 0.00	37.69 1.17 0.00	40.57 1.41 0.00	43.73 1.48 0.00	45.71 1.67 0.00	50.86 2.00 0.00	57.31 2.68 0.00	63.36 3.70 0.00	60.86 3.93 0.00	51.89 3.14 -0.37	46.62 2.78 -0.37	41.04 2.58 0.00	37.00 2.00 0.00	34.91 2.01 0.00
SOUTH HAMPTN___IC 23720	35.46 2.80 -3.22	32.63 2.54 -3.06	28.88 2.33 -1.44	25.92 2.25 0.00	27.05 2.15 -1.23	28.88 2.43 -1.42	31.66 2.79 -0.97	34.78 2.77 -2.53	36.97 3.28 -2.70	37.09 3.58 -0.02	39.19 3.66 0.00	40.58 4.05 0.00	43.12 3.95 0.00	46.61 4.35 0.00	48.48 4.45 0.00	53.74 4.88 0.00	60.32 5.68 0.00	65.51 5.85 0.00	62.05 5.13 0.00	52.77 4.30 -0.09	47.39 3.83 -0.10	41.93 3.46 0.00	37.06 2.06 0.01	35.60 2.70 0.00
SOUTHDOW___115KV_TB1 355954	30.82 1.38 0.00	27.97 0.95 0.00	26.16 1.05 0.00	24.81 1.14 0.00	24.89 1.23 0.00	26.48 1.45 0.00	29.07 1.17 0.00	31.24 1.77 0.00	33.03 2.05 0.00	35.52 2.04 0.00	38.30 2.77 0.00	40.14 3.62 0.00	43.35 4.19 0.00	47.92 5.66 0.00	49.10 5.06 0.00	54.37 5.52 0.00	61.13 6.50 0.00	65.62 5.97 0.00	63.70 6.77 0.00	53.55 5.18 0.00	47.99 4.52 0.00	41.38 2.92 0.00	37.70 2.70 0.00	35.21 2.30 0.00
SOUTHOLD_69_KV_BK 2 55809	35.93 3.27 -3.22	32.98 2.89 -3.06	29.20 2.66 -1.44	26.20 2.53 0.00	27.38 2.48 -1.23	29.16 2.70 -1.42	31.94 3.07 -0.97	35.31 3.30 -2.53	37.69 4.00 -2.70	37.82 4.32 -0.02	40.15 4.62 0.00	41.68 5.15 0.00	44.22 5.05 0.00	47.79 5.54 0.00	49.67 5.64 0.00	55.11 6.25 0.00	61.95 7.32 0.00	67.29 7.64 0.00	63.65 6.72 0.00	53.98 5.52 -0.09	48.35 4.78 -0.10	42.69 4.23 0.00	37.83 2.84 0.01	36.33 3.42 0.00
SOUTHOLD___IC 23719	35.99 3.33 -3.22	33.09 3.00 -3.06	29.33 2.79 -1.44	26.35 2.67 0.00	27.52 2.63 -1.23	29.33 2.88 -1.42	32.13 3.26 -0.97	35.34 3.33 -2.53	37.69 4.00 -2.70	37.85 4.35 -0.02	40.15 4.62 0.00	41.68 5.15 0.00	44.22 5.05 0.00	47.79 5.53 0.00	49.67 5.64 0.00	55.11 6.25 0.00	61.96 7.32 0.00	67.23 7.58 0.00	63.64 6.71 0.00	53.98 5.51 -0.09	48.35 4.78 -0.10	42.73 4.27 0.00	37.65 2.66 0.01	36.13 3.23 0.00
SOUTH_FORK_WT_PWR 323839	35.96 3.30 -3.22	33.06 2.97 -3.06	29.33 2.79 -1.44	26.35 2.67 0.00	27.52 2.63 -1.23	29.33 2.88 -1.42	32.13 3.26 -0.97	35.34 3.33 -2.53	37.69 4.00 -2.70	37.85 4.35 -0.02	40.19 4.65 0.00	41.68 5.15 0.00	44.22 5.05 0.00	47.75 5.49 0.00	49.63 5.59 0.00	55.06 6.21 0.00	61.90 7.27 0.00	67.17 7.52 0.00	63.53 6.60 0.00	53.84 5.37 -0.09	48.22 4.65 -0.10	42.62 4.15 0.00	37.52 2.52 0.01	36.03 3.13 0.00
SPIERFLS_115KV_TB 1 80737	31.38 1.94 0.00	28.81 1.78 0.00	26.63 1.53 0.00	25.07 1.40 0.00	25.08 1.42 0.00	26.58 1.55 0.00	29.63 1.73 0.00	31.30 1.83 0.00	32.97 1.98 0.00	35.66 2.18 0.00	37.34 1.81 0.00	38.61 2.08 0.00	41.47 2.31 0.00	44.41 2.15 0.00	46.50 2.47 0.00	51.69 2.83 0.00	58.02 3.39 0.00	63.95 4.30 0.00	61.88 4.95 0.00	53.77 4.40 -0.99	48.65 4.17 -1.01	41.88 3.42 0.00	37.59 2.59 0.00	35.18 2.27 0.00
ST LAWRENCE____ 23600	28.85 -0.59 0.00	26.49 -0.54 0.00	24.57 -0.53 0.00	23.17 -0.50 0.00	23.16 -0.50 0.00	24.53 -0.50 0.00	27.36 -0.53 0.00	28.92 -0.56 0.00	30.40 -0.59 0.00	32.84 -0.64 0.00	34.89 -0.64 0.00	35.65 -0.88 0.00	38.14 -1.02 0.00	41.20 -1.05 0.00	42.93 -1.10 0.00	47.39 -1.46 0.00	52.72 -1.91 0.00	57.57 -2.09 0.00	54.93 -1.99 0.00	46.64 -1.74 0.00	41.99 -1.48 0.00	37.08 -1.38 0.00	34.06 -0.94 0.00	31.98 -0.92 0.00
STATE_CA_115KV_115_LB 55624	30.32 0.88 0.00	27.81 0.78 0.00	25.81 0.70 0.00	24.33 0.66 0.00	24.30 0.64 0.00	25.68 0.65 0.00	28.62 0.73 0.00	30.27 0.80 0.00	31.82 0.84 0.00	34.39 0.90 0.00	36.42 0.89 0.00	37.55 1.02 0.00	40.26 1.10 0.00	43.31 1.06 0.00	45.27 1.23 0.00	50.32 1.47 0.00	56.44 1.80 0.00	61.81 2.15 0.00	58.92 1.99 0.00	50.85 1.79 -0.68	45.73 1.56 -0.69	39.88 1.42 0.00	36.05 1.05 0.00	33.96 1.05 0.00
STATE_ST_34_KV_LOAD 55959	29.74 0.29 0.00	27.30 0.27 0.00	25.38 0.28 0.00	23.91 0.24 0.00	23.95 0.28 0.00	25.36 0.33 0.00	28.23 0.33 0.00	29.86 0.38 0.00	31.33 0.34 0.00	34.15 0.44 -0.24	36.06 0.53 0.00	37.37 0.84 0.00	40.14 0.98 0.00	43.65 1.39 0.00	45.44 1.41 0.00	50.37 1.51 0.00	56.49 1.86 0.00	61.69 2.03 0.00	58.98 2.05 0.00	49.93 1.55 0.00	45.31 1.43 -0.41	39.34 0.88 0.00	35.96 0.77 -0.19	33.46 0.56 0.00

STATION 5_MISC_HYD 23604	29.41 -0.03 0.00	27.22 0.19 0.00	25.25 0.15 0.00	23.72 0.05 0.00	23.85 0.19 0.00	25.18 0.15 0.00	27.78 -0.11 0.00	29.39 -0.09 0.00	31.08 0.09 0.00	33.65 0.17 0.00	35.96 0.43 0.00	37.44 0.91 0.00	40.33 1.17 0.00	44.11 1.86 0.00	45.62 1.58 0.00	50.76 1.90 0.00	56.93 2.29 0.00	62.40 2.75 0.00	59.66 2.73 0.00	50.17 1.79 0.00	44.99 1.52 0.00	39.53 1.08 0.00	36.02 1.02 0.00	33.66 0.76 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.76 0.32 0.00	27.24 0.22 0.00	25.38 0.28 0.00	23.96 0.28 0.00	24.02 0.35 0.00	25.46 0.43 0.00	28.17 0.28 0.00	29.86 0.38 0.00	31.48 0.50 0.00	34.14 0.60 -0.06	36.38 0.85 0.00	37.84 1.31 0.00	40.73 1.57 0.00	44.49 2.24 0.00	46.10 2.07 0.00	51.10 2.25 0.00	57.31 2.68 0.00	62.52 2.86 0.00	60.00 3.07 0.00	50.51 2.13 0.00	45.44 1.87 -0.10	39.57 1.12 0.00	36.00 0.95 -0.05	33.66 0.76 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.38 -0.06 0.00	26.87 -0.16 0.00	25.08 -0.03 0.00	23.70 0.02 0.00	23.76 0.09 0.00	25.16 0.13 0.00	27.76 -0.14 0.00	29.39 -0.09 0.00	31.05 0.06 0.00	33.62 0.13 0.00	35.92 0.39 0.00	37.40 0.88 0.00	40.30 1.14 0.00	44.07 1.82 0.00	45.62 1.59 0.00	50.51 1.66 0.00	56.66 2.02 0.00	61.69 2.03 0.00	59.32 2.39 0.00	49.93 1.55 0.00	44.77 1.30 0.00	39.07 0.62 0.00	35.53 0.53 0.00	33.33 0.43 0.00
STA_56____34_KV_BUS2 355983	29.38 -0.06 0.00	26.87 -0.16 0.00	25.08 -0.03 0.00	23.70 0.02 0.00	23.76 0.09 0.00	25.16 0.13 0.00	27.76 -0.14 0.00	29.39 -0.09 0.00	31.05 0.06 0.00	33.62 0.13 0.00	35.92 0.39 0.00	37.40 0.88 0.00	40.30 1.14 0.00	44.07 1.82 0.00	45.62 1.59 0.00	50.51 1.66 0.00	56.66 2.02 0.00	61.69 2.03 0.00	59.32 2.39 0.00	49.93 1.55 0.00	44.77 1.30 0.00	39.07 0.62 0.00	35.53 0.53 0.00	33.33 0.43 0.00
STA_67____115KV_BK2 355882	29.41 -0.03 0.00	26.92 -0.11 0.00	25.13 0.03 0.00	23.74 0.07 0.00	23.83 0.17 0.00	25.21 0.18 0.00	27.81 -0.08 0.00	29.42 -0.06 0.00	31.08 0.09 0.00	33.62 0.13 0.00	35.92 0.39 0.00	37.40 0.88 0.00	40.30 1.14 0.00	44.11 1.86 0.00	45.57 1.54 0.00	50.61 1.76 0.00	56.76 2.13 0.00	61.81 2.15 0.00	59.43 2.50 0.00	50.02 1.64 0.00	44.86 1.39 0.00	39.19 0.73 0.00	35.63 0.63 0.00	33.46 0.56 0.00
STA_7____115KV_9TRANS 80674	29.85 0.41 0.00	27.27 0.24 0.00	25.45 0.35 0.00	24.03 0.36 0.00	24.11 0.45 0.00	25.53 0.50 0.00	28.15 0.25 0.00	29.83 0.35 0.00	31.54 0.56 0.00	34.18 0.70 0.00	36.53 0.99 0.00	38.13 1.61 0.00	41.08 1.92 0.00	45.00 2.75 0.00	46.54 2.51 0.00	51.15 2.30 0.00	57.37 2.73 0.00	62.40 2.74 0.00	60.06 3.13 0.00	50.55 2.18 0.00	45.34 1.87 0.00	39.57 1.12 0.00	35.95 0.95 0.00	33.73 0.82 0.00
STA_82____115KV_TB1 80780	29.47 0.03 0.00	26.95 -0.08 0.00	25.18 0.08 0.00	23.77 0.09 0.00	23.85 0.19 0.00	25.26 0.23 0.00	27.84 -0.06 0.00	29.45 -0.03 0.00	31.11 0.12 0.00	33.68 0.20 0.00	35.99 0.46 0.00	37.47 0.95 0.00	40.37 1.21 0.00	44.20 1.94 0.00	45.71 1.67 0.00	50.61 1.76 0.00	56.82 2.19 0.00	61.81 2.15 0.00	59.49 2.56 0.00	50.02 1.64 0.00	44.86 1.39 0.00	39.19 0.73 0.00	35.63 0.63 0.00	33.50 0.59 0.00
STEEL____WIND 323596	29.50 0.06 0.00	27.46 0.43 0.00	25.50 0.40 0.00	23.91 0.24 0.00	24.11 0.45 0.00	25.46 0.43 0.00	27.92 0.03 0.00	29.51 0.03 0.00	31.33 0.34 0.00	33.75 0.27 0.00	36.31 0.78 0.00	37.95 1.42 0.00	40.96 1.80 0.00	45.25 3.00 0.00	46.45 2.42 0.00	51.49 2.64 0.00	58.13 3.50 0.00	63.59 3.94 0.00	60.74 3.13 0.00	50.89 2.51 0.00	45.51 2.04 0.00	40.00 1.54 0.00	36.51 1.50 0.00	34.09 1.18 0.00
STEPHTWN_115KV_BK_2 55603	30.50 1.06 0.00	27.95 0.92 0.00	25.93 0.83 0.00	24.45 0.78 0.00	24.42 0.76 0.00	25.83 0.80 0.00	28.79 0.89 0.00	30.45 0.97 0.00	31.98 0.99 0.00	34.55 1.07 0.00	36.60 1.07 0.00	37.69 1.17 0.00	40.41 1.25 0.00	43.52 1.27 0.00	45.53 1.50 0.00	50.71 1.86 0.00	56.87 2.24 0.00	62.40 2.74 0.00	59.55 2.62 0.00	51.24 2.32 -0.54	46.02 2.00 -0.55	40.23 1.77 0.00	36.37 1.37 0.00	34.22 1.32 0.00
STEUBEN_REC_LFGE 323667	30.12 0.68 0.00	27.60 0.57 0.00	25.75 0.65 0.00	24.36 0.69 0.00	24.44 0.78 0.00	25.96 0.93 0.00	28.65 0.75 0.00	30.54 1.06 0.00	32.13 1.15 0.00	34.76 1.21 -0.08	36.99 1.46 0.00	38.53 2.01 0.00	41.51 2.35 0.00	45.63 3.38 0.00	46.98 2.95 0.00	52.13 3.27 0.00	58.57 3.93 0.00	63.65 4.00 0.00	61.20 4.27 0.00	51.52 3.14 0.00	46.35 2.74 -0.14	40.19 1.73 0.00	36.61 1.54 -0.06	34.12 1.22 0.00
STILLWATER____SOLAR 323814	31.41 1.97 0.00	28.87 1.84 0.00	26.73 1.63 0.00	25.19 1.52 0.00	25.18 1.52 0.00	26.71 1.68 0.00	29.74 1.84 0.00	31.39 1.91 0.00	32.94 1.95 0.00	35.59 2.11 0.00	37.56 2.02 0.00	38.75 2.23 0.00	41.59 2.43 0.00	44.75 2.49 0.00	46.76 2.73 0.00	51.98 3.13 0.00	58.35 3.72 0.00	64.13 4.48 0.00	61.60 4.67 0.00	53.48 4.16 -0.94	48.21 3.78 -0.96	41.73 3.27 0.00	37.52 2.52 0.00	35.21 2.30 0.00
STONY____BROOK 24151	35.31 2.65 -3.22	32.47 2.38 -3.06	28.73 2.18 -1.44	25.75 2.08 0.00	26.90 2.01 -1.23	28.68 2.23 -1.42	31.43 2.56 -0.97	34.66 2.65 -2.53	36.64 2.95 -2.70	36.72 3.21 -0.02	38.59 3.06 0.00	39.85 3.32 0.00	42.30 3.13 0.00	45.72 3.47 0.00	47.56 3.52 0.00	52.47 3.62 0.00	58.84 4.21 0.00	63.89 4.24 0.00	60.57 3.65 0.00	51.61 3.14 -0.09	46.70 3.13 -0.10	41.31 2.85 0.00	36.78 1.78 0.01	35.34 2.43 0.00
STURGEON_POOL_HYD 23609	31.03 1.59 0.00	28.35 1.32 0.00	26.28 1.18 0.00	24.78 1.11 0.00	24.73 1.06 0.00	26.13 1.10 0.00	29.23 1.34 0.00	30.95 1.47 0.00	32.69 1.70 0.00	35.36 1.87 0.00	37.42 1.88 0.00	38.46 1.94 0.00	41.24 2.08 0.00	44.32 2.07 0.00	46.23 2.20 0.00	51.54 2.69 0.00	57.58 2.95 0.00	62.76 3.10 0.00	59.66 2.73 0.00	50.71 2.18 -0.15	45.45 1.83 -0.16	40.46 2.00 0.00	36.68 1.68 0.00	34.65 1.74 0.00
ST_LAW_115_BK7_LBMP 345037	28.82 -0.62 0.00	26.43 -0.59 0.00	24.55 -0.55 0.00	23.13 -0.54 0.00	23.14 -0.52 0.00	24.48 -0.55 0.00	27.31 -0.59 0.00	28.89 -0.59 0.00	30.33 -0.65 0.00	32.78 -0.70 0.00	34.82 -0.71 0.00	35.58 -0.95 0.00	38.06 -1.10 0.00	41.07 -1.18 0.00	42.85 -1.19 0.00	47.29 -1.57 0.00	52.56 -2.08 0.00	57.39 -2.27 0.00	54.76 -2.16 0.00	46.49 -1.89 0.00	41.86 -1.61 0.00	36.92 -1.54 0.00	33.99 -1.02 0.00	31.92 -0.99 0.00
ST_LAW_115_BK8_LBMP 345038	28.82 -0.62 0.00	26.43 -0.59 0.00	24.55 -0.55 0.00	23.13 -0.54 0.00	23.14 -0.52 0.00	24.48 -0.55 0.00	27.31 -0.59 0.00	28.89 -0.59 0.00	30.33 -0.65 0.00	32.78 -0.70 0.00	34.82 -0.71 0.00	35.58 -0.95 0.00	38.06 -1.10 0.00	41.07 -1.18 0.00	42.85 -1.19 0.00	47.29 -1.57 0.00	52.56 -2.08 0.00	57.39 -2.27 0.00	54.76 -2.16 0.00	46.49 -1.89 0.00	41.86 -1.61 0.00	36.92 -1.54 0.00	33.99 -1.02 0.00	31.92 -0.99 0.00

ST_LAW_230_BK5_LBMP 345035	28.85 -0.59 0.00	26.49 -0.54 0.00	24.57 -0.53 0.00	23.17 -0.50 0.00	23.16 -0.50 0.00	24.53 -0.50 0.00	27.36 -0.53 0.00	28.92 -0.56 0.00	30.40 -0.59 0.00	32.84 -0.64 0.00	34.89 -0.64 0.00	35.65 -0.88 0.00	38.14 -1.02 0.00	41.20 -1.05 0.00	42.93 -1.10 0.00	47.39 -1.46 0.00	52.72 -1.91 0.00	57.57 -2.09 0.00	54.93 -1.99 0.00	46.64 -1.74 0.00	41.99 -1.48 0.00	37.08 -1.38 0.00	34.06 -0.94 0.00	31.98 -0.92 0.00
ST_LAW_230_BK6_LBMP 345036	28.85 -0.59 0.00	26.49 -0.54 0.00	24.57 -0.53 0.00	23.17 -0.50 0.00	23.16 -0.50 0.00	24.53 -0.50 0.00	27.36 -0.53 0.00	28.92 -0.56 0.00	30.40 -0.59 0.00	32.84 -0.64 0.00	34.89 -0.64 0.00	35.65 -0.88 0.00	38.14 -1.02 0.00	41.20 -1.05 0.00	42.93 -1.10 0.00	47.39 -1.46 0.00	52.72 -1.91 0.00	57.57 -2.09 0.00	54.93 -1.99 0.00	46.64 -1.74 0.00	41.99 -1.48 0.00	37.08 -1.38 0.00	34.06 -0.94 0.00	31.98 -0.92 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.88 1.44 0.00	28.27 1.24 0.00	26.21 1.10 0.00	24.71 1.04 0.00	24.66 0.99 0.00	26.08 1.05 0.00	29.12 1.23 0.00	30.86 1.39 0.00	32.54 1.55 0.00	35.19 1.71 0.00	37.20 1.67 0.00	38.31 1.79 0.00	41.08 1.92 0.00	44.20 1.94 0.00	46.06 2.03 0.00	51.34 2.49 0.00	57.42 2.79 0.00	62.58 2.92 0.00	59.55 2.62 0.00	50.83 2.37 -0.08	45.60 2.04 -0.08	40.38 1.92 0.00	36.58 1.58 0.00	34.52 1.61 0.00
SWANROAD_115KV_TB1 355699	28.65 -0.79 0.00	26.14 -0.89 0.00	24.58 -0.53 0.00	23.27 -0.40 0.00	23.40 -0.26 0.00	24.81 -0.23 0.00	27.06 -0.84 0.00	28.47 -1.00 0.00	30.24 -0.74 0.00	32.54 -0.94 0.00	35.00 -0.53 0.00	36.53 0.00 0.00	39.39 0.23 0.00	43.56 1.31 0.00	44.69 0.66 0.00	49.49 0.64 0.00	55.84 1.20 0.00	60.43 0.78 0.00	58.52 1.59 0.00	49.01 0.63 0.00	43.82 0.35 0.00	38.15 -0.31 0.00	34.90 -0.11 0.00	33.07 0.16 0.00
SYNERGY___BIOGAS 323694	29.85 0.41 0.00	27.70 0.68 0.00	25.70 0.60 0.00	24.10 0.43 0.00	24.28 0.61 0.00	25.63 0.60 0.00	28.15 0.25 0.00	29.80 0.32 0.00	31.57 0.59 0.00	34.09 0.60 0.00	36.49 0.96 0.00	38.17 1.65 0.00	41.19 2.04 0.00	45.34 3.08 0.00	46.72 2.69 0.00	51.69 2.83 0.00	58.18 3.55 0.00	63.89 4.24 0.00	61.14 4.21 0.00	51.28 2.90 0.00	45.99 2.52 0.00	40.38 1.92 0.00	36.89 1.89 0.00	34.48 1.58 0.00
SYRACUSE___ENERGY_ST1 323597	29.50 0.06 0.00	27.14 0.11 0.00	25.20 0.10 0.00	23.77 0.09 0.00	23.78 0.12 0.00	25.16 0.13 0.00	28.01 0.11 0.00	29.59 0.12 0.00	31.08 0.09 0.00	33.90 0.13 -0.28	35.71 0.18 0.00	36.93 0.40 0.00	39.67 0.51 0.00	43.01 0.76 0.00	44.83 0.79 0.00	49.68 0.83 0.00	55.67 1.04 0.00	60.73 1.07 0.00	58.01 1.08 0.00	49.15 0.77 0.00	44.69 0.74 -0.49	38.84 0.38 0.00	35.55 0.32 -0.23	33.14 0.23 0.00
SYRACUSE___ENERGY_ST2 323598	29.50 0.06 0.00	27.14 0.11 0.00	25.20 0.10 0.00	23.77 0.09 0.00	23.78 0.12 0.00	25.16 0.13 0.00	28.01 0.11 0.00	29.59 0.12 0.00	31.08 0.09 0.00	33.90 0.13 -0.28	35.71 0.18 0.00	36.93 0.40 0.00	39.67 0.51 0.00	43.01 0.76 0.00	44.83 0.79 0.00	49.68 0.83 0.00	55.67 1.04 0.00	60.73 1.07 0.00	58.01 1.08 0.00	49.15 0.77 0.00	44.69 0.74 -0.49	38.84 0.38 0.00	35.55 0.32 -0.23	33.14 0.23 0.00
SYRACUSE___POWER 24017	29.35 -0.09 0.00	26.97 -0.05 0.00	25.08 -0.03 0.00	23.65 -0.02 0.00	23.66 0.00 0.00	25.03 0.00 0.00	27.87 -0.03 0.00	29.45 -0.03 0.00	30.96 -0.03 0.00	33.67 0.00 -0.19	35.60 0.07 0.00	36.82 0.29 0.00	39.55 0.39 0.00	42.85 0.59 0.00	44.65 0.62 0.00	49.49 0.64 0.00	55.45 0.82 0.00	60.49 0.84 0.00	57.78 0.85 0.00	49.01 0.63 0.00	44.36 0.57 -0.32	38.69 0.23 0.00	35.33 0.18 -0.15	32.97 0.07 0.00
TALLMAN___138KV_BK151 55660	31.00 1.56 0.00	28.38 1.35 0.00	26.31 1.20 0.00	24.81 1.14 0.00	24.75 1.09 0.00	26.21 1.18 0.00	29.26 1.37 0.00	31.04 1.56 0.00	32.72 1.74 0.00	35.39 1.91 0.00	37.38 1.85 0.00	38.53 2.01 0.00	41.27 2.11 0.00	44.41 2.15 0.00	46.32 2.29 0.00	51.64 2.78 0.00	57.69 3.06 0.00	62.82 3.16 0.00	59.72 2.79 0.00	50.98 2.52 -0.09	45.73 2.17 -0.09	40.57 2.12 0.00	36.72 1.72 0.00	34.68 1.78 0.00
TEALLAVE_115KV_TB7 355573	29.35 -0.09 0.00	27.00 -0.03 0.00	25.10 0.00 0.00	23.67 0.00 0.00	23.69 0.02 0.00	25.06 0.03 0.00	27.90 0.00 0.00	29.48 0.00 0.00	30.96 -0.03 0.00	33.63 0.00 -0.15	35.60 0.07 0.00	36.82 0.29 0.00	39.55 0.39 0.00	42.89 0.63 0.00	44.65 0.62 0.00	49.49 0.64 0.00	55.45 0.82 0.00	60.49 0.84 0.00	57.78 0.85 0.00	49.01 0.63 0.00	44.29 0.57 -0.26	38.69 0.23 0.00	35.30 0.18 -0.12	33.00 0.10 0.00
TELGRAPH_34_KV_EAST 80808	29.35 -0.09 0.00	26.76 -0.27 0.00	25.10 0.00 0.00	23.74 0.07 0.00	23.88 0.21 0.00	25.31 0.28 0.00	27.67 -0.22 0.00	29.27 -0.21 0.00	31.02 0.03 0.00	33.45 -0.03 0.00	35.89 0.36 0.00	37.51 0.99 0.00	40.45 1.29 0.00	44.62 2.37 0.00	45.88 1.85 0.00	50.76 1.91 0.00	57.26 2.62 0.00	61.98 2.33 0.00	60.00 3.07 0.00	50.31 1.94 0.00	45.03 1.56 0.00	39.15 0.69 0.00	35.77 0.77 0.00	33.86 0.95 0.00
TEMPLE___115KV_TB 2 55572	29.38 -0.06 0.00	27.00 -0.03 0.00	25.10 0.00 0.00	23.67 0.00 0.00	23.71 0.05 0.00	25.06 0.03 0.00	27.90 0.00 0.00	29.48 0.00 0.00	30.99 0.00 0.00	33.66 0.03 -0.15	35.64 0.11 0.00	36.85 0.33 0.00	39.59 0.43 0.00	42.93 0.68 0.00	44.69 0.66 0.00	49.54 0.68 0.00	55.51 0.87 0.00	60.55 0.89 0.00	57.84 0.91 0.00	49.01 0.63 0.00	44.29 0.57 -0.26	38.69 0.23 0.00	35.30 0.18 -0.12	33.00 0.10 0.00
TIANA___69_KV_BK 1 55817	35.28 2.62 -3.22	32.41 2.32 -3.06	28.65 2.11 -1.44	25.66 1.99 0.00	26.83 1.94 -1.23	28.61 2.15 -1.42	31.35 2.48 -0.97	34.63 2.62 -2.53	36.79 3.10 -2.70	36.85 3.35 -0.02	38.94 3.41 0.00	40.36 3.84 0.00	42.84 3.68 0.00	46.36 4.10 0.00	48.22 4.18 0.00	53.45 4.59 0.00	59.99 5.35 0.00	65.15 5.49 0.00	61.71 4.78 0.00	52.53 4.06 -0.09	47.17 3.61 -0.10	41.73 3.27 0.00	37.13 2.14 0.01	35.67 2.76 0.00
TILDEN___115KV_TB1 80814	29.35 -0.09 0.00	26.97 -0.05 0.00	25.08 -0.03 0.00	23.65 -0.02 0.00	23.66 0.00 0.00	25.03 0.00 0.00	27.87 -0.03 0.00	29.45 -0.03 0.00	30.96 -0.03 0.00	33.67 0.00 -0.19	35.60 0.07 0.00	36.82 0.29 0.00	39.55 0.39 0.00	42.85 0.59 0.00	44.65 0.62 0.00	49.49 0.64 0.00	55.45 0.82 0.00	60.49 0.84 0.00	57.78 0.85 0.00	49.01 0.63 0.00	44.36 0.57 -0.32	38.69 0.23 0.00	35.33 0.18 -0.15	32.97 0.07 0.00
TRIGEN___CC 323695	34.99 2.33 -3.22	32.09 2.00 -3.06	28.32 1.78 -1.44	25.33 1.66 0.00	26.53 1.63 -1.23	28.21 1.75 -1.42	30.93 2.06 -0.97	34.37 2.36 -2.53	36.29 2.60 -2.70	36.35 2.85 -0.02	38.16 2.63 0.00	39.52 3.00 0.00	42.06 2.90 0.00	45.38 3.13 0.00	47.25 3.21 0.00	52.47 3.62 0.00	58.73 4.10 0.00	63.83 4.18 0.00	60.51 3.59 0.00	51.61 3.14 -0.09	46.39 2.83 -0.09	41.15 2.69 0.00	37.17 2.17 0.00	35.37 2.47 0.00

TRINITY__115KV__4 BK 55933	30.18 0.74 0.00	27.65 0.62 0.00	25.68 0.58 0.00	24.22 0.54 0.00	24.21 0.54 0.00	25.58 0.55 0.00	28.48 0.59 0.00	30.12 0.65 0.00	31.64 0.65 0.00	34.18 0.70 0.00	36.24 0.71 0.00	37.29 0.77 0.00	39.98 0.82 0.00	43.01 0.76 0.00	44.91 0.88 0.00	49.98 1.12 0.00	56.05 1.42 0.00	61.33 1.67 0.00	58.52 1.59 0.00	50.39 1.45 -0.57	45.30 1.26 -0.57	39.61 1.15 0.00	35.88 0.88 0.00	33.79 0.89 0.00
UNION__PROCESSING_DRP 323587	29.47 0.03 0.00	26.97 -0.05 0.00	25.18 0.08 0.00	23.79 0.12 0.00	23.85 0.19 0.00	25.26 0.23 0.00	27.87 -0.03 0.00	29.48 0.00 0.00	31.14 0.15 0.00	33.68 0.20 0.00	35.99 0.46 0.00	37.51 0.99 0.00	40.37 1.21 0.00	44.20 1.94 0.00	45.71 1.67 0.00	50.61 1.76 0.00	56.82 2.19 0.00	61.81 2.15 0.00	59.49 2.56 0.00	50.07 1.69 0.00	44.90 1.43 0.00	39.19 0.73 0.00	35.67 0.67 0.00	33.50 0.59 0.00
UPPER HUDSON__HYD 24058	31.38 1.94 0.00	28.87 1.84 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.13 1.47 0.00	26.66 1.63 0.00	29.74 1.84 0.00	31.36 1.89 0.00	32.97 1.98 0.00	35.66 2.18 0.00	37.34 1.81 0.00	38.61 2.08 0.00	41.43 2.27 0.00	44.41 2.15 0.00	46.50 2.46 0.00	51.69 2.83 0.00	58.02 3.39 0.00	63.89 4.24 0.00	61.88 4.95 0.00	53.77 4.40 -0.99	48.65 4.17 -1.01	41.96 3.50 0.00	37.59 2.59 0.00	35.17 2.27 0.00
UPPER RAQUET__HYD 24056	28.56 -0.88 0.00	26.22 -0.81 0.00	24.30 -0.80 0.00	22.91 -0.76 0.00	22.90 -0.76 0.00	24.28 -0.75 0.00	27.03 -0.86 0.00	28.56 -0.91 0.00	29.96 -1.02 0.00	32.39 -1.14 -0.05	34.36 -1.17 0.00	35.14 -1.39 0.00	37.52 -1.64 0.00	40.56 -1.69 0.00	42.31 -1.72 0.00	46.56 -2.30 0.00	51.30 -3.33 0.00	56.08 -3.58 0.00	53.57 -3.36 0.00	45.52 -2.85 0.00	41.16 -2.39 -0.08	36.07 -2.38 0.00	33.50 -1.54 -0.04	31.36 -1.55 0.00
VALLEY44_115KV_TB2 355964	29.32 -0.12 0.00	26.68 -0.35 0.00	24.95 -0.15 0.00	23.67 0.00 0.00	23.76 0.09 0.00	25.28 0.25 0.00	27.67 -0.22 0.00	29.65 0.18 0.00	31.33 0.34 0.00	33.75 0.27 0.00	36.28 0.75 0.00	37.88 1.35 0.00	40.53 1.37 0.00	44.83 2.58 0.00	46.10 2.07 0.00	51.15 2.30 0.00	57.69 3.06 0.00	62.34 2.68 0.00	60.29 3.36 0.00	50.60 2.23 0.00	45.30 1.83 0.00	39.50 1.04 0.00	36.12 1.12 0.00	33.70 0.79 0.00
VALLEY__115KV_TB 1-4 80826	29.94 0.50 0.00	27.46 0.43 0.00	25.50 0.40 0.00	24.05 0.38 0.00	24.02 0.35 0.00	25.43 0.40 0.00	28.37 0.47 0.00	29.98 0.50 0.00	31.58 0.59 0.00	34.12 0.64 0.00	36.17 0.64 0.00	37.26 0.73 0.00	39.98 0.82 0.00	43.14 0.89 0.00	44.91 0.88 0.00	49.93 1.07 0.00	55.89 1.26 0.00	60.97 1.31 0.00	58.18 1.25 0.00	49.44 1.06 0.00	44.38 0.91 0.00	39.23 0.77 0.00	35.60 0.60 0.00	33.46 0.56 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.97 1.53 0.00	28.33 1.30 0.00	26.31 1.20 0.00	24.81 1.14 0.00	24.78 1.11 0.00	26.26 1.23 0.00	29.29 1.39 0.00	31.04 1.56 0.00	32.66 1.67 0.00	35.30 1.77 -0.05	37.38 1.85 0.00	38.64 2.12 0.00	41.47 2.31 0.00	44.75 2.49 0.00	46.67 2.64 0.00	51.93 3.08 0.00	58.08 3.44 0.00	63.42 3.76 0.00	60.57 3.64 0.00	51.65 3.14 -0.13	46.51 2.83 -0.21	40.84 2.38 0.00	37.00 1.96 -0.04	34.68 1.78 0.00
VISCHER__FERRY HYD 24020	30.83 1.38 0.00	28.27 1.24 0.00	26.28 1.18 0.00	24.76 1.09 0.00	24.75 1.09 0.00	26.21 1.18 0.00	29.21 1.31 0.00	30.80 1.33 0.00	32.32 1.33 0.00	34.89 1.41 0.00	36.95 1.42 0.00	38.06 1.53 0.00	40.80 1.64 0.00	43.90 1.65 0.00	45.84 1.81 0.00	50.95 2.10 0.00	57.26 2.62 0.00	62.70 3.04 0.00	59.94 3.02 0.00	51.92 2.71 -0.84	46.71 2.39 -0.85	40.65 2.19 0.00	36.68 1.68 0.00	34.52 1.61 0.00
V_A_10_SYNC_DSASP 323832	28.88 -0.56 0.00	26.89 -0.13 0.00	24.98 -0.12 0.00	23.43 -0.24 0.00	23.62 -0.05 0.00	24.91 -0.12 0.00	27.36 -0.53 0.00	28.80 -0.68 0.00	30.55 -0.43 0.00	32.94 -0.54 0.00	35.36 -0.18 0.00	36.85 0.33 0.00	39.71 0.55 0.00	43.65 1.39 0.00	44.96 0.93 0.00	49.78 0.93 0.00	56.05 1.42 0.00	61.45 1.79 0.00	58.75 1.82 0.00	49.29 0.92 0.00	44.12 0.65 0.00	38.84 0.38 0.00	35.49 0.49 0.00	33.23 0.33 0.00
V_CMM_10_SYNC_DSASP 323787	28.94 -0.50 0.00	26.57 -0.46 0.00	24.65 -0.45 0.00	23.25 -0.43 0.00	23.24 -0.43 0.00	24.60 -0.43 0.00	27.45 -0.45 0.00	29.03 -0.44 0.00	30.49 -0.50 0.00	32.94 -0.54 0.00	35.00 -0.53 0.00	35.76 -0.77 0.00	38.30 -0.86 0.00	41.32 -0.93 0.00	43.06 -0.97 0.00	47.54 -1.32 0.00	52.83 -1.80 0.00	57.69 -1.97 0.00	55.05 -1.88 0.00	46.73 -1.64 0.00	42.08 -1.39 0.00	37.11 -1.35 0.00	34.13 -0.87 0.00	32.08 -0.82 0.00
V_CMP_10_SYNC_DSASP 323788	30.26 0.82 0.00	27.76 0.73 0.00	25.70 0.60 0.00	24.19 0.52 0.00	24.23 0.57 0.00	25.71 0.68 0.00	28.81 0.92 0.00	30.48 1.00 0.00	32.04 1.05 0.00	34.69 1.20 0.00	37.02 1.49 0.00	37.95 1.42 0.00	40.65 1.49 0.00	43.99 1.73 0.00	45.88 1.85 0.00	49.00 0.15 0.00	54.14 -0.49 0.00	59.06 -0.60 0.00	56.41 -0.51 0.00	47.60 -0.78 0.00	43.43 -0.04 0.00	37.88 -0.58 0.00	34.51 -0.49 0.00	32.08 -0.82 0.00
V_D_10_SYNC_DSASP 323841	29.09 -0.35 0.00	26.70 -0.32 0.00	24.78 -0.33 0.00	23.36 -0.31 0.00	23.35 -0.31 0.00	24.73 -0.30 0.00	27.59 -0.31 0.00	29.15 -0.32 0.00	30.62 -0.37 0.00	33.08 -0.40 0.00	35.18 -0.36 0.00	35.94 -0.59 0.00	38.41 -0.75 0.00	41.49 -0.76 0.00	43.28 -0.75 0.00	47.68 -1.17 0.00	52.72 -1.91 0.00	57.57 -2.09 0.00	54.93 -1.99 0.00	46.64 -1.74 0.00	41.99 -1.48 0.00	37.00 -1.46 0.00	34.27 -0.74 0.00	32.21 -0.69 0.00
V_E_10_SYNC_DSASP 323830	32.12 2.68 0.00	29.43 2.40 0.00	27.28 2.18 0.00	25.66 1.99 0.00	25.65 1.99 0.00	27.23 2.20 0.00	30.41 2.51 0.00	32.25 2.77 0.00	33.71 2.73 0.00	36.34 2.75 -0.11	38.38 2.84 0.00	39.92 3.40 0.00	42.92 3.76 0.00	46.69 4.44 0.00	48.79 4.76 0.00	54.32 5.47 0.00	60.86 6.23 0.00	66.69 7.04 0.00	63.99 7.06 0.00	54.38 5.95 -0.06	49.20 5.48 -0.25	42.84 4.38 0.00	38.70 3.61 -0.09	35.90 2.99 0.00
V_F_30_NSYNC__DSASP 323816	31.50 2.06 0.00	28.95 1.92 0.00	26.81 1.71 0.00	25.26 1.59 0.00	25.25 1.59 0.00	26.76 1.73 0.00	29.82 1.92 0.00	31.45 1.98 0.00	33.03 2.04 0.00	35.69 2.21 0.00	37.66 2.13 0.00	38.86 2.34 0.00	41.70 2.54 0.00	44.87 2.62 0.00	46.89 2.86 0.00	52.18 3.32 0.00	58.57 3.94 0.00	64.37 4.71 0.00	61.82 4.90 0.00	53.64 4.30 -0.95	48.35 3.91 -0.97	41.84 3.39 0.00	37.63 2.63 0.00	35.31 2.40 0.00
V_F_30_SYNC_DSASP 323786	30.32 0.88 0.00	27.81 0.78 0.00	25.81 0.70 0.00	24.33 0.66 0.00	24.30 0.64 0.00	25.68 0.65 0.00	28.62 0.73 0.00	30.27 0.80 0.00	31.82 0.84 0.00	34.39 0.90 0.00	36.42 0.89 0.00	37.55 1.02 0.00	40.26 1.10 0.00	43.31 1.06 0.00	45.22 1.19 0.00	50.32 1.47 0.00	56.44 1.80 0.00	61.81 2.15 0.00	58.92 1.99 0.00	50.84 1.79 -0.67	45.72 1.56 -0.68	39.88 1.42 0.00	36.05 1.05 0.00	33.96 1.05 0.00

V_XM10_SYNC_DSASP 323789	30.26 0.82 0.00	27.76 0.73 0.00	25.70 0.60 0.00	24.19 0.52 0.00	24.23 0.57 0.00	25.71 0.68 0.00	28.81 0.92 0.00	30.48 1.00 0.00	32.04 1.05 0.00	34.69 1.20 0.00	37.02 1.49 0.00	37.95 1.42 0.00	40.65 1.49 0.00	43.99 1.73 0.00	45.88 1.85 0.00	49.00 0.15 0.00	54.14 -0.49 0.00	59.06 -0.60 0.00	56.41 -0.51 0.00	47.60 -0.78 0.00	43.43 -0.04 0.00	37.88 -0.58 0.00	34.51 -0.49 0.00	32.08 -0.82 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.09 1.65 0.00	28.46 1.43 0.00	26.38 1.28 0.00	24.88 1.21 0.00	24.82 1.16 0.00	26.28 1.25 0.00	29.35 1.45 0.00	31.10 1.62 0.00	32.78 1.80 0.00	35.46 1.98 0.00	37.49 1.95 0.00	38.61 2.08 0.00	41.39 2.23 0.00	44.54 2.28 0.00	46.41 2.38 0.00	51.74 2.88 0.00	57.80 3.17 0.00	63.00 3.34 0.00	59.89 2.96 0.00	51.12 2.66 -0.09	45.86 2.30 -0.09	40.65 2.19 0.00	36.82 1.82 0.00	34.75 1.84 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.53 2.09 0.00	28.78 1.76 0.00	26.66 1.56 0.00	25.12 1.44 0.00	25.04 1.37 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.66 2.18 0.00	33.40 2.42 0.00	36.13 2.65 0.00	38.16 2.63 0.00	39.37 2.85 0.00	42.14 2.98 0.00	45.21 2.96 0.00	47.11 3.08 0.00	52.57 3.71 0.00	58.62 3.99 0.00	63.71 4.06 0.00	60.46 3.53 0.00	51.71 3.24 -0.09	46.39 2.83 -0.09	41.15 2.69 0.00	37.35 2.35 0.00	35.27 2.37 0.00
W50THST__13_KV_LOAD 356117	31.68 2.24 0.00	28.92 1.89 0.00	26.76 1.66 0.00	25.23 1.56 0.00	25.15 1.49 0.00	26.66 1.63 0.00	29.90 2.01 0.00	31.86 2.39 0.00	33.62 2.63 0.00	36.36 2.88 0.00	38.45 2.91 0.00	39.67 3.14 0.00	42.45 3.29 0.00	45.55 3.30 0.00	47.47 3.43 0.00	52.96 4.10 0.00	59.06 4.43 0.00	64.19 4.53 0.00	60.91 3.98 0.00	52.05 3.58 -0.09	46.69 3.13 -0.09	41.38 2.92 0.00	37.52 2.52 0.00	35.44 2.53 0.00
WADING RIVER_IC_1 23522	34.87 2.21 -3.22	32.14 2.05 -3.06	28.37 1.83 -1.44	25.45 1.78 0.00	26.57 1.68 -1.23	28.41 1.95 -1.42	31.13 2.26 -0.97	34.19 2.18 -2.53	36.23 2.54 -2.70	36.25 2.75 -0.02	38.16 2.63 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.34 3.08 0.00	47.16 3.13 0.00	52.27 3.42 0.00	58.68 4.04 0.00	63.72 4.06 0.00	60.40 3.47 0.00	51.47 3.00 -0.09	46.35 2.78 -0.10	41.00 2.54 0.00	36.36 1.36 0.01	34.95 2.04 0.00
WADING RIVER_IC_2 23547	34.87 2.21 -3.22	32.14 2.05 -3.06	28.37 1.83 -1.44	25.45 1.78 0.00	26.57 1.68 -1.23	28.41 1.95 -1.42	31.13 2.26 -0.97	34.19 2.18 -2.53	36.23 2.54 -2.70	36.25 2.75 -0.02	38.16 2.63 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.34 3.08 0.00	47.16 3.13 0.00	52.27 3.42 0.00	58.68 4.04 0.00	63.72 4.06 0.00	60.40 3.47 0.00	51.47 3.00 -0.09	46.35 2.78 -0.10	41.00 2.54 0.00	36.36 1.36 0.01	34.95 2.04 0.00
WADING RIVER_IC_3 23601	34.87 2.21 -3.22	32.14 2.05 -3.06	28.37 1.83 -1.44	25.45 1.78 0.00	26.57 1.68 -1.23	28.41 1.95 -1.42	31.13 2.26 -0.97	34.19 2.18 -2.53	36.23 2.54 -2.70	36.25 2.75 -0.02	38.16 2.63 0.00	39.49 2.96 0.00	41.94 2.78 0.00	45.34 3.08 0.00	47.16 3.13 0.00	52.27 3.42 0.00	58.68 4.04 0.00	63.72 4.06 0.00	60.40 3.47 0.00	51.47 3.00 -0.09	46.35 2.78 -0.10	41.00 2.54 0.00	36.36 1.36 0.01	34.95 2.04 0.00
WALDENNY_12_KV_BK2 80841	29.53 0.09 0.00	26.89 -0.14 0.00	25.23 0.13 0.00	23.91 0.24 0.00	24.02 0.35 0.00	25.46 0.43 0.00	27.84 -0.06 0.00	29.53 0.06 0.00	31.36 0.37 0.00	33.78 0.30 0.00	36.35 0.82 0.00	38.02 1.50 0.00	41.04 1.88 0.00	45.38 3.13 0.00	46.59 2.55 0.00	51.64 2.78 0.00	58.29 3.66 0.00	62.94 3.28 0.00	60.86 3.93 0.00	50.99 2.61 0.00	45.60 2.13 0.00	39.57 1.12 0.00	36.12 1.12 0.00	34.02 1.12 0.00
WALDEN__HYDRO 24148	31.06 1.62 0.00	28.41 1.38 0.00	26.33 1.23 0.00	24.83 1.16 0.00	24.78 1.11 0.00	26.21 1.18 0.00	29.29 1.39 0.00	31.01 1.53 0.00	32.69 1.70 0.00	35.36 1.87 0.00	37.38 1.85 0.00	38.46 1.94 0.00	41.27 2.11 0.00	44.37 2.11 0.00	46.28 2.25 0.00	51.59 2.74 0.00	57.69 3.06 0.00	63.00 3.34 0.00	59.95 3.02 0.00	51.18 2.71 -0.09	45.87 2.30 -0.09	40.61 2.15 0.00	36.79 1.79 0.00	34.72 1.81 0.00
WARRENSBURG____ 23737	31.38 1.94 0.00	28.87 1.84 0.00	26.68 1.58 0.00	25.14 1.47 0.00	25.13 1.47 0.00	26.66 1.63 0.00	29.74 1.84 0.00	31.36 1.89 0.00	32.97 1.98 0.00	35.66 2.18 0.00	37.34 1.81 0.00	38.61 2.08 0.00	41.43 2.27 0.00	44.41 2.15 0.00	46.50 2.46 0.00	51.69 2.83 0.00	58.02 3.39 0.00	63.89 4.24 0.00	61.88 4.95 0.00	53.77 4.40 -0.99	48.65 4.17 -1.01	41.96 3.50 0.00	37.59 2.59 0.00	35.17 2.27 0.00
WATERSIDE____6 8 9 23538	31.66 2.21 -0.01	28.87 1.84 0.00	26.71 1.61 0.00	25.14 1.47 0.00	25.08 1.42 0.00	26.51 1.48 0.00	29.71 1.81 0.00	31.69 2.21 0.00	33.43 2.45 0.00	36.19 2.71 0.00	38.16 2.63 0.00	39.37 2.85 0.00	42.10 2.94 0.00	45.21 2.96 0.00	47.03 2.99 0.00	52.47 3.62 0.00	58.40 3.77 0.00	63.42 3.76 0.00	60.23 3.30 0.00	51.56 3.10 -0.09	46.34 2.78 -0.09	41.15 2.69 0.00	37.42 2.42 0.00	34.93 2.53 0.51
WATKINRD_115KV_LN8_ILLION 55919	29.82 0.38 0.00	27.35 0.32 0.00	25.40 0.30 0.00	23.96 0.28 0.00	23.95 0.28 0.00	25.33 0.30 0.00	28.26 0.36 0.00	29.86 0.38 0.00	31.39 0.40 0.00	33.92 0.44 0.00	35.99 0.46 0.00	37.04 0.51 0.00	39.75 0.59 0.00	42.89 0.63 0.00	44.69 0.66 0.00	49.63 0.78 0.00	55.56 0.93 0.00	60.67 1.01 0.00	57.90 0.97 0.00	49.25 0.87 0.00	44.21 0.74 0.00	39.11 0.65 0.00	35.49 0.49 0.00	33.37 0.46 0.00
WATSON__69_KV_BK 1 55734	35.61 2.94 -3.22	32.66 2.57 -3.06	28.88 2.33 -1.44	25.85 2.18 0.00	27.05 2.15 -1.23	28.76 2.30 -1.42	31.55 2.68 -0.97	34.98 2.98 -2.53	37.01 3.32 -2.70	37.09 3.58 -0.02	39.01 3.48 0.00	40.41 3.87 -0.02	43.01 3.84 -0.02	46.50 4.23 -0.02	48.32 4.27 -0.02	53.49 4.64 0.00	59.82 5.19 0.00	65.03 5.37 0.00	61.65 4.73 0.00	52.58 4.11 -0.09	47.49 3.91 -0.11	42.01 3.54 -0.02	37.55 2.56 0.01	36.06 3.16 0.00
WDELAWARE__HYD 323627	30.41 0.97 0.00	27.81 0.78 0.00	25.83 0.73 0.00	24.36 0.69 0.00	24.30 0.64 0.00	25.71 0.68 0.00	28.73 0.84 0.00	30.21 0.74 0.00	31.89 0.90 0.00	34.49 1.00 0.00	36.45 0.92 0.00	37.47 0.95 0.00	40.22 1.06 0.00	43.27 1.01 0.00	45.13 1.10 0.00	50.37 1.52 0.00	56.38 1.75 0.00	61.57 1.91 0.00	58.63 1.71 0.00	50.07 1.59 -0.10	44.92 1.35 -0.10	39.77 1.31 0.00	35.84 0.84 0.00	33.86 0.95 0.00
WEST BABYLON__IC 23714	35.52 2.86 -3.22	32.58 2.49 -3.06	28.80 2.26 -1.44	25.78 2.11 0.00	26.95 2.06 -1.23	28.68 2.23 -1.42	31.43 2.57 -0.97	34.90 2.89 -2.53	36.88 3.19 -2.70	36.99 3.48 -0.02	38.77 3.23 0.00	40.19 3.65 -0.01	42.77 3.60 -0.01	46.23 3.97 -0.01	48.05 4.01 -0.01	53.20 4.35 0.00	59.55 4.92 0.00	64.67 5.01 0.00	61.37 4.44 0.00	52.34 3.87 -0.09	47.18 3.61 -0.10	41.85 3.38 -0.01	37.51 2.52 0.01	35.97 3.06 0.00

WEST CANADA___HYD 24049	29.65 0.21 0.00	27.22 0.19 0.00	25.28 0.18 0.00	23.84 0.17 0.00	23.83 0.17 0.00	25.21 0.18 0.00	28.09 0.20 0.00	29.68 0.21 0.00	31.21 0.22 0.00	33.68 0.20 0.00	35.75 0.21 0.00	36.82 0.29 0.00	39.47 0.31 0.00	42.55 0.30 0.00	44.38 0.35 0.00	49.29 0.44 0.00	55.12 0.49 0.00	60.19 0.54 0.00	57.50 0.57 0.00	48.86 0.48 0.00	43.90 0.43 0.00	38.88 0.42 0.00	35.28 0.28 0.00	33.17 0.26 0.00
WESTERN_NY_WIND 24143	29.82 0.38 0.00	27.16 0.14 0.00	25.45 0.35 0.00	24.07 0.40 0.00	24.18 0.52 0.00	25.63 0.60 0.00	28.09 0.20 0.00	29.77 0.29 0.00	31.51 0.53 0.00	34.02 0.54 0.00	36.42 0.89 0.00	38.06 1.53 0.00	41.12 1.96 0.00	45.30 3.04 0.00	46.63 2.60 0.00	51.59 2.74 0.00	58.08 3.44 0.00	63.06 3.40 0.00	61.08 4.16 0.00	51.23 2.85 0.00	45.90 2.43 0.00	39.88 1.42 0.00	36.37 1.37 0.00	34.32 1.41 0.00
WESTOVER___LESR 323668	29.88 0.44 0.00	27.35 0.32 0.00	25.45 0.35 0.00	24.03 0.36 0.00	24.04 0.38 0.00	25.48 0.45 0.00	28.29 0.39 0.00	30.04 0.56 0.00	31.58 0.59 0.00	34.22 0.64 -0.10	36.31 0.78 0.00	37.58 1.06 0.00	40.37 1.21 0.00	43.86 1.61 0.00	45.57 1.54 0.00	50.61 1.76 0.00	56.76 2.13 0.00	61.86 2.21 0.00	59.26 2.33 0.00	50.21 1.79 -0.04	45.25 1.56 -0.22	39.61 1.15 0.00	36.07 0.98 -0.08	33.70 0.79 0.00
WETHRSFD_WT_PWR 323626	29.47 0.03 0.00	27.38 0.35 0.00	25.43 0.33 0.00	23.86 0.19 0.00	24.04 0.38 0.00	25.41 0.38 0.00	27.92 0.03 0.00	29.54 0.06 0.00	31.26 0.28 0.00	33.72 0.24 0.00	36.10 0.57 0.00	37.66 1.13 0.00	40.61 1.45 0.00	44.70 2.45 0.00	46.02 1.98 0.00	50.95 2.10 0.00	57.42 2.78 0.00	62.76 3.10 0.00	60.06 3.13 0.00	50.41 2.03 0.00	45.16 1.69 0.00	39.73 1.27 0.00	36.23 1.22 0.00	33.86 0.95 0.00
WHAVSTOR_138KV_BK127 55557	30.94 1.50 0.00	28.35 1.32 0.00	26.28 1.18 0.00	24.78 1.11 0.00	24.73 1.06 0.00	26.18 1.15 0.00	29.21 1.31 0.00	30.98 1.50 0.00	32.66 1.67 0.00	35.29 1.81 0.00	37.31 1.78 0.00	38.46 1.94 0.00	41.20 2.04 0.00	44.28 2.03 0.00	46.19 2.16 0.00	51.49 2.64 0.00	57.53 2.90 0.00	62.64 2.98 0.00	59.55 2.62 0.00	50.88 2.42 -0.09	45.64 2.09 -0.09	40.46 2.00 0.00	36.65 1.65 0.00	34.62 1.71 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.94 1.50 0.00	28.35 1.32 0.00	26.28 1.18 0.00	24.78 1.11 0.00	24.73 1.06 0.00	26.18 1.15 0.00	29.21 1.31 0.00	30.98 1.50 0.00	32.66 1.67 0.00	35.29 1.81 0.00	37.31 1.78 0.00	38.46 1.94 0.00	41.20 2.04 0.00	44.28 2.03 0.00	46.19 2.16 0.00	51.49 2.64 0.00	57.53 2.90 0.00	62.64 2.98 0.00	59.55 2.62 0.00	50.88 2.42 -0.09	45.64 2.09 -0.09	40.46 2.00 0.00	36.65 1.65 0.00	34.62 1.71 0.00
WHITEHAL_115KV_TB1 80871	32.15 2.71 0.00	29.51 2.49 0.00	27.24 2.13 0.00	25.64 1.96 0.00	25.65 1.99 0.00	27.23 2.20 0.00	30.32 2.43 0.00	32.04 2.56 0.00	33.74 2.76 0.00	36.46 2.98 0.00	38.20 2.66 0.00	39.56 3.03 0.00	42.49 3.33 0.00	45.63 3.38 0.00	47.78 3.74 0.00	53.10 4.25 0.00	59.66 5.03 0.00	65.98 6.32 0.00	63.93 7.00 0.00	55.55 6.19 -0.98	50.21 5.74 -1.00	43.15 4.69 0.00	38.64 3.64 0.00	36.06 3.16 0.00
WHITEPLN_13_KV_LOAD 356215	31.65 2.21 0.00	28.92 1.89 0.00	26.78 1.68 0.00	25.23 1.56 0.00	25.18 1.51 0.00	26.68 1.65 0.00	29.85 1.95 0.00	31.78 2.30 0.00	33.53 2.54 0.00	36.26 2.78 0.00	38.34 2.81 0.00	39.59 3.07 0.00	42.41 3.25 0.00	45.63 3.38 0.00	47.60 3.57 0.00	53.10 4.25 0.00	59.33 4.70 0.00	64.61 4.95 0.00	61.31 4.38 0.00	52.34 3.87 -0.09	46.91 3.35 -0.09	41.50 3.04 0.00	37.56 2.56 0.00	35.44 2.53 0.00
WM_FLOYD_69_KV_BK2 356380	35.11 2.44 -3.22	32.25 2.16 -3.06	28.50 1.96 -1.44	25.52 1.85 0.00	26.67 1.77 -1.23	28.43 1.98 -1.42	31.18 2.32 -0.97	34.45 2.45 -2.53	36.51 2.82 -2.70	36.52 3.01 -0.02	38.48 2.95 0.00	39.78 3.25 0.00	42.26 3.09 0.00	45.68 3.42 0.00	47.52 3.48 0.00	52.66 3.81 0.00	59.11 4.48 0.00	64.25 4.59 0.00	60.91 3.98 0.00	51.90 3.43 -0.09	46.74 3.17 -0.10	41.35 2.88 0.00	36.88 1.89 0.01	35.47 2.57 0.00
WOODARD__115KV_TB2 355635	29.29 -0.15 0.00	26.95 -0.08 0.00	25.05 -0.05 0.00	23.62 -0.05 0.00	23.64 -0.02 0.00	25.01 -0.03 0.00	27.84 -0.06 0.00	29.39 -0.09 0.00	30.89 -0.09 0.00	33.59 -0.10 -0.21	35.50 -0.04 0.00	36.67 0.15 0.00	39.39 0.23 0.00	42.68 0.42 0.00	44.47 0.44 0.00	49.29 0.44 0.00	55.23 0.60 0.00	60.31 0.66 0.00	57.55 0.63 0.00	48.81 0.44 0.00	44.22 0.39 -0.36	38.57 0.12 0.00	35.24 0.07 -0.17	32.91 0.00 0.00
YORK___WARBASSE 23770	31.80 2.36 -0.01	29.00 1.97 0.00	26.81 1.71 0.00	25.21 1.54 0.00	25.15 1.49 0.00	26.56 1.53 0.00	29.76 1.87 0.00	31.78 2.30 0.00	33.59 2.60 0.00	36.36 2.88 0.00	38.23 2.70 0.00	39.48 2.96 0.00	42.29 3.13 0.00	45.38 3.13 0.00	47.29 3.26 0.00	52.81 3.96 0.00	58.84 4.21 0.00	63.83 4.18 0.00	60.63 3.70 0.00	51.90 3.43 -0.09	46.60 3.04 -0.09	41.34 2.88 0.00	37.63 2.63 0.00	39.25 2.73 -3.61