

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		08/15/2026																										
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
59TH STREET_GT_1		44.56	40.73	37.51	35.54	34.89	35.92	35.28	37.14	33.79	34.37	34.71	36.10	38.65	42.72	45.68	47.19	53.11	58.42	60.30	61.14	58.69	52.82	48.47	42.12			
24138		2.72	2.45	2.16	2.01	1.88	1.78	1.58	1.94	2.09	2.40	2.39	2.39	2.83	3.05	3.31	3.54	3.98	3.62	2.87	2.41	2.85	2.52	2.53	2.20			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1		44.60	40.77	37.54	35.58	34.89	35.89	35.28	37.11	33.73	34.31	34.67	36.03	38.57	42.64	45.68	47.19	52.96	58.14	60.01	60.90	58.46	52.72	48.42	42.12			
24260		2.76	2.49	2.19	2.05	1.88	1.74	1.58	1.90	2.03	2.33	2.36	2.33	2.76	2.97	3.31	3.54	3.83	3.34	2.58	2.17	2.62	2.41	2.48	2.20			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2		44.60	40.77	37.54	35.58	34.89	35.89	35.28	37.11	33.73	34.31	34.67	36.03	38.57	42.64	45.68	47.19	52.96	58.14	60.01	60.90	58.46	52.72	48.42	42.12			
24261		2.76	2.49	2.19	2.05	1.88	1.74	1.58	1.90	2.03	2.33	2.36	2.33	2.76	2.97	3.31	3.54	3.83	3.34	2.58	2.17	2.62	2.41	2.48	2.20			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS		43.43	39.89	36.84	34.94	34.36	35.44	34.84	36.09	32.08	32.20	32.25	33.64	35.64	39.31	42.08	43.43	48.98	55.35	58.86	60.78	58.29	52.37	47.73	41.40			
24011		1.59	1.61	1.48	1.41	1.35	1.30	1.15	0.88	0.38	0.22	-0.06	-0.07	-0.18	-0.36	-0.30	-0.22	-0.15	0.55	1.44	2.06	2.46	2.06	1.79	1.48			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY		43.59	40.04	36.98	34.94	34.46	35.51	34.87	36.12	32.08	32.13	32.19	33.54	35.60	39.27	42.08	43.39	49.03	55.41	59.03	61.08	58.57	52.67	47.96	41.56			
23798		1.76	1.76	1.63	1.41	1.45	1.37	1.18	0.91	0.38	0.16	-0.13	-0.17	-0.21	-0.40	-0.29	-0.26	-0.10	0.60	1.61	2.35	2.74	2.36	2.02	1.64			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS		43.43	39.89	36.84	34.94	34.36	35.44	34.84	36.09	32.08	32.20	32.25	33.64	35.64	39.31	42.08	43.43	48.98	55.35	58.86	60.78	58.29	52.37	47.73	41.40			
24028		1.59	1.61	1.48	1.41	1.35	1.30	1.15	0.88	0.38	0.22	-0.06	-0.07	-0.18	-0.36	-0.30	-0.22	-0.15	0.55	1.44	2.06	2.46	2.06	1.79	1.48			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM		42.92	39.62	36.59	34.53	33.93	35.07	34.33	35.91	32.17	32.29	32.70	34.01	36.10	39.98	42.85	44.26	49.77	55.51	58.12	59.49	57.18	51.56	47.09	41.08			
23527		1.09	1.34	1.24	1.00	0.92	0.92	0.64	0.70	0.48	0.32	0.39	0.30	0.29	0.32	0.47	0.61	0.64	0.71	0.69	0.76	1.34	1.26	1.15	1.16			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP		41.88	38.58	35.71	33.90	33.27	34.39	33.73	35.17	31.60	31.84	32.19	33.54	35.64	39.43	42.12	43.43	48.74	54.36	56.91	58.20	55.67	50.10	45.76	39.97			
24190		0.04	0.31	0.35	0.37	0.26	0.24	0.03	-0.04	-0.10	-0.13	-0.13	-0.17	-0.18	-0.24	-0.25	-0.22	-0.39	-0.44	-0.52	-0.53	-0.17	-0.20	-0.18	0.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK		42.05	38.24	35.32	33.46	33.04	34.28	34.00	35.45	31.89	32.16	32.48	33.88	36.03	39.86	42.59	43.78	49.33	54.53	57.25	58.73	55.84	50.65	46.26	40.28			
355683		0.21	-0.04	-0.04	-0.07	0.03	0.14	0.30	0.25	0.19	0.19	0.16	0.17	0.21	0.20	0.21	0.13	0.20	-0.27	-0.17	0.00	0.00	0.35	0.32	0.36			
		0.00	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		42.88	39.42	36.48	34.53	34.00	35.07	34.40	35.74	31.86	31.97	32.25	33.61	35.71	39.59	42.38	43.69	49.13	55.02	58.00	59.61	56.95	51.26	46.86	40.84			
323833		1.05	1.15	1.13	1.00	0.99	0.92	0.71	0.53	0.16	0.00	-0.06	-0.10	-0.11	-0.08	0.00	0.04	0.00	0.22	0.57	0.88	1.12	0.95	0.92	0.92			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR		42.88	39.39	36.45	34.53	33.97	35.07	34.40	35.70	31.86	31.94	32.25	33.61	35.71	39.59	42.38	43.69	49.13	55.02	58.00	59.61	56.90	51.26	46.86	40.84			
323834		1.05	1.11	1.10	1.00	0.96	0.92	0.71	0.49	0.16	-0.03	-0.06	-0.10	-0.11	-0.08	0.00	0.04	0.00	0.22	0.57	0.88	1.06	0.95	0.92	0.92			
		0.00	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		41.88	38.58	35.71	33.90	33.27	34.39	33.73	35.17	31.60	31.84	32.19	33.54	35.64	39.43	42.12	43.43	48.74	54.36	56.91	58.20	55.67	50.10	45.76	39.97			
23571		0.04	0.31	0.35	0.37	0.26	0.24	0.03	-0.04	-0.10	-0.13	-0.13	-0.17	-0.18	-0.24	-0.25	-0.22	-0.39	-0.44	-0.52	-0.53	-0.17	-0.20	-0.18	0.04			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	41.88 0.04 0.00	38.58 0.31 0.00	35.71 0.35 0.00	33.90 0.37 0.00	33.27 0.26 0.00	34.39 0.24 0.00	33.73 0.03 0.00	35.17 -0.04 0.00	31.60 -0.10 0.00	31.84 -0.13 0.00	32.19 -0.13 0.00	33.54 -0.17 0.00	35.64 -0.18 0.00	39.43 -0.24 0.00	42.12 -0.25 0.00	43.43 -0.22 0.00	48.74 -0.39 0.00	54.36 -0.44 0.00	56.91 -0.52 0.00	58.20 -0.53 0.00	55.67 -0.17 0.00	50.10 -0.20 0.00	45.76 -0.18 0.00	39.97 0.04 0.00
ALBANY___3 23573	41.88 0.04 0.00	38.58 0.31 0.00	35.71 0.35 0.00	33.90 0.37 0.00	33.27 0.26 0.00	34.39 0.24 0.00	33.73 0.03 0.00	35.17 -0.04 0.00	31.60 -0.10 0.00	31.84 -0.13 0.00	32.19 -0.13 0.00	33.54 -0.17 0.00	35.64 -0.18 0.00	39.43 -0.24 0.00	42.12 -0.25 0.00	43.43 -0.22 0.00	48.74 -0.39 0.00	54.36 -0.44 0.00	56.91 -0.52 0.00	58.20 -0.53 0.00	55.67 -0.17 0.00	50.10 -0.20 0.00	45.76 -0.18 0.00	39.97 0.04 0.00
ALBANY___4 23574	41.88 0.04 0.00	38.58 0.31 0.00	35.71 0.35 0.00	33.90 0.37 0.00	33.27 0.26 0.00	34.39 0.24 0.00	33.73 0.03 0.00	35.17 -0.04 0.00	31.60 -0.10 0.00	31.84 -0.13 0.00	32.19 -0.13 0.00	33.54 -0.17 0.00	35.64 -0.18 0.00	39.43 -0.24 0.00	42.12 -0.25 0.00	43.43 -0.22 0.00	48.74 -0.39 0.00	54.36 -0.44 0.00	56.91 -0.52 0.00	58.20 -0.53 0.00	55.67 -0.17 0.00	50.10 -0.20 0.00	45.76 -0.18 0.00	39.97 0.04 0.00
ALBANY___LFGE 323615	42.30 0.46 0.00	38.93 0.65 0.00	36.02 0.67 0.00	34.10 0.57 0.00	33.54 0.53 0.00	34.59 0.44 0.00	33.96 0.27 0.00	35.42 0.21 0.00	31.79 0.10 0.00	31.97 0.00 0.00	32.35 0.03 0.00	33.71 0.00 0.00	35.82 0.00 0.00	39.71 0.04 0.00	42.51 0.13 0.00	43.74 0.09 0.00	49.13 0.00 0.00	54.80 0.00 0.00	57.43 0.00 0.00	58.85 0.12 0.00	56.18 0.34 0.00	50.61 0.30 0.00	46.22 0.28 0.00	40.37 0.44 0.00
ALCOA_PA_115KV_PL-6C 55860	42.26 0.42 0.00	38.43 0.15 0.00	35.46 0.11 0.00	33.60 0.07 0.00	33.21 0.20 0.00	34.45 0.31 0.00	34.17 0.47 0.00	35.60 0.39 0.00	31.98 0.28 0.00	32.26 0.29 0.00	32.57 0.26 0.00	33.98 0.27 0.00	36.17 0.36 0.00	39.98 0.32 0.00	42.76 0.38 0.00	43.91 0.26 0.00	49.52 0.39 0.00	55.19 0.39 0.00	57.77 0.35 0.00	59.38 0.65 0.00	56.40 0.56 0.00	50.95 0.65 0.00	46.49 0.55 0.00	40.52 0.60 0.00
ALCOA_RYNLDS___DRP 24188	42.26 0.42 0.00	38.43 0.15 0.00	35.46 0.11 0.00	33.60 0.07 0.00	33.21 0.20 0.00	34.49 0.34 0.00	34.20 0.51 0.00	35.59 0.39 0.00	31.98 0.29 0.00	32.26 0.29 0.00	32.61 0.29 0.00	33.98 0.27 0.00	36.17 0.36 0.00	39.98 0.32 0.00	42.76 0.38 0.00	43.91 0.26 0.00	49.52 0.39 0.00	54.97 0.16 0.00	57.77 0.34 0.00	59.37 0.65 0.00	56.40 0.56 0.00	50.96 0.65 0.00	46.49 0.55 0.00	40.52 0.60 0.00
ALCOA___DSASP 323711	42.26 0.42 0.00	38.43 0.15 0.00	35.46 0.11 0.00	33.60 0.07 0.00	33.21 0.20 0.00	34.49 0.34 0.00	34.20 0.51 0.00	35.59 0.39 0.00	31.98 0.29 0.00	32.26 0.29 0.00	32.61 0.29 0.00	33.98 0.27 0.00	36.17 0.36 0.00	39.98 0.32 0.00	42.76 0.38 0.00	43.91 0.26 0.00	49.52 0.39 0.00	54.97 0.16 0.00	57.77 0.34 0.00	59.37 0.65 0.00	56.40 0.56 0.00	50.96 0.65 0.00	46.49 0.55 0.00	40.52 0.60 0.00
ALLEGHENY___COGEN 23514	43.18 1.34 0.00	39.31 1.03 0.00	35.85 0.49 0.00	33.96 0.43 0.00	33.41 0.40 0.00	34.62 0.48 0.00	34.03 0.34 0.00	35.21 0.00 0.00	31.60 -0.09 0.00	31.65 -0.32 0.00	31.73 -0.58 0.00	33.24 -0.47 0.00	35.46 -0.36 0.00	39.63 -0.04 0.00	42.25 -0.13 0.00	43.48 -0.17 0.00	49.08 -0.05 0.00	56.22 1.42 0.00	60.35 2.93 0.00	62.07 3.35 0.00	58.52 2.68 0.00	52.46 2.16 0.00	47.64 1.70 0.00	40.96 1.04 0.00
ALTAMONT_115KV_TB 2 55880	42.42 0.59 0.00	38.97 0.69 0.00	36.02 0.67 0.00	34.20 0.67 0.00	33.60 0.59 0.00	34.73 0.58 0.00	34.10 0.40 0.00	35.59 0.39 0.00	31.95 0.25 0.00	32.23 0.26 0.00	32.57 0.26 0.00	33.94 0.24 0.00	36.10 0.29 0.00	39.94 0.28 0.00	42.72 0.34 0.00	44.04 0.39 0.00	49.47 0.34 0.00	55.19 0.38 0.00	57.77 0.34 0.00	59.08 0.35 0.00	56.40 0.56 0.00	50.76 0.45 0.00	46.40 0.46 0.00	40.40 0.48 0.00
ALTONA_WT_PWR 323606	42.30 0.46 0.00	38.51 0.23 0.00	35.57 0.21 0.00	33.70 0.17 0.00	33.27 0.26 0.00	34.52 0.38 0.00	34.23 0.54 0.00	35.70 0.49 0.00	32.08 0.38 0.00	32.36 0.39 0.00	32.70 0.39 0.00	34.08 0.37 0.00	36.25 0.43 0.00	40.10 0.44 0.00	42.85 0.47 0.00	44.04 0.39 0.00	49.67 0.54 0.00	55.46 0.66 0.00	58.06 0.63 0.00	59.61 0.88 0.00	56.56 0.72 0.00	51.06 0.76 0.00	46.58 0.64 0.00	40.56 0.64 0.00
AMERICAN_REF_FUEL 24010	39.91 -1.92 0.00	35.94 -2.34 0.00	32.70 -2.65 0.00	31.01 -2.52 0.00	30.44 -2.57 0.00	31.48 -2.66 0.00	31.00 -2.70 0.00	32.46 -2.75 0.00	29.92 -1.77 0.00	30.34 -1.63 0.00	30.57 -1.75 0.00	32.09 -1.62 0.00	34.28 -1.54 0.00	38.44 -1.23 0.00	40.94 -1.44 0.00	41.90 -1.75 0.00	46.82 -2.31 0.00	53.38 -1.43 0.00	56.33 -1.09 0.00	56.67 -2.06 0.00	52.93 -2.91 0.00	47.64 -2.67 0.00	43.55 -2.39 0.00	37.61 -2.32 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.25 -0.59 0.00	37.70 -0.57 0.00	34.33 -1.03 0.00	32.56 -0.97 0.00	31.95 -1.06 0.00	33.12 -1.02 0.00	32.61 -1.08 0.00	33.94 -1.27 0.00	31.00 -0.70 0.00	31.56 -0.42 0.00	31.89 -0.42 0.00	33.51 -0.20 0.00	35.82 0.00 0.00	40.22 0.56 0.00	42.85 0.47 0.00	44.04 0.39 0.00	49.28 0.15 0.00	56.22 1.42 0.00	59.55 2.13 0.00	59.79 1.06 0.00	55.73 -0.11 0.00	49.95 -0.35 0.00	45.30 -0.64 0.00	39.49 -0.44 0.00
ARTHUR KILL_GT_1 23520	44.39 2.55 0.00	40.50 2.22 0.00	37.23 1.87 0.00	35.24 1.71 0.00	34.56 1.55 0.00	35.38 1.23 0.00	34.67 0.98 0.00	36.40 1.20 0.00	33.05 1.36 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.00 2.18 0.00	42.01 2.34 0.00	45.05 2.67 0.00	46.58 2.92 0.00	51.88 2.75 0.00	56.77 1.97 0.01	58.75 1.32 0.00	59.67 0.94 0.00	57.28 1.45 0.01	51.81 1.51 0.00	47.92 1.98 0.00	41.68 1.76 0.00
ARTHUR_KILL_2 23512	44.27 2.43 0.00	40.38 2.10 0.00	37.12 1.77 0.00	35.04 1.51 0.00	34.30 1.29 0.00	35.14 0.99 0.00	34.43 0.74 0.00	36.23 1.02 0.00	32.92 1.23 0.01	33.41 1.44 0.00	33.87 1.55 0.00	35.19 1.48 0.00	37.89 2.08 0.00	41.89 2.22 0.00	44.88 2.50 0.00	46.45 2.80 0.00	51.73 2.60 0.00	56.33 1.53 0.01	58.51 1.09 0.01	59.37 0.65 0.01	56.61 0.78 0.01	51.51 1.21 0.00	47.73 1.79 0.00	41.56 1.64 0.00
ARTHUR_KILL_3 23513	44.18 2.34 0.00	40.38 2.10 0.00	37.19 1.84 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.48 1.33 0.00	34.87 1.18 0.00	36.72 1.51 0.00	33.47 1.77 0.00	33.92 1.95 0.00	34.29 1.97 0.00	35.63 1.92 0.00	38.29 2.47 0.00	42.32 2.66 0.00	45.30 2.92 0.00	46.84 3.18 0.00	52.57 3.44 0.00	57.43 2.63 0.00	59.43 2.01 0.00	60.32 1.59 0.00	57.68 1.84 0.00	52.16 1.86 0.00	48.01 2.07 0.00	41.76 1.84 0.00

ARTHUR_KILL_COGEN 323718	44.39 2.55 0.00	40.50 2.22 0.00	37.23 1.87 0.00	35.17 1.64 0.00	34.43 1.42 0.00	35.27 1.13 0.00	34.54 0.84 0.00	36.33 1.13 0.00	33.02 1.33 0.01	33.54 1.57 0.00	33.96 1.65 0.00	35.29 1.58 0.00	38.00 2.19 0.00	42.01 2.34 0.00	45.01 2.63 0.00	46.62 2.97 0.00	51.88 2.75 0.00	56.55 1.75 0.01	58.74 1.32 0.01	59.66 0.94 0.01	56.84 1.01 0.01	51.66 1.36 0.00	47.92 1.97 0.00	41.68 1.75 0.00
ASHOKAN____ 23654	44.05 2.22 0.00	40.30 2.03 0.00	37.23 1.87 0.00	35.21 1.68 0.00	34.59 1.58 0.00	35.58 1.43 0.00	34.77 1.08 0.00	36.12 0.91 0.00	32.27 0.57 0.00	32.36 0.39 0.00	32.64 0.32 0.00	34.08 0.37 0.00	36.28 0.46 0.00	40.50 0.83 0.00	43.35 0.98 0.00	44.78 1.13 0.00	50.50 1.37 0.00	56.56 1.75 0.00	59.55 2.13 0.00	60.96 2.23 0.00	57.96 2.12 0.00	52.21 1.91 0.00	47.78 1.84 0.00	41.64 1.72 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.18 2.34 0.00	40.38 2.10 0.00	37.12 1.77 0.00	35.07 1.54 0.00	34.33 1.32 0.00	35.13 0.99 0.01	34.53 0.84 0.01	36.40 1.20 0.01	33.18 1.49 0.01	33.59 1.63 0.01	33.99 1.68 0.01	35.32 1.62 0.01	38.00 2.19 0.00	41.97 2.30 0.00	44.92 2.54 0.00	46.49 2.84 0.00	51.97 2.85 0.01	56.94 2.14 0.00	58.97 1.55 0.01	59.89 1.17 0.01	57.12 1.29 0.01	51.65 1.36 0.01	47.58 1.65 0.01	41.48 1.56 0.00
ASTORIA_EAST_ENERGY_CC2 323582	44.18 2.34 0.00	40.38 2.10 0.00	37.12 1.77 0.00	35.07 1.54 0.00	34.33 1.32 0.00	35.13 0.99 0.01	34.53 0.84 0.01	36.40 1.20 0.01	33.18 1.49 0.01	33.59 1.63 0.01	33.99 1.68 0.01	35.32 1.62 0.01	38.00 2.19 0.00	41.97 2.30 0.00	44.92 2.54 0.00	46.49 2.84 0.00	51.97 2.85 0.01	56.94 2.14 0.00	58.97 1.55 0.01	59.89 1.17 0.01	57.12 1.29 0.01	51.65 1.36 0.01	47.58 1.65 0.01	41.48 1.56 0.00
ASTORIA_GT2_1 24094	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00
ASTORIA_GT2_2 24095	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00
ASTORIA_GT2_3 24096	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00
ASTORIA_GT2_4 24097	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00
ASTORIA_GT3_1 24098	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00
ASTORIA_GT3_2 24099	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00
ASTORIA_GT3_3 24100	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00
ASTORIA_GT3_4 24101	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00
ASTORIA_GT4_1 24102	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00
ASTORIA_GT4_2 24103	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00
ASTORIA_GT4_3 24104	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00

ASTORIA_GT4_4 24105	44.22 2.38 0.00	40.38 2.11 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.27 1.13 0.00	34.67 0.98 0.00	36.47 1.27 0.00	33.22 1.52 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.46 1.75 0.00	38.04 2.22 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.08 2.95 0.00	57.16 2.36 0.00	58.98 1.55 0.00	59.90 1.17 0.00	57.39 1.56 0.01	51.81 1.51 0.00	47.64 1.70 0.00	41.48 1.56 0.00
ASTORIA_GT_1 23523	44.31 2.47 0.00	40.46 2.18 0.00	37.19 1.84 0.00	35.24 1.71 0.00	34.53 1.52 0.00	35.34 1.20 0.00	34.74 1.04 0.00	36.55 1.34 0.00	33.28 1.58 0.00	33.83 1.85 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.05 2.67 0.00	46.53 2.88 0.00	52.18 3.05 0.00	57.32 2.52 0.00	59.15 1.72 0.00	60.08 1.35 0.00	57.56 1.73 0.01	51.91 1.61 0.00	47.73 1.79 0.00	41.56 1.64 0.00
ASTORIA_GT_10 24110	44.31 2.47 0.00	40.46 2.18 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.63 1.62 0.00	35.55 1.40 0.00	34.91 1.21 0.00	36.69 1.48 0.00	33.38 1.68 0.00	33.99 2.01 0.00	34.35 2.04 0.00	35.70 1.99 0.00	38.22 2.40 0.00	42.20 2.54 0.00	45.22 2.84 0.00	46.71 3.06 0.00	52.27 3.14 0.00	57.38 2.58 0.00	59.15 1.72 0.00	60.08 1.35 0.00	57.67 1.84 0.01	52.06 1.76 0.00	47.92 1.98 0.00	41.72 1.80 0.00
ASTORIA_GT_11 24225	44.31 2.47 0.00	40.46 2.18 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.63 1.62 0.00	35.55 1.40 0.00	34.91 1.21 0.00	36.69 1.48 0.00	33.38 1.68 0.00	33.99 2.01 0.00	34.35 2.04 0.00	35.70 1.99 0.00	38.22 2.40 0.00	42.20 2.54 0.00	45.22 2.84 0.00	46.71 3.06 0.00	52.27 3.14 0.00	57.38 2.58 0.00	59.15 1.72 0.00	60.08 1.35 0.00	57.67 1.84 0.01	52.06 1.76 0.00	47.92 1.98 0.00	41.72 1.80 0.00
ASTORIA_GT_12 24226	44.31 2.47 0.00	40.46 2.18 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.63 1.62 0.00	35.55 1.40 0.00	34.91 1.21 0.00	36.69 1.48 0.00	33.38 1.68 0.00	33.99 2.01 0.00	34.35 2.04 0.00	35.70 1.99 0.00	38.22 2.40 0.00	42.20 2.54 0.00	45.22 2.84 0.00	46.71 3.06 0.00	52.27 3.14 0.00	57.38 2.58 0.00	59.15 1.72 0.00	60.08 1.35 0.00	57.67 1.84 0.01	52.06 1.76 0.00	47.92 1.98 0.00	41.72 1.80 0.00
ASTORIA_GT_13 24227	44.31 2.47 0.00	40.46 2.18 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.63 1.62 0.00	35.55 1.40 0.00	34.91 1.21 0.00	36.69 1.48 0.00	33.38 1.68 0.00	33.99 2.01 0.00	34.35 2.04 0.00	35.70 1.99 0.00	38.22 2.40 0.00	42.20 2.54 0.00	45.22 2.84 0.00	46.71 3.06 0.00	52.27 3.14 0.00	57.38 2.58 0.00	59.15 1.72 0.00	60.08 1.35 0.00	57.67 1.84 0.01	52.06 1.76 0.00	47.92 1.98 0.00	41.72 1.80 0.00
ASTORIA_GT_5 24106	44.31 2.47 0.00	40.46 2.18 0.00	37.19 1.84 0.00	35.24 1.71 0.00	34.53 1.52 0.00	35.34 1.20 0.00	34.74 1.04 0.00	36.55 1.34 0.00	33.28 1.58 0.00	33.83 1.85 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.05 2.67 0.00	46.53 2.88 0.00	52.18 3.05 0.00	57.32 2.52 0.00	59.15 1.72 0.00	60.08 1.35 0.00	57.56 1.73 0.01	51.91 1.61 0.00	47.73 1.79 0.00	41.56 1.64 0.00
ASTORIA_GT_7 24107	44.31 2.47 0.00	40.46 2.18 0.00	37.19 1.84 0.00	35.24 1.71 0.00	34.53 1.52 0.00	35.34 1.20 0.00	34.74 1.04 0.00	36.55 1.34 0.00	33.28 1.58 0.00	33.83 1.85 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.05 2.67 0.00	46.53 2.88 0.00	52.18 3.05 0.00	57.32 2.52 0.00	59.15 1.72 0.00	60.08 1.35 0.00	57.56 1.73 0.01	51.91 1.61 0.00	47.73 1.79 0.00	41.56 1.64 0.00
ASTORIA_GT_8 24108	44.31 2.47 0.00	40.46 2.18 0.00	37.19 1.84 0.00	35.24 1.71 0.00	34.53 1.52 0.00	35.34 1.20 0.00	34.74 1.04 0.00	36.55 1.34 0.00	33.28 1.58 0.00	33.83 1.85 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.05 2.67 0.00	46.53 2.88 0.00	52.18 3.05 0.00	57.32 2.52 0.00	59.15 1.72 0.00	60.08 1.35 0.00	57.56 1.73 0.01	51.91 1.61 0.00	47.73 1.79 0.00	41.56 1.64 0.00
ASTORIA___2 24149	44.22 2.38 0.00	40.42 2.14 0.00	37.12 1.77 0.00	35.07 1.54 0.00	34.33 1.32 0.00	35.16 1.02 0.01	34.53 0.84 0.01	36.40 1.20 0.01	33.18 1.49 0.01	33.59 1.63 0.01	33.99 1.68 0.01	35.32 1.62 0.01	38.04 2.22 0.00	42.01 2.34 0.00	44.92 2.54 0.00	46.49 2.84 0.00	52.02 2.90 0.01	56.94 2.14 0.00	58.97 1.55 0.01	59.89 1.17 0.01	57.12 1.29 0.01	51.70 1.41 0.01	47.63 1.70 0.01	41.48 1.56 0.00
ASTORIA___3 23516	44.31 2.47 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.24 1.71 0.00	34.50 1.49 0.00	35.41 1.26 0.00	34.77 1.08 0.00	36.62 1.41 0.00	33.34 1.65 0.00	33.83 1.85 0.00	34.22 1.91 0.00	35.56 1.85 0.00	38.22 2.40 0.00	42.21 2.54 0.00	45.17 2.80 0.00	46.75 3.10 0.00	52.28 3.15 0.00	57.16 2.35 0.00	59.14 1.72 0.01	60.07 1.35 0.01	57.39 1.56 0.01	51.96 1.66 0.00	47.92 1.97 0.00	41.72 1.80 0.00
ASTORIA___4 23517	44.31 2.47 0.00	40.46 2.18 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.63 1.62 0.00	35.55 1.40 0.00	34.91 1.21 0.00	36.69 1.48 0.00	33.38 1.68 0.00	33.99 2.01 0.00	34.35 2.04 0.00	35.70 1.99 0.00	38.22 2.40 0.00	42.20 2.54 0.00	45.22 2.84 0.00	46.71 3.06 0.00	52.27 3.14 0.00	57.38 2.58 0.00	59.15 1.72 0.00	60.08 1.35 0.00	57.67 1.84 0.01	52.06 1.76 0.00	47.92 1.98 0.00	41.72 1.80 0.00
ASTORIA___5 23518	44.31 2.47 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.24 1.71 0.00	34.50 1.49 0.00	35.41 1.26 0.00	34.77 1.08 0.00	36.62 1.41 0.00	33.34 1.65 0.00	33.83 1.85 0.00	34.22 1.91 0.00	35.56 1.85 0.00	38.22 2.40 0.00	42.21 2.54 0.00	45.17 2.80 0.00	46.75 3.10 0.00	52.28 3.15 0.00	57.16 2.35 0.00	59.14 1.72 0.01	60.07 1.35 0.01	57.39 1.56 0.01	51.96 1.66 0.00	47.92 1.97 0.00	41.72 1.80 0.00
AST_ENERGY_2_CC3 323677	44.31 2.47 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.94 1.25 0.00	36.79 1.59 0.00	33.47 1.77 0.00	33.92 1.95 0.00	34.32 2.00 0.00	35.66 1.95 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.34 2.97 0.00	46.88 3.23 0.00	52.57 3.44 0.00	57.43 2.63 0.00	59.49 2.06 0.00	60.37 1.64 0.00	57.74 1.90 0.00	52.26 1.96 0.00	48.15 2.21 0.00	41.84 1.92 0.00
AST_ENERGY_2_CC4 323678	44.31 2.47 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.94 1.25 0.00	36.79 1.59 0.00	33.47 1.77 0.00	33.92 1.95 0.00	34.32 2.00 0.00	35.66 1.95 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.34 2.97 0.00	46.88 3.23 0.00	52.57 3.44 0.00	57.43 2.63 0.00	59.49 2.06 0.00	60.37 1.64 0.00	57.74 1.90 0.00	52.26 1.96 0.00	48.15 2.21 0.00	41.84 1.92 0.00

ATHENS_STG_1 23668	42.76	39.23	36.31	34.40	33.77	34.86	34.27	35.87	32.36	32.67	33.02	34.42	36.71	40.62	43.39	44.74	50.21	55.63	58.06	59.20	56.45	50.86	46.58	40.56
	0.92	0.96	0.95	0.87	0.76	0.72	0.57	0.67	0.67	0.70	0.71	0.71	0.90	0.95	1.02	1.09	1.08	0.82	0.63	0.47	0.62	0.55	0.64	0.64
	0.00	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
ATHENS_STG_2 23670	42.76	39.23	36.31	34.40	33.77	34.86	34.27	35.87	32.36	32.67	33.02	34.42	36.71	40.62	43.39	44.74	50.21	55.63	58.06	59.20	56.45	50.86	46.58	40.56
	0.92	0.96	0.95	0.87	0.76	0.72	0.57	0.67	0.67	0.70	0.71	0.71	0.90	0.95	1.02	1.09	1.08	0.82	0.63	0.47	0.62	0.55	0.64	0.64
	0.00	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
ATHENS_STG_3 23677	42.76	39.23	36.31	34.40	33.77	34.86	34.27	35.87	32.36	32.67	33.02	34.42	36.71	40.62	43.39	44.74	50.21	55.63	58.06	59.20	56.45	50.86	46.58	40.56
	0.92	0.96	0.95	0.87	0.76	0.72	0.57	0.67	0.67	0.70	0.71	0.71	0.90	0.95	1.02	1.09	1.08	0.82	0.63	0.47	0.62	0.55	0.64	0.64
	0.00	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
AUBURN____LFGE 323710	41.80	38.28	35.25	33.36	32.85	33.98	33.46	34.93	31.44	31.65	31.99	33.47	35.53	39.55	42.12	43.43	48.93	55.08	59.24	60.81	57.58	51.69	46.91	39.93
	-0.04	0.00	-0.11	-0.17	-0.17	-0.17	-0.24	-0.28	-0.25	-0.32	-0.32	-0.24	-0.29	-0.12	-0.25	-0.22	-0.20	0.27	0.63	0.70	0.34	0.20	0.09	-0.08
	0.00	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	-1.19	-1.37	-1.41	-1.19	-0.88	-0.08
BABYLON_RES_REC 323704	45.19	41.27	37.86	35.54	34.89	35.85	35.17	37.18	33.85	36.83	38.07	42.52	46.19	48.01	48.80	49.74	53.22	58.61	60.30	60.58	57.92	52.56	48.60	42.80
	3.35	2.99	2.51	2.01	1.88	1.71	1.48	1.97	2.16	2.75	2.62	2.60	3.11	3.37	3.65	3.93	4.23	4.00	3.50	2.82	2.79	2.41	2.66	2.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.11	-3.14	-6.21	-7.26	-4.97	-2.78	-2.16	0.14	0.19	0.63	0.97	0.71	0.16	0.00	0.00
BALL_HILL_WT_PWR 323825	40.79	37.21	33.87	32.12	31.53	32.64	32.11	33.52	30.71	31.20	31.51	33.07	35.35	39.67	42.25	43.39	48.59	55.41	58.57	58.91	55.00	49.30	44.84	38.93
	-1.04	-1.07	-1.48	-1.41	-1.48	-1.50	-1.58	-1.69	-0.98	-0.77	-0.81	-0.64	-0.47	0.00	-0.13	-0.26	-0.54	0.60	1.15	0.18	-0.84	-1.01	-1.10	-1.00
	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	0.00
BARON_WINDS____WT_PWR 323822	41.34	37.78	34.54	32.76	32.19	33.33	32.79	34.05	30.81	31.11	31.38	32.90	35.10	39.27	41.83	43.08	48.44	54.97	58.54	59.55	56.08	50.15	45.62	39.38
	-0.50	-0.50	-0.81	-0.77	-0.82	-0.82	-0.91	-1.16	-0.89	-0.86	-0.94	-0.81	-0.72	-0.40	-0.55	-0.57	-0.69	0.16	0.86	0.53	-0.06	-0.40	-0.50	-0.56
	0.00	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	-0.25	-0.29	-0.30	-0.25	-0.19	-0.02
BARRETT_IC_1 23704	44.65	40.81	37.48	35.28	34.60	35.58	34.91	36.86	33.57	36.42	37.73	42.19	45.81	47.58	48.30	49.22	52.82	58.58	60.20	61.03	58.17	52.34	48.24	42.33
	2.80	2.53	2.12	1.74	1.58	1.43	1.21	1.66	1.87	2.33	2.26	2.26	2.72	2.94	3.14	3.41	3.69	3.29	2.76	2.17	2.24	2.01	2.30	2.40
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-2.11	-3.15	-6.22	-7.27	-4.98	-2.79	-2.16	-0.01	-0.49	-0.02	-0.13	-0.10	-0.03	-0.01	-0.01
BARRETT_IC_10 23701	44.65	40.81	37.48	35.28	34.60	35.58	34.91	36.86	33.57	36.42	37.73	42.19	45.81	47.58	48.30	49.22	52.82	58.58	60.20	61.03	58.17	52.34	48.24	42.33
	2.80	2.53	2.12	1.74	1.58	1.43	1.21	1.66	1.87	2.33	2.26	2.26	2.72	2.94	3.14	3.41	3.69	3.29	2.76	2.17	2.24	2.01	2.30	2.40
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-2.11	-3.15	-6.22	-7.27	-4.98	-2.79	-2.16	-0.01	-0.49	-0.02	-0.13	-0.10	-0.03	-0.01	-0.01
BARRETT_IC_11 23702	44.65	40.81	37.48	35.28	34.60	35.58	34.91	36.86	33.57	36.42	37.73	42.19	45.81	47.58	48.30	49.22	52.82	58.58	60.20	61.03	58.17	52.34	48.24	42.33
	2.80	2.53	2.12	1.74	1.58	1.43	1.21	1.66	1.87	2.33	2.26	2.26	2.72	2.94	3.14	3.41	3.69	3.29	2.76	2.17	2.24	2.01	2.30	2.40
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-2.11	-3.15	-6.22	-7.27	-4.98	-2.79	-2.16	-0.01	-0.49	-0.02	-0.13	-0.10	-0.03	-0.01	-0.01
BARRETT_IC_12 23703	44.65	40.81	37.48	35.28	34.60	35.58	34.91	36.86	33.57	36.42	37.73	42.19	45.81	47.58	48.30	49.22	52.82	58.58	60.20	61.03	58.17	52.34	48.24	42.33
	2.80	2.53	2.12	1.74	1.58	1.43	1.21	1.66	1.87	2.33	2.26	2.26	2.72	2.94	3.14	3.41	3.69	3.29	2.76	2.17	2.24	2.01	2.30	2.40
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-2.11	-3.15	-6.22	-7.27	-4.98	-2.79	-2.16	-0.01	-0.49	-0.02	-0.13	-0.10	-0.03	-0.01	-0.01
BARRETT_IC_2 23705	44.65	40.81	37.48	35.28	34.60	35.58	34.91	36.86	33.57	36.42	37.73	42.19	45.81	47.58	48.30	49.22	52.82	58.58	60.20	61.03	58.17	52.34	48.24	42.33
	2.80	2.53	2.12	1.74	1.58	1.43	1.21	1.66	1.87	2.33	2.26	2.26	2.72	2.94	3.14	3.41	3.69	3.29	2.76	2.17	2.24	2.01	2.30	2.40
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-2.11	-3.15	-6.22	-7.27	-4.98	-2.79	-2.16	-0.01	-0.49	-0.02	-0.13	-0.10	-0.03	-0.01	-0.01
BARRETT_IC_3 23706	44.65	40.81	37.48	35.28	34.60	35.58	34.91	36.86	33.57	36.42	37.73	42.19	45.81	47.58	48.30	49.22	52.82	58.58	60.20	61.03	58.17	52.34	48.24	42.33
	2.80	2.53	2.12	1.74	1.58	1.43	1.21	1.66	1.87	2.33	2.26	2.26	2.72	2.94	3.14	3.41	3.69	3.29	2.76	2.17	2.24	2.01	2.30	2.40
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-2.11	-3.15	-6.22	-7.27	-4.98	-2.79	-2.16	-0.01	-0.49	-0.02	-0.13	-0.10	-0.03	-0.01	-0.01
BARRETT_IC_4 23707	44.65	40.81	37.48	35.28	34.60	35.58	34.91	36.86	33.57	36.42	37.73	42.19	45.81	47.58	48.30	49.22	52.82	58.58	60.20	61.03	58.17	52.34	48.24	42.33
	2.80	2.53	2.12	1.74	1.58	1.43	1.21	1.66	1.87	2.33	2.26	2.26	2.72	2.94	3.14	3.41	3.69	3.29	2.76	2.17	2.24	2.01	2.30	2.40
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-2.11	-3.15	-6.22	-7.27	-4.98	-2.79	-2.16	-0.01	-0.49	-0.02	-0.13	-0.10	-0.03	-0.01	-0.01
BARRETT_IC_5 23708	44.65	40.81	37.48	35.28	34.60	35.58	34.91	36.86	33.57	36.42	37.73	42.19	45.81	47.58	48.30	49.22	52.82	58.58	60.20	61.03	58.17	52.34	48.24	42.33
	2.80	2.53	2.12	1.74	1.58	1.43	1.21	1.66	1.87	2.33	2.26	2.26	2.72	2.94	3.14	3.41	3.69	3.29	2.76	2.17	2.24	2.01	2.30	2.40
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-2.11	-3.15	-6.22	-7.27	-4.98	-2.79	-2.16	-0.01	-0.49	-0.02	-0.13	-0.10	-0.03	-0.01	-0.01

BARRETT_IC_6 23709	44.65 2.80 -0.01	40.81 2.53 -0.01	37.48 2.12 -0.01	35.28 1.74 -0.01	34.60 1.58 -0.01	35.58 1.43 0.00	34.91 1.21 0.00	36.86 1.66 0.00	33.57 1.87 0.00	36.42 2.33 -2.11	37.73 2.26 -3.15	42.19 2.26 -6.22	45.81 2.72 -7.27	47.58 2.94 -4.98	48.30 3.14 -2.79	49.22 3.41 -2.16	52.82 3.69 -0.01	58.58 3.29 -0.49	60.20 2.76 -0.02	61.03 2.17 -0.13	58.17 2.24 -0.10	52.34 2.01 -0.03	48.24 2.30 -0.01	42.33 2.40 -0.01
BARRETT_IC_7 23710	44.64 2.80 0.00	40.73 2.45 0.00	37.47 2.12 0.00	35.37 1.84 0.00	34.89 1.88 0.00	35.75 1.60 0.00	35.04 1.35 0.00	36.93 1.73 0.00	33.57 1.87 0.00	36.54 2.46 -2.11	37.82 2.36 -3.14	42.28 2.36 -6.21	45.80 2.72 -7.26	47.57 2.94 -4.97	48.34 3.18 -2.78	49.17 3.36 -2.16	52.72 3.59 0.00	58.74 3.45 -0.48	60.19 2.76 -0.01	61.08 2.23 -0.12	58.33 2.40 -0.09	52.08 1.76 -0.02	48.19 2.25 0.00	42.24 2.32 0.00
BARRETT_IC_8 23711	44.65 2.80 -0.01	40.81 2.53 -0.01	37.48 2.12 -0.01	35.28 1.74 -0.01	34.60 1.58 -0.01	35.58 1.43 0.00	34.91 1.21 0.00	36.86 1.66 0.00	33.57 1.87 0.00	36.42 2.33 -2.11	37.73 2.26 -3.15	42.19 2.26 -6.22	45.81 2.72 -7.27	47.58 2.94 -4.98	48.30 3.14 -2.79	49.22 3.41 -2.16	52.82 3.69 -0.01	58.58 3.29 -0.49	60.20 2.76 -0.02	61.03 2.17 -0.13	58.17 2.24 -0.10	52.34 2.01 -0.03	48.24 2.30 -0.01	42.33 2.40 -0.01
BARRETT_IC_9 23700	44.65 2.80 -0.01	40.81 2.53 -0.01	37.48 2.12 -0.01	35.28 1.74 -0.01	34.60 1.58 -0.01	35.58 1.43 0.00	34.91 1.21 0.00	36.86 1.66 0.00	33.57 1.87 0.00	36.42 2.33 -2.11	37.73 2.26 -3.15	42.19 2.26 -6.22	45.81 2.72 -7.27	47.58 2.94 -4.98	48.30 3.14 -2.79	49.22 3.41 -2.16	52.82 3.69 -0.01	58.58 3.29 -0.49	60.20 2.76 -0.02	61.03 2.17 -0.13	58.17 2.24 -0.10	52.34 2.01 -0.03	48.24 2.30 -0.01	42.33 2.40 -0.01
BARRETT___1 23545	44.65 2.80 -0.01	40.81 2.53 -0.01	37.48 2.12 -0.01	35.28 1.74 -0.01	34.60 1.58 -0.01	35.58 1.43 0.00	34.91 1.21 0.00	36.86 1.66 0.00	33.57 1.87 0.00	36.42 2.33 -2.11	37.73 2.26 -3.15	42.19 2.26 -6.22	45.81 2.72 -7.27	47.58 2.94 -4.98	48.30 3.14 -2.79	49.22 3.41 -2.16	52.82 3.69 -0.01	58.58 3.29 -0.49	60.20 2.76 -0.02	61.03 2.17 -0.13	58.17 2.24 -0.10	52.34 2.01 -0.03	48.24 2.30 -0.01	42.33 2.40 -0.01
BARRETT___2 23546	44.65 2.80 -0.01	40.81 2.53 -0.01	37.48 2.12 -0.01	35.28 1.74 -0.01	34.60 1.58 -0.01	35.58 1.43 0.00	34.91 1.21 0.00	36.86 1.66 0.00	33.57 1.87 0.00	36.42 2.33 -2.11	37.73 2.26 -3.15	42.19 2.26 -6.22	45.81 2.72 -7.27	47.58 2.94 -4.98	48.30 3.14 -2.79	49.22 3.41 -2.16	52.82 3.69 -0.01	58.58 3.29 -0.49	60.20 2.76 -0.02	61.03 2.17 -0.13	58.17 2.24 -0.10	52.34 2.01 -0.03	48.24 2.30 -0.01	42.33 2.40 -0.01
BATAVIA___115KV_TB1 55881	41.80 -0.04 0.00	37.93 -0.34 0.00	34.54 -0.81 0.00	32.52 -1.01 0.00	32.09 -0.92 0.00	33.09 -1.06 0.00	32.68 -1.01 0.00	34.29 -0.92 0.00	31.35 -0.35 0.00	31.40 -0.58 0.00	31.64 -0.68 0.00	33.17 -0.54 0.00	35.46 -0.36 0.00	39.78 0.12 0.00	42.21 -0.17 0.00	43.48 -0.17 0.00	48.83 -0.29 0.00	55.84 1.04 0.00	59.09 1.67 0.00	59.84 1.12 0.00	55.45 -0.39 0.00	50.20 -0.10 0.00	45.85 -0.09 0.00	39.49 -0.44 0.00
BAYONEEC___CTG1 323682	44.31 2.47 0.00	40.54 2.26 0.00	37.33 1.98 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.97 1.28 0.00	36.83 1.62 0.00	33.54 1.84 0.00	33.99 2.02 0.00	34.35 2.04 0.00	35.73 2.02 0.00	38.36 2.54 0.00	42.44 2.78 0.00	45.39 3.01 0.00	46.97 3.32 0.00	52.67 3.54 0.00	57.60 2.79 0.00	59.61 2.18 0.00	60.49 1.76 0.00	57.85 2.01 0.00	52.37 2.06 0.00	48.19 2.25 0.00	41.88 1.96 0.00
BAYONEEC___CTG10 323750	44.31 2.47 0.00	40.54 2.26 0.00	37.33 1.98 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.97 1.28 0.00	36.83 1.62 0.00	33.54 1.84 0.00	33.99 2.02 0.00	34.35 2.04 0.00	35.73 2.02 0.00	38.36 2.54 0.00	42.44 2.78 0.00	45.39 3.01 0.00	46.97 3.32 0.00	52.67 3.54 0.00	57.60 2.79 0.00	59.61 2.18 0.00	60.49 1.76 0.00	57.85 2.01 0.00	52.37 2.06 0.00	48.19 2.25 0.00	41.88 1.96 0.00
BAYONEEC___CTG2 323683	44.31 2.47 0.00	40.54 2.26 0.00	37.33 1.98 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.97 1.28 0.00	36.83 1.62 0.00	33.54 1.84 0.00	33.99 2.02 0.00	34.35 2.04 0.00	35.73 2.02 0.00	38.36 2.54 0.00	42.44 2.78 0.00	45.39 3.01 0.00	46.97 3.32 0.00	52.67 3.54 0.00	57.60 2.79 0.00	59.61 2.18 0.00	60.49 1.76 0.00	57.85 2.01 0.00	52.37 2.06 0.00	48.19 2.25 0.00	41.88 1.96 0.00
BAYONEEC___CTG3 323684	44.31 2.47 0.00	40.54 2.26 0.00	37.33 1.98 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.97 1.28 0.00	36.83 1.62 0.00	33.54 1.84 0.00	33.99 2.02 0.00	34.35 2.04 0.00	35.73 2.02 0.00	38.36 2.54 0.00	42.44 2.78 0.00	45.39 3.01 0.00	46.97 3.32 0.00	52.67 3.54 0.00	57.60 2.79 0.00	59.61 2.18 0.00	60.49 1.76 0.00	57.85 2.01 0.00	52.37 2.06 0.00	48.19 2.25 0.00	41.88 1.96 0.00
BAYONEEC___CTG4 323685	44.31 2.47 0.00	40.54 2.26 0.00	37.33 1.98 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.97 1.28 0.00	36.83 1.62 0.00	33.54 1.84 0.00	33.99 2.02 0.00	34.35 2.04 0.00	35.73 2.02 0.00	38.36 2.54 0.00	42.44 2.78 0.00	45.39 3.01 0.00	46.97 3.32 0.00	52.67 3.54 0.00	57.60 2.79 0.00	59.61 2.18 0.00	60.49 1.76 0.00	57.85 2.01 0.00	52.37 2.06 0.00	48.19 2.25 0.00	41.88 1.96 0.00
BAYONEEC___CTG5 323686	44.31 2.47 0.00	40.54 2.26 0.00	37.33 1.98 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.97 1.28 0.00	36.83 1.62 0.00	33.54 1.84 0.00	33.99 2.02 0.00	34.35 2.04 0.00	35.73 2.02 0.00	38.36 2.54 0.00	42.44 2.78 0.00	45.39 3.01 0.00	46.97 3.32 0.00	52.67 3.54 0.00	57.60 2.79 0.00	59.61 2.18 0.00	60.49 1.76 0.00	57.85 2.01 0.00	52.37 2.06 0.00	48.19 2.25 0.00	41.88 1.96 0.00
BAYONEEC___CTG6 323687	44.31 2.47 0.00	40.54 2.26 0.00	37.33 1.98 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.97 1.28 0.00	36.83 1.62 0.00	33.54 1.84 0.00	33.99 2.02 0.00	34.35 2.04 0.00	35.73 2.02 0.00	38.36 2.54 0.00	42.44 2.78 0.00	45.39 3.01 0.00	46.97 3.32 0.00	52.67 3.54 0.00	57.60 2.79 0.00	59.61 2.18 0.00	60.49 1.76 0.00	57.85 2.01 0.00	52.37 2.06 0.00	48.19 2.25 0.00	41.88 1.96 0.00
BAYONEEC___CTG7 323688	44.31 2.47 0.00	40.54 2.26 0.00	37.33 1.98 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.97 1.28 0.00	36.83 1.62 0.00	33.54 1.84 0.00	33.99 2.02 0.00	34.35 2.04 0.00	35.73 2.02 0.00	38.36 2.54 0.00	42.44 2.78 0.00	45.39 3.01 0.00	46.97 3.32 0.00	52.67 3.54 0.00	57.60 2.79 0.00	59.61 2.18 0.00	60.49 1.76 0.00	57.85 2.01 0.00	52.37 2.06 0.00	48.19 2.25 0.00	41.88 1.96 0.00

BAYONEEC___CTG8 323689	44.31 2.47 0.00	40.54 2.26 0.00	37.33 1.98 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.97 1.28 0.00	36.83 1.62 0.00	33.54 1.84 0.00	33.99 2.02 0.00	34.35 2.04 0.00	35.73 2.02 0.00	38.36 2.54 0.00	42.44 2.78 0.00	45.39 3.01 0.00	46.97 3.32 0.00	52.67 3.54 0.00	57.60 2.79 0.00	59.61 2.18 0.00	60.49 1.76 0.00	57.85 2.01 0.00	52.37 2.06 0.00	48.19 2.25 0.00	41.88 1.96 0.00
BAYONEEC___CTG9 323749	44.31 2.47 0.00	40.54 2.26 0.00	37.33 1.98 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.97 1.28 0.00	36.83 1.62 0.00	33.54 1.84 0.00	33.99 2.02 0.00	34.35 2.04 0.00	35.73 2.02 0.00	38.36 2.54 0.00	42.44 2.78 0.00	45.39 3.01 0.00	46.97 3.32 0.00	52.67 3.54 0.00	57.60 2.79 0.00	59.61 2.18 0.00	60.49 1.76 0.00	57.85 2.01 0.00	52.37 2.06 0.00	48.19 2.25 0.00	41.88 1.96 0.00
BAYPORT_69_KV_BK 2 356364	45.85 4.02 0.00	41.84 3.56 0.00	38.46 3.11 0.00	36.18 2.65 0.00	35.82 2.81 0.00	36.67 2.53 0.00	35.88 2.19 0.00	37.92 2.71 0.00	34.52 2.82 0.00	37.75 3.68 -2.11	38.79 3.33 -3.14	43.26 3.34 -6.21	46.80 3.72 -7.26	48.76 4.13 -4.97	49.69 4.53 -2.78	50.61 4.80 -2.16	57.83 5.16 -3.54	68.79 5.26 -8.73	70.81 4.65 -8.74	64.72 4.11 -1.88	61.30 4.08 -1.39	53.65 3.07 -0.28	49.43 3.49 0.00	43.36 3.43 0.00
BEACON___LESR 323632	42.47 0.63 0.00	39.08 0.81 0.00	36.17 0.81 0.00	34.20 0.67 0.00	33.64 0.63 0.00	34.73 0.58 0.00	34.10 0.41 0.00	35.56 0.35 0.00	31.89 0.19 0.00	32.07 0.10 0.00	32.44 0.13 0.00	33.78 0.07 0.00	35.92 0.11 0.00	39.83 0.16 0.00	42.59 0.21 0.00	43.91 0.26 0.00	49.28 0.15 0.00	55.08 0.28 0.00	57.77 0.35 0.00	59.14 0.41 0.00	56.45 0.62 0.00	50.86 0.55 0.00	46.45 0.51 0.00	40.52 0.60 0.00
BEAVER RIVER___HYD 24048	43.59 1.76 0.00	39.85 1.57 0.00	36.66 1.31 0.00	34.84 1.31 0.00	34.43 1.42 0.00	35.58 1.43 0.00	34.94 1.25 0.00	36.33 1.13 0.00	32.17 0.48 0.00	32.29 0.32 0.00	32.54 0.23 0.00	34.05 0.34 0.00	36.14 0.32 0.00	40.18 0.51 0.00	42.85 0.47 0.00	43.78 0.13 0.00	49.77 0.64 0.00	56.12 1.31 0.00	60.80 2.30 -1.08	63.56 3.58 -1.25	60.36 3.24 -1.28	54.50 3.12 -1.08	49.26 2.53 -0.80	41.88 1.88 -0.07
BEEBEE_GT_13 23619	41.38 -0.46 0.00	37.82 -0.46 0.00	34.57 -0.78 0.00	32.62 -0.91 0.00	32.18 -0.83 0.00	33.22 -0.92 0.00	32.82 -0.88 0.00	34.47 -0.74 0.00	31.41 -0.29 0.00	31.62 -0.35 0.00	31.96 -0.36 0.00	33.51 -0.20 0.00	35.71 -0.11 0.00	39.90 0.24 0.00	42.46 0.08 0.00	43.65 0.00 0.00	49.03 -0.10 0.00	55.62 0.82 0.00	58.57 1.15 0.00	59.43 0.70 0.00	55.39 -0.45 0.00	50.05 -0.25 0.00	45.71 -0.23 0.00	39.41 -0.52 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.60 2.76 0.00	40.69 2.41 0.00	37.44 2.09 0.00	35.44 1.91 0.00	34.76 1.75 0.00	35.61 1.47 0.00	34.91 1.21 0.00	36.69 1.48 0.00	33.34 1.65 0.01	33.95 1.98 0.00	34.38 2.07 0.00	35.73 2.02 0.00	38.29 2.47 0.00	42.32 2.66 0.00	45.35 2.97 0.00	46.88 3.23 0.00	52.47 3.34 0.00	57.49 2.69 0.00	59.44 2.01 0.00	60.37 1.64 0.00	57.84 2.01 0.01	52.21 1.91 0.00	48.15 2.21 0.00	41.92 2.00 0.00
BETHLEHEM___GRP 23843	41.88 0.04 0.00	38.58 0.31 0.00	35.71 0.35 0.00	33.90 0.37 0.00	33.27 0.26 0.00	34.39 0.24 0.00	33.73 0.03 0.00	35.17 -0.04 0.00	31.60 -0.10 0.00	31.84 -0.13 0.00	32.19 -0.13 0.00	33.54 -0.17 0.00	35.64 -0.18 0.00	39.43 -0.24 0.00	42.12 -0.25 0.00	43.43 -0.22 0.00	48.74 -0.39 0.00	54.36 -0.44 0.00	56.91 -0.52 0.00	58.20 -0.53 0.00	55.67 -0.17 0.00	50.10 -0.20 0.00	45.76 -0.18 0.00	39.97 0.04 0.00
BETHLEHEM___GS1 323560	41.88 0.04 0.00	38.58 0.30 0.00	35.71 0.35 0.00	33.80 0.27 0.00	33.21 0.20 0.00	34.28 0.14 0.00	33.69 0.00 0.00	35.14 -0.07 0.00	31.57 -0.13 0.00	31.78 -0.19 0.00	32.12 -0.19 0.00	33.47 -0.23 0.00	35.60 -0.21 0.00	39.43 -0.24 0.00	42.17 -0.21 0.00	43.43 -0.22 0.00	48.73 -0.39 0.00	54.31 -0.49 0.00	56.85 -0.57 0.00	58.20 -0.53 0.00	55.56 -0.28 0.00	50.05 -0.25 0.00	45.76 -0.18 0.00	39.97 0.04 0.00
BETHLEHEM___GS2 323561	41.88 0.04 0.00	38.58 0.30 0.00	35.71 0.35 0.00	33.80 0.27 0.00	33.21 0.20 0.00	34.28 0.14 0.00	33.69 0.00 0.00	35.14 -0.07 0.00	31.57 -0.13 0.00	31.78 -0.19 0.00	32.12 -0.19 0.00	33.47 -0.23 0.00	35.60 -0.21 0.00	39.43 -0.24 0.00	42.17 -0.21 0.00	43.43 -0.22 0.00	48.73 -0.39 0.00	54.31 -0.49 0.00	56.85 -0.57 0.00	58.20 -0.53 0.00	55.56 -0.28 0.00	50.05 -0.25 0.00	45.76 -0.18 0.00	39.97 0.04 0.00
BETHLEHEM___GS3 323562	41.88 0.04 0.00	38.58 0.30 0.00	35.71 0.35 0.00	33.80 0.27 0.00	33.21 0.20 0.00	34.28 0.14 0.00	33.69 0.00 0.00	35.14 -0.07 0.00	31.57 -0.13 0.00	31.78 -0.19 0.00	32.12 -0.19 0.00	33.47 -0.23 0.00	35.60 -0.21 0.00	39.43 -0.24 0.00	42.17 -0.21 0.00	43.43 -0.22 0.00	48.73 -0.39 0.00	54.31 -0.49 0.00	56.85 -0.57 0.00	58.20 -0.53 0.00	55.56 -0.28 0.00	50.05 -0.25 0.00	45.76 -0.18 0.00	39.97 0.04 0.00
BETHLEHEM___STEEL 23779	40.58 -1.26 0.00	37.09 -1.19 0.00	33.80 -1.56 0.00	31.89 -1.64 0.00	31.39 -1.62 0.00	32.34 -1.81 0.00	31.98 -1.72 0.00	33.62 -1.58 0.00	30.94 -0.76 0.00	31.08 -0.90 0.00	31.28 -1.03 0.00	32.90 -0.81 0.00	35.14 -0.68 0.00	39.51 -0.16 0.00	41.83 -0.55 0.00	43.17 -0.48 0.00	48.25 -0.88 0.00	55.13 0.33 0.00	58.11 0.69 0.00	58.55 -0.18 0.00	54.00 -1.84 0.00	48.94 -1.36 0.00	44.70 -1.24 0.00	38.73 -1.20 0.00
BETHLHEM_115KV_TB1 79974	42.00 0.17 0.00	38.66 0.38 0.00	35.78 0.42 0.00	33.97 0.44 0.00	33.34 0.33 0.00	34.45 0.31 0.00	33.83 0.13 0.00	35.28 0.07 0.00	31.67 -0.03 0.00	31.94 -0.03 0.00	32.28 -0.03 0.00	33.64 -0.07 0.00	35.74 -0.07 0.00	39.55 -0.12 0.00	42.25 -0.13 0.00	43.61 -0.04 0.00	48.88 -0.25 0.00	54.53 -0.27 0.00	57.08 -0.34 0.00	58.38 -0.35 0.00	55.78 -0.06 0.00	50.20 -0.10 0.00	45.90 -0.05 0.00	40.04 0.12 0.00
BETHPAGE_CC_5 323564	44.85 3.01 0.00	40.96 2.68 0.00	37.62 2.26 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.65 1.50 0.00	34.97 1.28 0.00	36.93 1.72 0.00	33.66 1.97 0.00	36.60 2.53 -2.11	37.88 2.42 -3.14	42.31 2.39 -6.21	45.98 2.90 -7.26	47.74 3.10 -4.97	48.51 3.35 -2.78	49.43 3.62 -2.16	52.74 3.83 0.23	57.85 3.45 0.41	59.47 2.93 0.88	59.95 2.29 1.07	57.35 2.29 0.78	52.15 2.01 0.17	48.24 2.30 0.00	42.48 2.56 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.62 -1.21 0.00	37.13 -1.15 0.00	33.80 -1.56 0.00	31.89 -1.64 0.00	31.39 -1.62 0.00	32.37 -1.78 0.00	31.98 -1.72 0.00	33.59 -1.62 0.00	30.91 -0.79 0.00	31.04 -0.93 0.00	31.28 -1.03 0.00	32.90 -0.81 0.00	35.17 -0.64 0.00	39.51 -0.16 0.00	41.87 -0.51 0.00	43.21 -0.44 0.00	48.29 -0.84 0.00	55.19 0.38 0.00	58.17 0.75 0.00	58.55 -0.18 0.00	54.05 -1.79 0.00	48.94 -1.36 0.00	44.70 -1.24 0.00	38.77 -1.16 0.00

BINGHAMTON___COGEN 23790	41.92 0.08 0.00	38.39 0.11 0.00	35.32 -0.04 0.00	33.50 -0.03 0.00	32.94 -0.07 0.00	34.08 -0.07 0.00	33.53 -0.17 0.00	35.03 -0.18 0.00	31.60 -0.10 0.00	31.84 -0.13 0.00	32.22 -0.10 0.00	33.67 -0.03 0.00	35.85 0.04 0.00	39.90 0.24 0.00	42.51 0.13 0.00	43.87 0.22 0.00	49.42 0.29 0.00	55.57 0.77 0.00	58.95 0.98 -0.55	60.25 0.88 -0.64	56.88 0.39 -0.65	51.05 0.20 -0.55	46.48 0.14 -0.41	40.00 0.04 -0.04
BIXINCNT_115KV_LOAD 355685	40.87 -0.96 0.00	37.36 -0.92 0.00	34.08 -1.27 0.00	32.15 -1.37 0.00	31.66 -1.35 0.00	32.71 -1.43 0.00	32.28 -1.42 0.00	33.80 -1.41 0.00	31.00 -0.70 0.00	31.24 -0.74 0.00	31.57 -0.74 0.00	33.17 -0.54 0.00	35.42 -0.39 0.00	39.78 0.12 0.00	42.17 -0.21 0.00	43.56 -0.09 0.00	48.83 -0.29 0.00	55.73 0.93 0.00	58.75 1.32 0.00	59.02 0.29 0.00	54.39 -1.45 0.00	48.94 -1.36 0.00	44.61 -1.33 0.00	38.81 -1.12 0.00
BLACK RIVER___HYD 24047	44.64 2.80 0.00	40.84 2.56 0.00	37.51 2.16 0.00	35.71 2.18 0.00	35.29 2.28 0.00	36.43 2.29 0.00	35.65 1.95 0.00	37.04 1.83 0.00	32.58 0.89 0.00	32.61 0.64 0.00	32.83 0.52 0.00	34.38 0.67 0.00	36.49 0.68 0.00	40.70 1.03 0.00	43.31 0.93 0.00	44.31 0.66 0.00	50.60 1.47 0.00	57.32 2.52 0.00	63.16 3.85 -1.89	66.55 5.64 -2.18	63.27 5.19 -2.24	57.13 4.93 -1.89	51.24 3.90 -1.39	42.97 2.91 -0.13
BLACKRVR_115KV_TB2 79977	44.64 2.80 0.00	40.84 2.56 0.00	37.54 2.19 0.00	35.68 2.15 0.00	35.25 2.24 0.00	36.40 2.25 0.00	35.61 1.92 0.00	37.04 1.83 0.00	32.55 0.86 0.00	32.58 0.61 0.00	32.83 0.52 0.00	34.35 0.64 0.00	36.46 0.64 0.00	40.70 1.03 0.00	43.31 0.93 0.00	44.31 0.65 0.00	50.60 1.47 0.00	57.27 2.47 0.00	63.16 3.85 -1.89	66.55 5.64 -2.18	63.16 5.08 -2.24	57.12 4.93 -1.89	51.24 3.90 -1.39	42.97 2.91 -0.13
BLISS_WT_PWR 323608	40.88 -0.96 0.00	37.25 -1.03 0.00	33.94 -1.42 0.00	32.19 -1.34 0.00	31.56 -1.45 0.00	32.74 -1.40 0.00	32.21 -1.48 0.00	33.55 -1.65 0.00	30.71 -0.98 0.00	31.27 -0.70 0.00	31.60 -0.71 0.00	33.17 -0.54 0.00	35.46 -0.36 0.00	39.79 0.12 0.00	42.38 0.00 0.00	43.61 -0.04 0.00	48.84 -0.29 0.00	55.68 0.87 0.00	58.86 1.44 0.00	58.96 0.24 0.00	54.94 -0.90 0.00	48.95 -1.36 0.00	44.52 -1.42 0.00	38.77 -1.16 0.00
BLUESTONE___WT_PWR 323821	44.22 2.38 0.00	40.50 2.22 0.00	37.19 1.84 0.00	35.37 1.84 0.00	34.82 1.81 0.00	35.99 1.84 0.00	35.17 1.48 0.00	36.65 1.44 0.00	32.49 0.79 0.00	32.58 0.61 0.00	32.80 0.49 0.00	34.35 0.64 0.00	36.64 0.82 0.00	40.93 1.27 0.00	43.56 1.18 0.00	44.78 1.13 0.00	51.10 1.97 0.00	57.98 3.18 0.00	62.11 4.14 -0.55	64.30 4.93 -0.64	60.62 4.13 -0.65	54.48 3.62 -0.55	49.24 2.90 -0.41	42.16 2.19 -0.04
BLUE_CIRC_CHEM_DRP 24182	42.59 0.75 0.00	39.16 0.88 0.00	36.24 0.88 0.00	34.40 0.87 0.00	33.80 0.79 0.00	34.90 0.75 0.00	34.27 0.57 0.00	35.63 0.42 0.00	31.89 0.19 0.00	32.10 0.13 0.00	32.41 0.10 0.00	33.78 0.07 0.00	35.89 0.07 0.00	39.71 0.04 0.00	42.46 0.08 0.00	43.83 0.17 0.00	49.23 0.10 0.00	55.02 0.22 0.00	57.77 0.34 0.00	59.20 0.47 0.00	56.56 0.73 0.00	50.91 0.60 0.00	46.54 0.60 0.00	40.56 0.64 0.00
BOC_GAS_DRP 24189	42.26 0.42 0.00	38.81 0.54 0.00	35.92 0.57 0.00	34.10 0.57 0.00	33.51 0.50 0.00	34.62 0.48 0.00	34.00 0.30 0.00	35.52 0.32 0.00	31.92 0.22 0.00	32.23 0.26 0.00	32.57 0.26 0.00	33.94 0.24 0.00	36.10 0.29 0.00	39.94 0.28 0.00	42.72 0.34 0.00	44.04 0.39 0.00	49.42 0.29 0.00	55.02 0.22 0.00	57.54 0.11 0.00	58.79 0.06 0.00	56.12 0.28 0.00	50.55 0.25 0.00	46.22 0.28 0.00	40.24 0.32 0.00
BOONVILLE_115KV_TB1 79983	43.09 1.26 0.00	39.46 1.19 0.00	36.34 0.99 0.00	34.54 1.01 0.00	34.03 1.02 0.00	35.17 1.02 0.00	34.54 0.84 0.00	36.05 0.84 0.00	32.11 0.41 0.00	32.26 0.29 0.00	32.57 0.26 0.00	34.05 0.34 0.00	36.17 0.36 0.00	40.22 0.56 0.00	42.89 0.51 0.00	44.00 0.35 0.00	49.87 0.74 0.00	56.01 1.21 0.00	59.60 1.72 -0.45	61.72 2.47 -0.52	58.55 2.18 -0.54	52.87 2.11 -0.45	47.97 1.70 -0.33	41.19 1.24 -0.03
BORALEX_4TH_BRANCH 23824	42.92 1.09 0.00	39.58 1.30 0.00	36.59 1.24 0.00	34.70 1.17 0.00	34.00 0.99 0.00	35.20 1.06 0.00	34.44 0.74 0.00	35.95 0.74 0.00	32.20 0.51 0.00	32.36 0.38 0.00	32.80 0.48 0.00	34.08 0.37 0.00	36.17 0.36 0.00	39.98 0.32 0.00	42.84 0.47 0.00	44.26 0.61 0.00	49.77 0.64 0.00	55.62 0.82 0.00	58.17 0.75 0.00	59.49 0.76 0.00	57.23 1.40 0.00	51.56 1.26 0.00	47.09 1.15 0.00	41.08 1.16 0.00
BOWLINE___1 23526	43.72 1.88 0.00	40.04 1.76 0.00	36.91 1.55 0.00	34.90 1.38 0.00	34.23 1.22 0.00	35.27 1.13 0.00	34.64 0.94 0.00	36.41 1.20 0.00	33.03 1.33 0.00	33.41 1.44 0.00	33.80 1.49 0.00	35.23 1.52 0.00	37.75 1.93 0.00	41.77 2.10 0.00	44.71 2.33 0.00	46.23 2.57 0.00	51.93 2.80 0.00	57.21 2.41 0.00	59.49 2.06 0.00	60.43 1.70 0.00	57.62 1.79 0.00	51.86 1.56 0.00	47.59 1.65 0.00	41.40 1.48 0.00
BOWLINE___2 23595	43.72 1.88 0.00	40.04 1.76 0.00	36.91 1.55 0.00	34.90 1.38 0.00	34.23 1.22 0.00	35.27 1.13 0.00	34.64 0.94 0.00	36.41 1.20 0.00	33.03 1.33 0.00	33.41 1.44 0.00	33.83 1.52 0.00	35.23 1.52 0.00	37.75 1.93 0.00	41.77 2.10 0.00	44.71 2.33 0.00	46.23 2.57 0.00	51.93 2.80 0.00	57.21 2.41 0.00	59.49 2.06 0.00	60.43 1.70 0.00	57.62 1.79 0.00	51.86 1.56 0.00	47.59 1.65 0.00	41.40 1.48 0.00
BRADY___115KV_TB2 356060	42.63 0.79 0.00	38.74 0.46 0.00	35.74 0.39 0.00	33.86 0.34 0.00	33.51 0.50 0.00	34.79 0.65 0.00	34.44 0.74 0.00	35.77 0.56 0.00	31.98 0.29 0.00	32.23 0.26 0.00	32.54 0.23 0.00	33.94 0.24 0.00	36.10 0.29 0.00	39.94 0.28 0.00	42.68 0.30 0.00	43.87 0.22 0.00	49.52 0.39 0.00	55.02 0.22 0.00	58.11 0.69 0.00	60.08 1.35 0.00	57.07 1.23 0.00	51.61 1.31 0.00	47.00 1.06 0.00	40.92 1.00 0.00
BRANSCOMB___SOLAR 323811	43.22 1.38 0.00	39.69 1.42 0.00	36.70 1.34 0.00	34.67 1.14 0.00	34.13 1.12 0.00	35.24 1.09 0.00	34.60 0.91 0.00	35.98 0.77 0.00	32.05 0.35 0.00	32.10 0.13 0.00	32.31 0.00 0.00	33.67 -0.03 0.00	35.74 -0.07 0.00	39.55 -0.12 0.00	42.34 -0.04 0.00	43.69 0.04 0.00	49.23 0.10 0.00	55.29 0.49 0.00	58.46 1.03 0.00	60.20 1.47 0.00	57.74 1.90 0.00	51.96 1.66 0.00	47.41 1.47 0.00	41.20 1.28 0.00
BRDGHMPT_69_KV_BK1 55812	46.23 4.39 0.00	42.26 3.98 0.00	38.96 3.61 0.00	36.58 3.05 0.00	36.25 3.23 0.00	37.15 3.00 0.00	36.39 2.70 0.00	38.59 3.38 0.00	35.22 3.52 0.00	38.59 4.51 -2.11	39.53 4.07 -3.14	44.03 4.11 -6.21	47.73 4.66 -7.26	49.95 5.32 -4.97	51.01 5.85 -2.78	52.05 6.24 -2.16	59.66 6.98 -3.56	70.34 7.40 -8.14	72.71 6.83 -8.46	66.80 6.17 -1.90	63.16 5.92 -1.40	55.21 4.63 -0.28	50.54 4.59 0.00	44.24 4.31 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	45.52 3.68 0.00	41.49 3.22 0.00	38.15 2.79 0.00	35.88 2.35 0.00	35.52 2.51 0.00	36.37 2.22 0.00	35.55 1.85 0.00	37.57 2.36 0.00	34.17 2.47 0.00	37.27 3.20 -2.11	38.46 3.01 -3.14	42.92 3.00 -6.21	46.44 3.37 -7.26	48.29 3.65 -4.97	49.10 3.94 -2.78	50.00 4.19 -2.16	53.98 4.42 -0.43	60.32 4.49 -1.02	62.07 3.85 -0.80	62.10 3.35 -0.02	59.15 3.29 -0.02	52.67 2.36 0.00	48.97 3.03 0.00	43.04 3.11 0.00
BRISTLHL_115KV_TB1 79998	41.08 -0.75 0.00	37.67 -0.61 0.00	34.79 -0.57 0.00	32.96 -0.57 0.00	32.45 -0.56 0.00	33.53 -0.61 0.00	33.02 -0.67 0.00	34.50 -0.70 0.00	31.10 -0.60 0.00	31.33 -0.64 0.00	31.67 -0.65 0.00	33.10 -0.61 0.00	35.06 -0.75 0.00	38.91 -0.75 0.00	41.49 -0.89 0.00	42.73 -0.92 0.00	48.15 -0.98 0.00	53.98 -0.82 0.00	59.57 -0.63 -2.78	61.36 -0.59 -3.22	58.36 -0.78 -3.30	52.33 -0.75 -2.79	47.21 -0.78 -2.05	39.31 -0.80 -0.19
BROOKHAVEN___DRP 24191	45.31 3.47 0.00	41.38 3.10 0.00	38.11 2.76 0.00	35.84 2.31 0.00	35.52 2.51 0.00	36.40 2.25 0.00	35.65 1.95 0.00	37.67 2.46 0.00	34.30 2.60 0.00	37.47 3.39 -2.11	38.36 2.91 -3.14	42.75 2.83 -6.21	46.23 3.15 -7.26	48.17 3.53 -4.97	48.97 3.81 -2.78	49.87 4.06 -2.16	56.99 4.37 -3.49	67.11 4.38 -7.92	69.47 3.79 -8.26	63.88 3.29 -1.86	60.67 3.46 -1.37	53.09 2.52 -0.27	48.93 2.99 0.00	43.00 3.07 0.00
BROOKLYN_NAVY_YARD 23515	44.27 2.43 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.24 1.71 0.00	34.53 1.52 0.00	35.55 1.40 0.00	34.94 1.25 0.00	36.83 1.62 0.00	33.54 1.84 0.00	33.99 2.02 0.00	34.32 2.00 0.00	35.70 1.99 0.00	38.32 2.51 0.00	42.40 2.73 0.00	45.34 2.97 0.00	46.88 3.23 0.00	52.62 3.49 0.00	57.60 2.79 0.00	59.55 2.13 0.00	60.49 1.76 0.00	57.79 1.95 0.00	52.26 1.96 0.00	48.15 2.21 0.00	41.84 1.92 0.00
BROOKLYN___ARMY_DRP 323595	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.83 1.85 0.00	34.22 1.91 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.12 2.46 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.18 3.05 0.00	57.16 2.36 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.56 1.73 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
BROOME_2_LFGE 323671	41.92 0.08 0.00	38.35 0.08 0.00	35.32 -0.04 0.00	33.53 0.00 0.00	32.94 -0.07 0.00	34.08 -0.07 0.00	33.53 -0.17 0.00	34.96 -0.24 0.00	31.54 -0.16 0.00	31.84 -0.13 0.00	32.22 -0.10 0.00	33.67 -0.03 0.00	35.89 0.07 0.00	39.91 0.24 0.00	42.55 0.17 0.00	43.87 0.22 0.00	49.43 0.30 0.00	55.46 0.66 0.00	59.01 1.03 -0.55	60.25 0.88 -0.64	56.99 0.50 -0.65	51.11 0.25 -0.55	46.49 0.14 -0.41	40.00 0.04 -0.04
BROOME___LFGE 323600	41.92 0.08 0.00	38.35 0.08 0.00	35.32 -0.04 0.00	33.53 0.00 0.00	32.94 -0.07 0.00	34.08 -0.07 0.00	33.53 -0.17 0.00	34.96 -0.24 0.00	31.54 -0.16 0.00	31.84 -0.13 0.00	32.22 -0.10 0.00	33.67 -0.03 0.00	35.89 0.07 0.00	39.91 0.24 0.00	42.55 0.17 0.00	43.87 0.22 0.00	49.43 0.30 0.00	55.46 0.66 0.00	59.01 1.03 -0.55	60.25 0.88 -0.64	56.99 0.50 -0.65	51.11 0.25 -0.55	46.49 0.14 -0.41	40.00 0.04 -0.04
BROWNFLS_115KV_TB 3_5 80003	42.92 1.09 0.00	39.12 0.84 0.00	36.02 0.67 0.00	34.20 0.67 0.00	33.84 0.83 0.00	35.03 0.89 0.00	34.54 0.84 0.00	35.95 0.74 0.00	31.98 0.29 0.00	32.16 0.19 0.00	32.48 0.16 0.00	33.94 0.24 0.00	36.07 0.25 0.00	40.02 0.36 0.00	42.72 0.34 0.00	43.74 0.09 0.00	49.52 0.39 0.00	55.46 0.66 0.00	59.53 1.38 -0.73	61.92 2.35 -0.84	58.77 2.07 -0.86	53.14 2.11 -0.73	48.13 1.65 -0.54	41.29 1.32 -0.05
BROWNSV1_27_KV_LOAD 356125	44.68 2.84 0.00	40.84 2.56 0.00	37.62 2.26 0.00	35.64 2.11 0.00	34.96 1.95 0.00	35.96 1.81 0.00	35.34 1.65 0.00	37.18 1.97 0.00	33.82 2.12 0.00	34.40 2.43 0.00	34.77 2.46 0.00	36.14 2.43 0.00	38.68 2.87 0.00	42.80 3.13 0.00	45.81 3.43 0.00	47.32 3.67 0.00	53.16 4.03 0.00	58.36 3.56 0.00	60.24 2.81 0.00	61.14 2.41 0.00	58.69 2.85 0.00	52.92 2.62 0.00	48.56 2.62 0.00	42.24 2.32 0.00
BURROWS___LYONSDAL 23803	43.22 1.38 0.00	39.54 1.26 0.00	36.41 1.06 0.00	34.60 1.07 0.00	34.13 1.12 0.00	35.24 1.09 0.00	34.64 0.94 0.00	36.09 0.88 0.00	32.11 0.41 0.00	32.26 0.29 0.00	32.57 0.26 0.00	34.01 0.30 0.00	36.14 0.32 0.00	40.18 0.52 0.00	42.84 0.47 0.00	43.91 0.26 0.00	49.82 0.69 0.00	55.95 1.15 0.00	59.84 1.84 -0.58	62.10 2.70 -0.67	58.92 2.40 -0.68	53.19 2.31 -0.58	48.20 1.84 -0.42	41.36 1.40 -0.04
CAITHNESS_CC_1 323624	45.22 3.39 0.00	41.38 3.10 0.00	38.01 2.65 0.00	35.68 2.15 0.00	35.02 2.01 0.00	36.06 1.91 0.00	35.38 1.68 0.00	37.43 2.22 0.00	34.14 2.44 0.00	37.21 3.14 -2.11	38.20 2.75 -3.14	42.55 2.63 -6.21	46.16 3.08 -7.26	48.05 3.41 -4.97	48.80 3.65 -2.78	49.78 3.97 -2.16	56.88 4.32 -3.42	66.46 3.95 -7.71	69.04 3.56 -8.06	63.37 2.82 -1.82	60.14 2.96 -1.34	53.18 2.61 -0.27	48.70 2.76 0.00	43.04 3.12 0.00
CALPINE BETH_PAGE_GT4 24209	44.85 3.01 0.00	40.88 2.60 0.00	37.58 2.23 0.00	35.44 1.91 0.00	34.99 1.98 0.00	35.82 1.67 0.00	35.08 1.38 0.00	37.00 1.80 0.00	33.66 1.97 0.00	36.70 2.62 -2.11	37.98 2.52 -3.14	42.45 2.53 -6.21	45.98 2.90 -7.26	47.77 3.13 -4.97	48.55 3.39 -2.78	49.43 3.62 -2.16	52.56 3.68 0.25	57.95 3.62 0.47	59.34 2.87 0.96	59.92 2.35 1.16	57.39 2.40 0.85	51.78 1.66 0.19	48.33 2.39 0.00	42.36 2.44 0.00
CALPINE_BETH_PAGE_GT_4 323586	44.85 3.01 0.00	40.96 2.68 0.00	37.58 2.23 0.00	35.34 1.81 0.00	34.66 1.65 0.00	35.65 1.50 0.00	34.97 1.28 0.00	36.93 1.72 0.00	33.63 1.93 0.00	36.57 2.50 -2.11	37.88 2.42 -3.14	42.31 2.39 -6.21	45.98 2.90 -7.26	47.77 3.13 -4.97	48.55 3.39 -2.78	49.48 3.67 -2.16	52.66 3.78 0.25	57.74 3.40 0.47	59.34 2.87 0.96	59.80 2.23 1.16	57.23 2.24 0.85	52.08 1.96 0.19	48.28 2.34 0.00	42.44 2.52 0.00
CALPINE_BP_GT1 23823	44.85 3.01 0.00	40.96 2.68 0.00	37.58 2.23 0.00	35.34 1.81 0.00	34.66 1.65 0.00	35.65 1.50 0.00	34.97 1.28 0.00	36.93 1.72 0.00	33.63 1.93 0.00	36.57 2.50 -2.11	37.88 2.42 -3.14	42.31 2.39 -6.21	45.98 2.90 -7.26	47.77 3.13 -4.97	48.55 3.39 -2.78	49.48 3.67 -2.16	52.66 3.78 0.25	57.74 3.40 0.47	59.34 2.87 0.96	59.80 2.23 1.16	57.23 2.24 0.85	52.08 1.96 0.19	48.28 2.34 0.00	42.44 2.52 0.00
CALSPAN___DRP 24200	40.58 -1.26 0.00	37.09 -1.19 0.00	33.80 -1.56 0.00	31.89 -1.64 0.00	31.39 -1.62 0.00	32.34 -1.81 0.00	31.98 -1.72 0.00	33.62 -1.58 0.00	30.94 -0.76 0.00	31.08 -0.90 0.00	31.28 -1.03 0.00	32.90 -0.81 0.00	35.14 -0.68 0.00	39.51 -0.16 0.00	41.83 -0.55 0.00	43.17 -0.48 0.00	48.25 -0.88 0.00	55.13 0.33 0.00	58.11 0.69 0.00	58.55 -0.18 0.00	54.00 -1.84 0.00	48.94 -1.36 0.00	44.70 -1.24 0.00	38.73 -1.20 0.00

CALVERTON___SOLAR 323806	45.47 3.64 0.00	41.57 3.29 0.00	38.25 2.90 0.00	35.88 2.35 0.00	35.22 2.21 0.00	36.33 2.19 0.00	35.61 1.92 0.00	37.71 2.50 0.00	34.39 2.69 0.00	37.50 3.42 -2.11	38.40 2.94 -3.14	42.75 2.83 -6.21	46.37 3.29 -7.26	48.33 3.69 -4.97	49.19 4.03 -2.78	50.17 4.36 -2.16	57.51 4.86 -3.51	67.36 4.55 -8.01	70.01 4.25 -8.33	64.13 3.52 -1.88	60.85 3.63 -1.38	53.75 3.17 -0.28	49.07 3.13 0.00	43.40 3.47 0.00
CANDIGU_WT_PWR 323617	41.34 -0.50 0.00	37.78 -0.50 0.00	34.54 -0.81 0.00	32.76 -0.77 0.00	32.19 -0.82 0.00	33.33 -0.82 0.00	32.79 -0.91 0.00	34.05 -1.16 0.00	30.81 -0.89 0.00	31.11 -0.86 0.00	31.38 -0.94 0.00	32.90 -0.81 0.00	35.10 -0.72 0.00	39.27 -0.40 0.00	41.83 -0.55 0.00	43.08 -0.57 0.00	48.44 -0.69 0.00	54.97 0.16 0.00	58.54 0.86 -0.25	59.55 0.53 -0.29	56.08 -0.06 -0.30	50.15 -0.40 -0.25	45.62 -0.50 -0.19	39.38 -0.56 -0.02
CARR STREET_E_SYR 24060	41.21 -0.63 0.00	37.78 -0.50 0.00	34.86 -0.49 0.00	33.13 -0.40 0.00	32.58 -0.43 0.00	33.70 -0.44 0.00	33.19 -0.50 0.00	34.64 -0.56 0.00	31.25 -0.44 0.00	31.56 -0.42 0.00	31.89 -0.42 0.00	33.34 -0.37 0.00	35.31 -0.50 0.00	39.19 -0.47 0.00	41.79 -0.59 0.00	43.04 -0.61 0.00	48.44 -0.69 0.00	54.31 -0.49 0.00	57.82 -0.29 -0.68	59.17 -0.35 -0.79	56.14 -0.50 -0.81	50.38 -0.60 -0.68	45.80 -0.64 -0.50	39.33 -0.64 -0.05
CARTHAGE___PAPER 23857	44.14 2.30 0.00	40.30 2.03 0.00	37.08 1.73 0.00	35.27 1.74 0.00	34.86 1.85 0.00	36.02 1.88 0.00	35.28 1.58 0.00	36.69 1.48 0.00	32.36 0.67 0.00	32.45 0.48 0.00	32.70 0.39 0.00	34.18 0.47 0.00	36.28 0.46 0.00	40.42 0.75 0.00	43.05 0.68 0.00	44.00 0.35 0.00	50.16 1.03 0.00	56.67 1.86 0.00	62.04 3.04 -1.57	65.13 4.58 -1.82	61.95 4.24 -1.87	55.95 4.07 -1.58	50.32 3.21 -1.16	42.43 2.40 -0.11
CASSADAGA_WT_PWR 323784	41.50 -0.34 0.00	37.89 -0.38 0.00	34.50 -0.85 0.00	32.76 -0.77 0.00	32.12 -0.89 0.00	33.33 -0.82 0.00	32.79 -0.91 0.00	34.12 -1.09 0.00	31.16 -0.54 0.00	31.71 -0.26 0.00	32.05 -0.26 0.00	33.67 -0.03 0.00	36.03 0.22 0.00	40.46 0.79 0.00	43.10 0.72 0.00	44.35 0.70 0.00	49.67 0.54 0.00	56.72 1.92 0.00	60.07 2.64 0.00	60.25 1.52 0.00	56.23 0.39 0.00	50.30 0.00 0.00	45.57 -0.37 0.00	39.73 -0.20 0.00
CE_DUNWOOD___DRP 24194	44.01 2.18 0.00	40.27 1.99 0.00	37.16 1.80 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.55 1.40 0.00	34.91 1.21 0.00	36.69 1.48 0.00	33.28 1.58 0.00	33.79 1.82 0.00	34.16 1.84 0.00	35.56 1.85 0.00	38.00 2.18 0.00	42.05 2.38 0.00	45.01 2.63 0.00	46.49 2.84 0.00	52.22 3.10 0.00	57.60 2.79 0.00	59.67 2.24 0.00	60.67 1.94 0.00	58.07 2.23 0.00	52.21 1.91 0.00	47.92 1.98 0.00	41.68 1.76 0.00
CE_MILLWOOD___DRP 24193	43.89 2.05 0.00	40.19 1.91 0.00	37.05 1.70 0.00	35.11 1.58 0.00	34.46 1.45 0.00	35.51 1.37 0.00	34.87 1.18 0.00	36.62 1.41 0.00	33.22 1.52 0.00	33.70 1.73 0.00	34.06 1.74 0.00	35.46 1.75 0.00	37.89 2.08 0.00	41.93 2.26 0.00	44.88 2.50 0.00	46.36 2.71 0.00	52.08 2.95 0.00	57.49 2.69 0.00	59.61 2.18 0.00	60.55 1.82 0.00	57.96 2.12 0.00	52.11 1.81 0.00	47.82 1.88 0.00	41.60 1.68 0.00
CE_NYC2_DRP 24202	44.31 2.47 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.66 1.65 0.00	35.58 1.43 0.00	34.94 1.25 0.00	36.72 1.51 0.00	33.41 1.71 0.00	33.99 2.01 0.00	34.35 2.04 0.00	35.73 2.02 0.00	38.25 2.44 0.00	42.24 2.58 0.00	45.26 2.88 0.00	46.75 3.10 0.00	52.37 3.24 0.00	57.43 2.63 0.00	59.21 1.78 0.00	60.14 1.41 0.00	57.78 1.95 0.01	52.11 1.81 0.00	47.96 2.02 0.00	41.76 1.84 0.00
CE_NYC_DRP 24195	44.39 2.55 0.00	40.57 2.30 0.00	37.40 2.05 0.00	35.44 1.91 0.00	34.76 1.75 0.00	35.75 1.60 0.00	35.14 1.45 0.00	36.97 1.76 0.00	33.60 1.90 0.00	34.18 2.21 0.00	34.54 2.23 0.00	35.90 2.19 0.00	38.43 2.61 0.00	42.48 2.82 0.00	45.51 3.14 0.00	46.97 3.32 0.00	52.77 3.64 0.00	57.98 3.18 0.00	59.78 2.35 0.00	60.67 1.94 0.00	58.24 2.40 0.00	52.52 2.21 0.00	48.24 2.30 0.00	41.96 2.04 0.00
CHAFFEE___LFGE 323603	40.75 -1.09 0.00	37.17 -1.11 0.00	33.80 -1.55 0.00	32.09 -1.44 0.00	31.46 -1.55 0.00	32.54 -1.60 0.00	32.04 -1.65 0.00	33.48 -1.72 0.00	30.71 -0.98 0.00	31.20 -0.77 0.00	31.44 -0.87 0.00	33.03 -0.67 0.00	35.31 -0.50 0.00	39.63 -0.04 0.00	42.25 -0.13 0.00	43.35 -0.30 0.00	48.54 -0.59 0.00	55.41 0.60 0.00	58.57 1.15 0.00	58.91 0.18 0.00	55.00 -0.84 0.00	49.30 -1.01 0.00	44.84 -1.10 0.00	38.89 -1.04 0.00
CHATEAUG_35_KV_LOAD 355732	42.17 0.33 0.00	38.35 0.08 0.00	35.42 0.07 0.00	33.56 0.03 0.00	33.14 0.13 0.00	34.42 0.27 0.00	34.10 0.40 0.00	35.52 0.32 0.00	31.89 0.19 0.00	32.13 0.16 0.00	32.48 0.16 0.00	33.84 0.13 0.00	35.96 0.14 0.00	39.78 0.12 0.00	42.51 0.13 0.00	43.74 0.09 0.00	49.33 0.20 0.00	54.91 0.11 0.00	57.77 0.34 0.00	59.32 0.59 0.00	56.40 0.56 0.00	50.86 0.55 0.00	46.40 0.46 0.00	40.40 0.48 0.00
CHATEAUG_WT_PWR 323614	42.09 0.25 0.00	38.32 0.04 0.00	35.39 0.04 0.00	33.53 0.00 0.00	33.11 0.10 0.00	34.32 0.17 0.00	34.03 0.34 0.00	35.49 0.28 0.00	31.92 0.22 0.00	32.20 0.23 0.00	32.54 0.23 0.00	33.91 0.20 0.00	36.07 0.25 0.00	39.87 0.20 0.00	42.63 0.26 0.00	43.83 0.18 0.00	49.43 0.30 0.00	55.13 0.33 0.00	57.71 0.29 0.00	59.20 0.47 0.00	56.23 0.39 0.00	50.75 0.45 0.00	46.31 0.37 0.00	40.32 0.40 0.00
CHAT_HIGH_FALL_HYD 323578	42.17 0.33 0.00	38.35 0.08 0.00	35.42 0.07 0.00	33.56 0.03 0.00	33.14 0.13 0.00	34.42 0.27 0.00	34.10 0.40 0.00	35.52 0.32 0.00	31.89 0.19 0.00	32.13 0.16 0.00	32.48 0.16 0.00	33.84 0.13 0.00	35.96 0.14 0.00	39.78 0.12 0.00	42.51 0.13 0.00	43.74 0.09 0.00	49.33 0.20 0.00	54.91 0.11 0.00	57.77 0.34 0.00	59.32 0.59 0.00	56.40 0.56 0.00	50.86 0.55 0.00	46.40 0.46 0.00	40.40 0.48 0.00
CHAUTAUQUA___LFGE 323629	41.17 -0.67 0.00	37.59 -0.69 0.00	34.22 -1.13 0.00	32.46 -1.07 0.00	31.85 -1.16 0.00	32.99 -1.16 0.00	32.48 -1.21 0.00	33.80 -1.41 0.00	30.94 -0.76 0.00	31.46 -0.51 0.00	31.80 -0.52 0.00	33.37 -0.34 0.00	35.71 -0.11 0.00	40.06 0.40 0.00	42.68 0.30 0.00	43.87 0.22 0.00	49.13 0.00 0.00	56.01 1.20 0.00	59.32 1.89 0.00	59.61 0.88 0.00	55.62 -0.22 0.00	49.80 -0.50 0.00	45.25 -0.69 0.00	39.33 -0.60 0.00
CHERRYST_13_KV_LD 356241	44.51 2.68 0.00	40.69 2.41 0.00	37.51 2.16 0.00	35.54 2.01 0.00	34.86 1.85 0.00	35.85 1.71 0.00	35.24 1.55 0.00	37.07 1.87 0.00	33.73 2.03 0.00	34.31 2.33 0.00	34.64 2.33 0.00	36.03 2.33 0.00	38.57 2.76 0.00	42.64 2.97 0.00	45.64 3.26 0.00	47.14 3.49 0.00	52.96 3.83 0.00	58.14 3.34 0.00	60.01 2.58 0.00	60.90 2.17 0.00	58.46 2.62 0.00	52.72 2.41 0.00	48.38 2.43 0.00	42.08 2.16 0.00

CHESTROR_138KV_BK263 355645	43.47 1.63 0.00	39.77 1.49 0.00	36.73 1.38 0.00	34.80 1.27 0.00	34.17 1.16 0.00	35.24 1.09 0.00	34.57 0.88 0.00	36.26 1.06 0.00	32.81 1.11 0.00	33.22 1.25 0.00	33.61 1.29 0.00	35.02 1.31 0.00	37.36 1.54 0.00	41.37 1.71 0.00	44.29 1.91 0.00	45.70 2.05 0.00	51.44 2.31 0.00	56.94 2.14 0.00	59.21 1.78 0.00	60.20 1.47 0.00	57.51 1.68 0.00	51.71 1.41 0.00	47.37 1.42 0.00	41.20 1.28 0.00
CH_MIDHUDSON___DRP 24192	43.76 1.92 0.00	40.08 1.80 0.00	37.01 1.66 0.00	35.07 1.54 0.00	34.43 1.42 0.00	35.48 1.33 0.00	34.84 1.15 0.00	36.51 1.30 0.00	33.03 1.33 0.00	33.41 1.44 0.00	33.77 1.45 0.00	35.19 1.48 0.00	37.53 1.72 0.00	41.61 1.94 0.00	44.54 2.16 0.00	45.96 2.31 0.00	51.68 2.55 0.00	57.21 2.41 0.00	59.49 2.07 0.00	60.55 1.82 0.00	57.85 2.01 0.00	52.01 1.71 0.00	47.69 1.75 0.00	41.48 1.56 0.00
CH_MISC_IPPS 23765	44.05 2.22 0.00	40.30 2.03 0.00	37.23 1.87 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.58 1.43 0.00	34.91 1.21 0.00	36.62 1.41 0.00	33.13 1.43 0.00	33.44 1.47 0.00	33.80 1.49 0.00	35.23 1.52 0.00	37.68 1.86 0.00	41.81 2.14 0.00	44.75 2.37 0.00	46.23 2.57 0.00	51.93 2.80 0.00	57.49 2.68 0.00	59.95 2.52 0.00	61.02 2.29 0.00	58.13 2.29 0.00	52.32 2.01 0.00	47.96 2.02 0.00	41.72 1.80 0.00
CH_RES_BVR_FALLS 23983	41.84 0.00 0.00	38.24 -0.04 0.00	35.28 -0.07 0.00	33.46 -0.07 0.00	32.98 -0.03 0.00	34.15 0.00 0.00	33.73 0.03 0.00	35.21 0.00 0.00	31.70 0.00 0.00	31.97 0.00 0.00	32.31 0.00 0.00	33.71 0.00 0.00	35.82 0.00 0.00	39.63 -0.04 0.00	42.34 -0.04 0.00	43.61 -0.04 0.00	49.08 -0.05 0.00	54.80 0.00 0.00	57.37 -0.06 0.00	58.73 0.00 0.00	55.84 0.00 0.00	50.30 0.00 0.00	45.94 0.00 0.00	39.97 0.04 0.00
CH_RES_NIAGARA 23895	39.37 -2.47 0.00	36.71 -1.57 0.00	33.41 -1.94 0.00	31.52 -2.01 0.00	31.06 -1.95 0.00	31.99 -2.15 0.00	31.64 -2.06 0.00	33.38 -1.83 0.00	30.84 -0.86 0.00	30.76 -1.21 0.00	30.83 -1.49 0.00	32.26 -1.45 0.00	34.45 -1.36 0.00	38.67 -0.99 0.00	40.81 -1.57 0.00	42.04 -1.62 0.00	46.97 -2.16 0.00	53.49 -1.32 0.00	56.28 -1.15 0.00	56.73 -2.00 0.00	52.38 -3.46 0.00	47.54 -2.77 0.00	44.01 -1.93 0.00	38.21 -1.72 0.00
CH_RES_SYRACUSE 23985	41.50 -0.34 0.00	38.05 -0.23 0.00	35.11 -0.25 0.00	33.36 -0.17 0.00	32.81 -0.20 0.00	33.94 -0.20 0.00	33.42 -0.27 0.00	34.89 -0.32 0.00	31.41 -0.29 0.00	31.71 -0.26 0.00	32.05 -0.26 0.00	33.51 -0.20 0.00	35.49 -0.32 0.00	39.39 -0.28 0.00	42.04 -0.34 0.00	43.26 -0.39 0.00	48.73 -0.39 0.00	54.64 -0.16 0.00	58.90 0.06 -1.42	60.49 0.12 -1.65	57.47 -0.06 -1.69	51.53 -0.20 -1.43	46.72 -0.27 -1.05	39.66 -0.36 -0.10
CLINTON_WT_PWR 323605	42.09 0.25 0.00	38.32 0.04 0.00	35.39 0.04 0.00	33.53 0.00 0.00	33.11 0.10 0.00	34.32 0.17 0.00	34.03 0.34 0.00	35.49 0.28 0.00	31.92 0.22 0.00	32.20 0.23 0.00	32.54 0.23 0.00	33.91 0.20 0.00	36.07 0.25 0.00	39.87 0.20 0.00	42.63 0.26 0.00	43.83 0.18 0.00	49.43 0.30 0.00	55.13 0.33 0.00	57.71 0.29 0.00	59.20 0.47 0.00	56.23 0.39 0.00	50.75 0.45 0.00	46.31 0.37 0.00	40.32 0.40 0.00
CLINTON___LFGE 323618	42.72 0.88 0.00	38.81 0.54 0.00	35.81 0.46 0.00	33.93 0.40 0.00	33.51 0.50 0.00	34.76 0.62 0.00	34.50 0.81 0.00	35.91 0.70 0.00	32.30 0.60 0.00	32.55 0.58 0.00	32.90 0.58 0.00	34.28 0.57 0.00	36.49 0.68 0.00	40.34 0.67 0.00	43.14 0.76 0.00	44.35 0.70 0.00	50.01 0.89 0.00	55.84 1.04 0.00	58.57 1.15 0.00	60.20 1.47 0.00	57.12 1.29 0.00	51.51 1.21 0.00	46.95 1.01 0.00	40.96 1.04 0.00
COBBLENY_34_KV_TB1 80064	40.75 -1.09 0.00	37.24 -1.03 0.00	33.94 -1.41 0.00	32.02 -1.51 0.00	31.49 -1.52 0.00	32.47 -1.67 0.00	32.08 -1.62 0.00	33.73 -1.48 0.00	31.00 -0.70 0.00	31.17 -0.80 0.00	31.41 -0.90 0.00	33.00 -0.71 0.00	35.28 -0.54 0.00	39.63 -0.04 0.00	42.00 -0.38 0.00	43.35 -0.31 0.00	48.49 -0.64 0.00	55.40 0.60 0.00	58.46 1.03 0.00	58.85 0.12 0.00	54.33 -1.51 0.00	49.15 -1.16 0.00	44.84 -1.10 0.00	38.89 -1.04 0.00
COFFEEN___115KV_TB3 355620	44.85 3.01 0.00	41.03 2.76 0.00	37.69 2.33 0.00	35.81 2.28 0.00	35.42 2.41 0.00	36.57 2.42 0.00	35.75 2.06 0.00	37.14 1.94 0.00	32.65 0.95 0.00	32.64 0.67 0.00	32.90 0.58 0.00	34.38 0.67 0.00	36.53 0.72 0.00	40.78 1.11 0.00	43.35 0.97 0.00	44.35 0.70 0.00	50.75 1.62 0.00	57.49 2.69 0.00	63.50 4.13 -1.94	67.02 6.05 -2.25	63.61 5.47 -2.30	57.53 5.28 -1.95	51.55 4.18 -1.43	43.17 3.11 -0.13
COLDSPRG_115KV_BK1 355956	41.59 -0.25 0.00	38.01 -0.27 0.00	34.72 -0.64 0.00	32.83 -0.70 0.00	32.28 -0.73 0.00	33.33 -0.82 0.00	32.92 -0.77 0.00	34.43 -0.77 0.00	31.41 -0.29 0.00	31.72 -0.26 0.00	32.12 -0.19 0.00	33.78 0.07 0.00	36.07 0.25 0.00	40.54 0.87 0.00	42.97 0.59 0.00	44.48 0.83 0.00	49.92 0.79 0.00	57.05 2.25 0.00	60.24 2.81 0.00	60.61 1.88 0.00	55.89 0.06 0.00	50.30 0.00 0.00	45.67 -0.28 0.00	39.77 -0.16 0.00
COLONIE_LFGE___ 323577	42.76 0.92 0.00	39.35 1.07 0.00	36.38 1.03 0.00	34.37 0.84 0.00	33.80 0.79 0.00	34.90 0.75 0.00	34.27 0.57 0.00	35.74 0.53 0.00	32.05 0.35 0.00	32.20 0.23 0.00	32.54 0.23 0.00	33.88 0.17 0.00	36.00 0.18 0.00	39.87 0.20 0.00	42.68 0.30 0.00	44.00 0.35 0.00	49.52 0.39 0.00	55.35 0.55 0.00	58.06 0.63 0.00	59.55 0.82 0.00	56.95 1.12 0.00	51.31 1.01 0.00	46.86 0.92 0.00	40.80 0.88 0.00
COOPERNY_115KV_TB1 80082	42.97 1.13 0.00	39.35 1.07 0.00	36.31 0.95 0.00	34.44 0.91 0.00	33.84 0.83 0.00	34.90 0.75 0.00	34.30 0.61 0.00	35.95 0.74 0.00	32.46 0.76 0.00	32.87 0.90 0.00	33.22 0.90 0.00	34.65 0.94 0.00	36.93 1.11 0.00	40.94 1.27 0.00	43.78 1.40 0.00	45.14 1.48 0.00	50.80 1.67 0.00	56.39 1.59 0.00	58.75 1.32 0.00	59.84 1.12 0.00	57.07 1.23 0.00	51.31 1.01 0.00	46.95 1.01 0.00	40.80 0.88 0.00
COPENHAGEN_WT_PWR 323753	44.39 2.55 0.00	40.61 2.34 0.00	37.33 1.98 0.00	35.54 2.01 0.00	35.12 2.11 0.00	36.26 2.12 0.00	35.48 1.78 0.00	36.86 1.66 0.00	32.49 0.79 0.00	32.55 0.58 0.00	32.77 0.45 0.00	34.32 0.61 0.00	36.39 0.57 0.00	40.58 0.91 0.00	43.18 0.80 0.00	44.18 0.53 0.00	50.40 1.28 0.00	57.05 2.25 0.00	62.97 3.50 -2.04	66.31 5.23 -2.36	63.06 4.80 -2.42	56.92 4.58 -2.04	51.03 3.59 -1.51	42.74 2.68 -0.14
CORNELL_____ 23752	42.38 0.54 0.00	38.81 0.54 0.00	35.74 0.39 0.00	33.86 0.34 0.00	33.34 0.33 0.00	34.49 0.34 0.00	33.93 0.24 0.00	35.38 0.18 0.00	31.76 0.06 0.00	31.91 -0.06 0.00	32.19 -0.13 0.00	33.64 -0.07 0.00	35.78 -0.04 0.00	39.78 0.12 0.00	42.42 0.04 0.00	43.74 0.09 0.00	49.38 0.25 0.00	55.68 0.88 0.00	59.56 1.38 -0.76	61.19 1.59 -0.88	57.91 1.17 -0.90	52.02 0.96 -0.76	47.24 0.74 -0.56	40.46 0.48 -0.05

CORONA__KV_TB1 355595	44.85 3.01 0.00	40.92 2.64 0.00	37.65 2.30 0.00	35.51 1.98 0.00	35.02 2.01 0.00	35.89 1.74 0.00	35.18 1.48 0.00	37.07 1.87 0.00	33.69 2.00 0.00	36.64 2.56 -2.11	37.98 2.52 -3.14	42.48 2.56 -6.21	46.05 2.97 -7.26	47.89 3.25 -4.97	48.72 3.56 -2.78	49.61 3.80 -2.16	53.26 4.13 0.00	59.34 4.06 -0.48	60.81 3.39 0.00	61.61 2.88 0.00	58.80 2.96 0.00	52.57 2.26 0.00	48.51 2.57 0.00	42.40 2.48 0.00
CORTLAND_115KV_TB3 80093	42.05 0.21 0.00	38.55 0.27 0.00	35.53 0.18 0.00	33.66 0.13 0.00	33.14 0.13 0.00	34.25 0.10 0.00	33.69 0.00 0.00	35.17 -0.04 0.00	31.63 -0.06 0.00	31.84 -0.13 0.00	32.15 -0.16 0.00	33.64 -0.07 0.00	35.74 -0.07 0.00	39.71 0.04 0.00	42.34 -0.04 0.00	43.65 0.00 0.00	49.23 0.10 0.00	55.30 0.49 0.00	59.01 0.80 -0.78	60.64 1.00 -0.91	57.38 0.61 -0.93	51.54 0.45 -0.79	46.84 0.32 -0.58	40.14 0.16 -0.05
COXSACKIE__GT 23611	43.97 2.13 0.00	40.38 2.10 0.00	37.33 1.98 0.00	35.31 1.78 0.00	34.76 1.75 0.00	35.85 1.71 0.00	35.08 1.38 0.00	36.33 1.13 0.00	32.27 0.57 0.00	32.23 0.25 0.00	32.48 0.16 0.00	33.84 0.14 0.00	35.92 0.11 0.00	40.02 0.36 0.00	42.89 0.51 0.00	44.26 0.61 0.00	49.91 0.78 0.00	56.28 1.48 0.00	59.61 2.18 0.00	61.43 2.70 0.00	58.52 2.68 0.00	52.62 2.32 0.00	47.96 2.02 0.00	41.80 1.88 0.00
CPV_VALLEY__CC1 323721	43.09 1.25 0.00	39.47 1.19 0.00	36.45 1.10 0.00	34.47 0.94 0.00	33.84 0.83 0.00	34.90 0.75 0.00	34.30 0.61 0.00	35.98 0.77 0.00	32.55 0.86 0.00	32.93 0.96 0.00	33.28 0.97 0.00	34.69 0.98 0.00	37.10 1.29 0.00	41.09 1.43 0.00	43.95 1.57 0.00	45.40 1.75 0.00	51.04 1.91 0.00	56.39 1.59 0.00	58.75 1.32 0.00	59.79 1.06 0.00	56.95 1.12 0.00	51.26 0.95 0.00	47.00 1.06 0.00	40.88 0.96 0.00
CPV_VALLEY__CC2 323722	43.09 1.25 0.00	39.47 1.19 0.00	36.45 1.10 0.00	34.47 0.94 0.00	33.84 0.83 0.00	34.90 0.75 0.00	34.30 0.61 0.00	35.98 0.77 0.00	32.55 0.86 0.00	32.93 0.96 0.00	33.28 0.97 0.00	34.69 0.98 0.00	37.10 1.29 0.00	41.09 1.43 0.00	43.95 1.57 0.00	45.40 1.75 0.00	51.04 1.91 0.00	56.39 1.59 0.00	58.75 1.32 0.00	59.79 1.06 0.00	56.95 1.12 0.00	51.26 0.95 0.00	47.00 1.06 0.00	40.88 0.96 0.00
CRESCENT__HYD 24018	42.76 0.92 0.00	39.35 1.07 0.00	36.38 1.03 0.00	34.37 0.84 0.00	33.80 0.79 0.00	34.90 0.75 0.00	34.27 0.57 0.00	35.74 0.53 0.00	32.05 0.35 0.00	32.20 0.23 0.00	32.54 0.23 0.00	33.88 0.17 0.00	36.00 0.18 0.00	39.87 0.20 0.00	42.68 0.30 0.00	44.00 0.35 0.00	49.52 0.39 0.00	55.35 0.55 0.00	58.06 0.63 0.00	59.55 0.82 0.00	56.95 1.12 0.00	51.31 1.01 0.00	46.86 0.92 0.00	40.80 0.88 0.00
CRICKET__VALLEY_CC1 323756	43.30 1.46 0.00	39.69 1.42 0.00	36.62 1.27 0.00	34.60 1.07 0.00	33.93 0.92 0.00	35.00 0.85 0.00	34.37 0.67 0.00	36.12 0.91 0.00	32.68 0.98 0.00	33.03 1.05 0.00	33.41 1.10 0.00	34.79 1.08 0.00	37.25 1.43 0.00	41.21 1.55 0.00	44.12 1.74 0.00	45.62 1.97 0.00	51.19 2.06 0.00	56.39 1.59 0.00	58.63 1.21 0.00	59.67 0.94 0.00	57.01 1.17 0.00	51.36 1.06 0.00	47.18 1.24 0.00	41.04 1.12 0.00
CRICKET__VALLEY_CC2 323757	43.30 1.46 0.00	39.69 1.42 0.00	36.62 1.27 0.00	34.60 1.07 0.00	33.93 0.92 0.00	35.00 0.85 0.00	34.37 0.67 0.00	36.12 0.91 0.00	32.68 0.98 0.00	33.03 1.05 0.00	33.41 1.10 0.00	34.79 1.08 0.00	37.25 1.43 0.00	41.21 1.55 0.00	44.12 1.74 0.00	45.62 1.97 0.00	51.19 2.06 0.00	56.39 1.59 0.00	58.63 1.21 0.00	59.67 0.94 0.00	57.01 1.17 0.00	51.36 1.06 0.00	47.18 1.24 0.00	41.04 1.12 0.00
CRICKET__VALLEY_CC3 323758	43.30 1.46 0.00	39.69 1.42 0.00	36.62 1.27 0.00	34.60 1.07 0.00	33.93 0.92 0.00	35.00 0.85 0.00	34.37 0.67 0.00	36.12 0.91 0.00	32.68 0.98 0.00	33.03 1.05 0.00	33.41 1.10 0.00	34.79 1.08 0.00	37.25 1.43 0.00	41.21 1.55 0.00	44.12 1.74 0.00	45.62 1.97 0.00	51.19 2.06 0.00	56.39 1.59 0.00	58.63 1.21 0.00	59.67 0.94 0.00	57.01 1.17 0.00	51.36 1.06 0.00	47.18 1.24 0.00	41.04 1.12 0.00
CRUCIBLE_METL_DRP 24180	41.50 -0.33 0.00	38.05 -0.23 0.00	35.11 -0.25 0.00	33.26 -0.27 0.00	32.75 -0.26 0.00	33.87 -0.27 0.00	33.36 -0.34 0.00	34.86 -0.35 0.00	31.41 -0.29 0.00	31.65 -0.32 0.00	31.99 -0.32 0.00	33.44 -0.27 0.00	35.46 -0.36 0.00	39.39 -0.28 0.00	42.00 -0.38 0.00	43.26 -0.39 0.00	48.74 -0.39 0.00	54.64 -0.16 0.00	58.90 0.06 -1.42	60.49 0.12 -1.65	57.36 -0.17 -1.69	51.53 -0.20 -1.43	46.71 -0.28 -1.05	39.66 -0.36 -0.10
DAHOWA__HYDRO 323763	43.30 1.46 0.00	39.77 1.49 0.00	36.77 1.42 0.00	34.77 1.24 0.00	34.23 1.22 0.00	35.31 1.16 0.00	34.67 0.98 0.00	36.02 0.81 0.00	32.08 0.38 0.00	32.13 0.16 0.00	32.28 -0.03 0.00	33.64 0.16 0.00	35.74 -0.07 0.00	39.51 -0.16 0.00	42.29 -0.08 0.00	43.65 0.00 0.00	49.23 0.10 0.00	55.35 0.55 0.00	58.63 1.21 0.00	60.49 1.76 0.00	57.96 2.12 0.00	52.16 1.86 0.00	47.55 1.61 0.00	41.28 1.36 0.00
DANC__LFGE 323619	43.59 1.76 0.00	39.88 1.61 0.00	36.73 1.38 0.00	34.94 1.41 0.00	34.46 1.45 0.00	35.61 1.47 0.00	34.91 1.21 0.00	36.30 1.09 0.00	32.14 0.44 0.00	32.26 0.29 0.00	32.51 0.20 0.00	34.01 0.30 0.00	36.07 0.25 0.00	40.18 0.51 0.00	42.76 0.38 0.00	43.83 0.18 0.00	49.82 0.69 0.00	56.17 1.37 0.00	62.41 2.41 -2.58	65.47 3.76 -2.98	62.36 3.46 -3.06	56.21 3.32 -2.58	50.37 2.53 -1.90	41.94 1.84 -0.17
DANSKAMMER__1 23586	44.05 2.22 0.00	40.30 2.03 0.00	37.23 1.87 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.58 1.43 0.00	34.91 1.21 0.00	36.62 1.41 0.00	33.13 1.43 0.00	33.44 1.47 0.00	33.80 1.49 0.00	35.23 1.52 0.00	37.68 1.86 0.00	41.81 2.14 0.00	44.75 2.37 0.00	46.23 2.57 0.00	51.93 2.80 0.00	57.49 2.68 0.00	59.95 2.52 0.00	61.02 2.29 0.00	58.13 2.29 0.00	52.32 2.01 0.00	47.96 2.02 0.00	41.72 1.80 0.00
DANSKAMMER__2 23589	44.05 2.22 0.00	40.30 2.03 0.00	37.23 1.87 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.58 1.43 0.00	34.91 1.21 0.00	36.62 1.41 0.00	33.13 1.43 0.00	33.44 1.47 0.00	33.80 1.49 0.00	35.23 1.52 0.00	37.68 1.86 0.00	41.81 2.14 0.00	44.75 2.37 0.00	46.23 2.57 0.00	51.93 2.80 0.00	57.49 2.68 0.00	59.95 2.52 0.00	61.02 2.29 0.00	58.13 2.29 0.00	52.32 2.01 0.00	47.96 2.02 0.00	41.72 1.80 0.00
DANSKAMMER__3 23590	44.05 2.22 0.00	40.30 2.03 0.00	37.23 1.87 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.58 1.43 0.00	34.91 1.21 0.00	36.62 1.41 0.00	33.13 1.43 0.00	33.44 1.47 0.00	33.80 1.49 0.00	35.23 1.52 0.00	37.68 1.86 0.00	41.81 2.14 0.00	44.75 2.37 0.00	46.23 2.57 0.00	51.93 2.80 0.00	57.49 2.68 0.00	59.95 2.52 0.00	61.02 2.29 0.00	58.13 2.29 0.00	52.32 2.01 0.00	47.96 2.02 0.00	41.72 1.80 0.00

DANSKAMMER___4 23591	44.05 2.22 0.00	40.30 2.03 0.00	37.23 1.87 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.58 1.43 0.00	34.91 1.21 0.00	36.62 1.41 0.00	33.13 1.43 0.00	33.44 1.47 0.00	33.80 1.49 0.00	35.23 1.52 0.00	37.68 1.86 0.00	41.81 2.14 0.00	44.75 2.37 0.00	46.23 2.57 0.00	51.93 2.80 0.00	57.49 2.68 0.00	59.95 2.52 0.00	61.02 2.29 0.00	58.13 2.29 0.00	52.32 2.01 0.00	47.96 2.02 0.00	41.72 1.80 0.00
DANSKAMMER___DIESEL 23592	44.05 2.22 0.00	40.31 2.03 0.00	37.23 1.87 0.00	35.27 1.74 0.00	34.63 1.62 0.00	35.68 1.54 0.00	35.01 1.31 0.00	36.69 1.48 0.00	33.16 1.46 0.00	33.54 1.57 0.00	33.90 1.58 0.00	35.33 1.62 0.00	37.68 1.86 0.00	41.81 2.14 0.00	44.79 2.42 0.00	46.18 2.53 0.00	51.93 2.80 0.00	57.60 2.79 0.00	59.95 2.53 0.00	61.02 2.29 0.00	58.24 2.40 0.00	52.37 2.06 0.00	47.96 2.02 0.00	41.72 1.80 0.00
DARBY___SOLAR 323810	43.22 1.38 0.00	39.69 1.42 0.00	36.66 1.31 0.00	34.67 1.14 0.00	34.13 1.12 0.00	35.24 1.09 0.00	34.60 0.91 0.00	35.95 0.74 0.00	32.05 0.35 0.00	32.10 0.13 0.00	32.28 -0.03 0.00	33.64 -0.07 0.00	35.74 -0.07 0.00	39.51 -0.16 0.00	42.29 -0.08 0.00	43.65 0.00 0.00	49.23 0.10 0.00	55.35 0.55 0.00	58.51 1.09 0.00	60.32 1.59 0.00	57.74 1.90 0.00	51.96 1.66 0.00	47.41 1.47 0.00	41.20 1.28 0.00
DASHVILLE___HYD 23610	43.72 1.88 0.00	40.00 1.72 0.00	36.94 1.59 0.00	35.04 1.51 0.00	34.40 1.39 0.00	35.41 1.26 0.00	34.74 1.04 0.00	36.37 1.16 0.00	32.81 1.11 0.00	33.19 1.21 0.00	33.54 1.23 0.00	34.96 1.25 0.00	37.28 1.47 0.00	41.37 1.71 0.00	44.29 1.91 0.00	45.70 2.05 0.00	51.39 2.26 0.00	56.99 2.19 0.00	59.32 1.90 0.00	60.37 1.64 0.00	57.62 1.79 0.00	51.86 1.56 0.00	47.50 1.56 0.00	41.36 1.44 0.00
DELAWARE___LFGE 323621	44.35 2.51 0.00	40.57 2.30 0.00	37.30 1.94 0.00	35.41 1.88 0.00	34.89 1.88 0.00	36.02 1.88 0.00	35.31 1.62 0.00	36.79 1.58 0.00	32.59 0.89 0.00	32.64 0.67 0.00	32.93 0.61 0.00	34.45 0.74 0.00	36.71 0.90 0.00	41.05 1.39 0.00	43.73 1.36 0.00	44.96 1.31 0.00	51.29 2.16 0.00	58.31 3.51 0.00	62.23 4.36 -0.44	64.46 5.23 -0.51	60.66 4.30 -0.52	54.62 3.87 -0.44	49.44 3.17 -0.32	42.35 2.40 -0.03
DERFIELD_115KV_TB7 355931	41.92 0.08 0.00	38.43 0.15 0.00	35.49 0.14 0.00	33.66 0.13 0.00	33.14 0.13 0.00	34.25 0.10 0.00	33.73 0.03 0.00	35.24 0.04 0.00	31.70 0.00 0.00	31.97 0.00 0.00	32.31 0.00 0.00	33.71 0.00 0.00	35.82 0.00 0.00	39.67 0.00 0.00	42.38 0.00 0.00	43.65 0.00 0.00	49.18 0.05 0.00	54.86 0.05 0.00	57.48 0.06 0.00	58.79 0.06 0.00	55.95 0.11 0.00	50.40 0.10 0.00	46.03 0.09 0.00	39.97 0.04 0.00
DOGLEVILLE___HYD 23807	42.34 0.50 0.00	38.78 0.50 0.00	35.81 0.46 0.00	34.00 0.47 0.00	33.47 0.46 0.00	34.59 0.44 0.00	34.03 0.34 0.00	35.56 0.35 0.00	31.92 0.22 0.00	32.16 0.19 0.00	32.51 0.19 0.00	33.91 0.20 0.00	36.03 0.21 0.00	39.94 0.28 0.00	42.68 0.30 0.00	43.91 0.26 0.00	49.52 0.39 0.00	55.35 0.55 0.00	58.00 0.57 0.00	59.55 0.82 0.00	56.56 0.73 0.00	51.01 0.70 0.00	46.45 0.51 0.00	40.24 0.32 0.00
DUNKIRK__115KV_TB_200 55889	41.08 -0.75 0.00	37.59 -0.69 0.00	34.29 -1.06 0.00	32.36 -1.17 0.00	31.85 -1.16 0.00	32.88 -1.26 0.00	32.45 -1.25 0.00	34.01 -1.20 0.00	31.19 -0.51 0.00	31.40 -0.58 0.00	31.70 -0.61 0.00	33.34 -0.37 0.00	35.64 -0.18 0.00	39.98 0.32 0.00	42.38 0.00 0.00	43.78 0.13 0.00	49.03 -0.10 0.00	56.01 1.21 0.00	59.09 1.67 0.00	59.49 0.76 0.00	54.89 -0.95 0.00	49.60 -0.70 0.00	45.21 -0.74 0.00	39.29 -0.64 0.00
DUNKIRK___1 23563	41.08 -0.75 0.00	37.59 -0.69 0.00	34.29 -1.06 0.00	32.36 -1.17 0.00	31.85 -1.16 0.00	32.88 -1.26 0.00	32.45 -1.25 0.00	34.01 -1.20 0.00	31.19 -0.51 0.00	31.40 -0.58 0.00	31.70 -0.61 0.00	33.34 -0.37 0.00	35.64 -0.18 0.00	39.98 0.32 0.00	42.38 0.00 0.00	43.78 0.13 0.00	49.03 -0.10 0.00	56.01 1.21 0.00	59.09 1.67 0.00	59.49 0.76 0.00	54.89 -0.95 0.00	49.60 -0.70 0.00	45.21 -0.74 0.00	39.29 -0.64 0.00
DUNKIRK___2 23564	41.08 -0.75 0.00	37.59 -0.69 0.00	34.29 -1.06 0.00	32.36 -1.17 0.00	31.85 -1.16 0.00	32.88 -1.26 0.00	32.45 -1.25 0.00	34.01 -1.20 0.00	31.19 -0.51 0.00	31.40 -0.58 0.00	31.70 -0.61 0.00	33.34 -0.37 0.00	35.64 -0.18 0.00	39.98 0.32 0.00	42.38 0.00 0.00	43.78 0.13 0.00	49.03 -0.10 0.00	56.01 1.21 0.00	59.09 1.67 0.00	59.49 0.76 0.00	54.89 -0.95 0.00	49.60 -0.70 0.00	45.21 -0.74 0.00	39.29 -0.64 0.00
DUNKIRK___3 23565	40.87 -0.96 0.00	37.36 -0.92 0.00	34.08 -1.27 0.00	32.15 -1.37 0.00	31.66 -1.35 0.00	32.68 -1.47 0.00	32.24 -1.45 0.00	33.83 -1.37 0.00	31.03 -0.67 0.00	31.24 -0.74 0.00	31.54 -0.78 0.00	33.14 -0.57 0.00	35.42 -0.39 0.00	39.75 0.08 0.00	42.12 -0.25 0.00	43.52 -0.13 0.00	48.74 -0.39 0.00	55.62 0.82 0.00	58.63 1.21 0.00	59.08 0.35 0.00	54.55 -1.28 0.00	49.25 -1.06 0.00	44.93 -1.01 0.00	39.01 -0.92 0.00
DUNKIRK___4 23566	40.87 -0.96 0.00	37.36 -0.92 0.00	34.08 -1.27 0.00	32.15 -1.37 0.00	31.66 -1.35 0.00	32.68 -1.47 0.00	32.24 -1.45 0.00	33.83 -1.37 0.00	31.03 -0.67 0.00	31.24 -0.74 0.00	31.54 -0.78 0.00	33.14 -0.57 0.00	35.42 -0.39 0.00	39.75 0.08 0.00	42.12 -0.25 0.00	43.52 -0.13 0.00	48.74 -0.39 0.00	55.62 0.82 0.00	58.63 1.21 0.00	59.08 0.35 0.00	54.55 -1.28 0.00	49.25 -1.06 0.00	44.93 -1.01 0.00	39.01 -0.92 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.10 2.26 0.00	40.34 2.07 0.00	37.23 1.87 0.00	35.24 1.71 0.00	34.59 1.58 0.00	35.61 1.47 0.00	34.97 1.28 0.00	36.79 1.58 0.00	33.38 1.68 0.00	33.92 1.95 0.00	34.29 1.97 0.00	35.66 1.96 0.00	38.14 2.33 0.00	42.16 2.50 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.37 3.24 0.00	57.76 2.96 0.00	59.78 2.35 0.00	60.73 2.00 0.00	58.18 2.35 0.00	52.31 2.01 0.00	48.01 2.07 0.00	41.76 1.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.76 1.92 0.00	40.04 1.76 0.00	36.94 1.59 0.00	35.04 1.51 0.00	34.40 1.39 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.47 1.27 0.00	32.97 1.27 0.00	33.38 1.41 0.00	33.74 1.42 0.00	35.16 1.45 0.00	37.53 1.72 0.00	41.61 1.94 0.00	44.54 2.16 0.00	45.96 2.31 0.00	51.68 2.55 0.00	57.27 2.47 0.00	59.55 2.12 0.00	60.61 1.88 0.00	57.90 2.07 0.00	52.01 1.71 0.00	47.64 1.70 0.00	41.44 1.52 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.35 2.51 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.41 1.26 0.00	34.77 1.08 0.00	36.55 1.34 0.00	33.28 1.58 0.00	33.86 1.89 0.00	34.22 1.91 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.58 2.92 0.00	52.13 3.00 0.00	57.32 2.52 0.00	59.03 1.61 0.00	59.96 1.23 0.00	57.51 1.68 0.01	51.91 1.61 0.00	47.78 1.84 0.00	41.64 1.72 0.00

E179THST_13_KV_LOAD 356214	44.60 2.76 0.00	40.73 2.45 0.00	37.44 2.09 0.00	35.47 1.94 0.00	34.76 1.75 0.00	35.58 1.43 0.00	34.94 1.25 0.00	36.76 1.55 0.00	33.44 1.74 0.00	34.05 2.08 0.00	34.42 2.10 0.00	35.76 2.06 0.00	38.32 2.51 0.00	42.32 2.66 0.00	45.30 2.92 0.00	46.84 3.19 0.00	52.42 3.29 0.00	57.65 2.85 0.00	59.44 2.01 0.00	60.31 1.59 0.00	57.84 2.01 0.01	52.16 1.86 0.00	48.05 2.11 0.00	41.84 1.92 0.00
EAST HAMPTON___GT 23717	46.27 4.43 0.00	42.45 4.17 0.00	39.10 3.75 0.00	36.58 3.05 0.00	35.92 2.91 0.00	37.01 2.87 0.00	36.35 2.66 0.00	38.62 3.41 0.00	35.37 3.68 0.00	38.71 4.63 -2.11	39.69 4.23 -3.14	44.27 4.35 -6.21	48.16 5.08 -7.26	50.51 5.87 -4.97	51.60 6.44 -2.78	52.70 6.89 -2.16	60.55 7.86 -3.56	70.95 8.00 -8.15	73.46 7.58 -8.46	67.27 6.63 -1.90	63.55 6.31 -1.40	56.12 5.53 -0.28	50.90 4.96 0.00	44.75 4.83 0.00
EAST RIVER___6 23660	44.56 2.72 0.00	40.73 2.45 0.00	37.51 2.16 0.00	35.44 1.91 0.00	34.69 1.68 0.00	35.72 1.57 0.00	35.11 1.41 0.00	37.00 1.79 0.00	33.63 1.93 0.00	34.08 2.11 0.00	34.48 2.17 0.00	35.83 2.12 0.00	38.50 2.69 0.00	42.60 2.94 0.00	45.64 3.26 0.00	47.23 3.58 0.00	53.01 3.88 0.00	58.03 3.23 0.00	60.01 2.59 0.00	60.96 2.23 0.00	58.18 2.34 0.00	52.57 2.27 0.00	48.37 2.43 0.00	42.04 2.11 0.00
EAST RIVER___7 23524	44.56 2.72 0.00	40.73 2.45 0.00	37.51 2.16 0.00	35.44 1.91 0.00	34.69 1.68 0.00	35.72 1.57 0.00	35.11 1.41 0.00	37.00 1.79 0.00	33.63 1.93 0.00	34.08 2.11 0.00	34.48 2.17 0.00	35.83 2.12 0.00	38.50 2.69 0.00	42.60 2.94 0.00	45.64 3.26 0.00	47.23 3.58 0.00	53.01 3.88 0.00	58.03 3.23 0.00	60.01 2.59 0.00	60.96 2.23 0.00	58.18 2.34 0.00	52.57 2.27 0.00	48.37 2.43 0.00	42.04 2.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	44.01 2.18 0.00	40.27 1.99 0.00	37.16 1.80 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.55 1.40 0.00	34.91 1.21 0.00	36.69 1.48 0.00	33.28 1.58 0.00	33.79 1.82 0.00	34.16 1.84 0.00	35.56 1.85 0.00	38.00 2.18 0.00	42.05 2.38 0.00	45.01 2.63 0.00	46.49 2.84 0.00	52.22 3.10 0.00	57.60 2.79 0.00	59.67 2.24 0.00	60.67 1.94 0.00	58.07 2.23 0.00	52.21 1.91 0.00	47.92 1.98 0.00	41.68 1.76 0.00
EAST_HAMPTON___DIESEL 23722	46.23 4.39 0.00	42.45 4.17 0.00	39.10 3.75 0.00	36.55 3.02 0.00	35.92 2.91 0.00	36.98 2.83 0.00	36.32 2.63 0.00	38.62 3.41 0.00	35.34 3.64 0.00	38.71 4.63 -2.11	39.69 4.23 -3.14	44.27 4.35 -6.21	48.20 5.12 -7.26	50.51 5.87 -4.97	51.64 6.48 -2.78	52.70 6.89 -2.16	60.55 7.86 -3.56	70.95 8.00 -8.15	73.46 7.58 -8.46	67.27 6.63 -1.90	63.55 6.31 -1.40	56.12 5.53 -0.28	50.90 4.96 0.00	44.75 4.83 0.00
EAST_POINT___SOLAR 323840	44.52 2.68 0.00	40.69 2.41 0.00	37.51 2.16 0.00	35.54 2.01 0.00	35.02 2.01 0.00	36.16 2.01 0.00	35.28 1.58 0.00	35.70 0.49 0.00	31.03 -0.67 0.00	30.85 -1.12 0.00	31.15 -1.16 0.00	32.39 -1.32 0.00	34.38 -1.43 0.00	38.00 -1.66 0.00	41.06 -1.31 0.00	42.38 -1.27 0.00	48.19 -0.93 0.00	55.46 0.66 0.00	60.41 2.98 0.00	63.25 4.52 0.00	60.08 4.24 0.00	53.97 3.67 0.00	49.07 3.13 0.00	42.36 2.44 0.00
EAST_PULASKI___ESR 323781	42.59 0.75 0.00	39.00 0.73 0.00	35.95 0.60 0.00	34.17 0.64 0.00	33.67 0.66 0.00	34.83 0.68 0.00	34.20 0.51 0.00	35.63 0.42 0.00	31.76 0.06 0.00	31.94 -0.03 0.00	32.25 -0.06 0.00	33.71 0.00 0.00	35.71 -0.11 0.00	39.67 0.00 0.00	42.29 -0.08 0.00	43.43 -0.22 0.00	49.13 0.00 0.00	55.24 0.44 0.00	61.82 1.15 -3.24	64.42 1.94 -3.75	61.53 1.84 -3.85	55.27 1.71 -3.25	49.53 1.19 -2.39	40.90 0.76 -0.22
EAST_RIVER___1 323558	44.39 2.55 0.00	40.61 2.34 0.00	37.40 2.05 0.00	35.34 1.81 0.00	34.63 1.62 0.00	35.65 1.50 0.00	35.04 1.35 0.00	36.90 1.69 0.00	33.57 1.87 0.00	34.02 2.05 0.00	34.41 2.10 0.00	35.77 2.06 0.00	38.43 2.61 0.00	42.48 2.82 0.00	45.47 3.09 0.00	47.06 3.41 0.00	52.77 3.64 0.00	57.76 2.96 0.00	59.78 2.36 0.00	60.66 1.94 0.00	58.01 2.18 0.00	52.41 2.11 0.00	48.24 2.30 0.00	41.96 2.04 0.00
EAST_RIVER___2 323559	44.56 2.72 0.00	40.73 2.45 0.00	37.51 2.16 0.00	35.44 1.91 0.00	34.69 1.68 0.00	35.72 1.57 0.00	35.11 1.41 0.00	37.00 1.79 0.00	33.63 1.93 0.00	34.08 2.11 0.00	34.48 2.17 0.00	35.83 2.12 0.00	38.50 2.69 0.00	42.60 2.94 0.00	45.64 3.26 0.00	47.23 3.58 0.00	53.01 3.88 0.00	58.03 3.23 0.00	60.01 2.59 0.00	60.96 2.23 0.00	58.18 2.34 0.00	52.57 2.27 0.00	48.37 2.43 0.00	42.04 2.11 0.00
EAST___DELAWARE_HYD 23607	44.09 2.26 0.00	40.30 2.03 0.00	37.19 1.84 0.00	35.21 1.68 0.00	34.56 1.55 0.00	35.61 1.47 0.00	34.94 1.25 0.00	36.62 1.41 0.00	33.03 1.33 0.00	33.31 1.34 0.00	33.67 1.36 0.00	35.12 1.42 0.00	37.57 1.75 0.00	41.73 2.06 0.00	44.62 2.24 0.00	46.09 2.44 0.00	51.93 2.80 0.00	57.65 2.85 0.00	60.24 2.81 0.00	61.43 2.70 0.00	58.35 2.52 0.00	52.57 2.27 0.00	48.10 2.16 0.00	41.80 1.88 0.00
EIGHT_POINT___WT_PWR 323820	41.92 0.08 0.00	38.24 -0.04 0.00	34.96 -0.39 0.00	33.16 -0.37 0.00	32.55 -0.46 0.00	33.77 -0.37 0.00	33.19 -0.50 0.00	34.40 -0.81 0.00	31.06 -0.63 0.00	31.33 -0.64 0.00	31.57 -0.74 0.00	33.10 -0.61 0.00	35.35 -0.47 0.00	39.59 -0.08 0.00	42.17 -0.21 0.00	43.39 -0.26 0.00	48.84 -0.29 0.00	55.51 0.71 0.00	59.29 1.61 -0.26	60.38 1.35 -0.30	56.93 0.78 -0.31	50.87 0.30 -0.26	46.22 0.09 -0.19	39.86 -0.08 -0.02
ELBRIDGE_115KV_TB2 80188	41.33 -0.50 0.00	37.89 -0.38 0.00	34.93 -0.42 0.00	33.13 -0.40 0.00	32.58 -0.43 0.00	33.70 -0.44 0.00	33.19 -0.51 0.00	34.68 -0.53 0.00	31.25 -0.44 0.00	31.49 -0.48 0.00	31.83 -0.48 0.00	33.27 -0.44 0.00	35.31 -0.50 0.00	39.19 -0.48 0.00	41.79 -0.59 0.00	43.04 -0.61 0.00	48.49 -0.64 0.00	54.42 -0.38 0.00	58.72 -0.23 -1.52	60.25 -0.23 -1.76	57.20 -0.45 -1.80	51.32 -0.50 -1.52	46.56 -0.51 -1.12	39.47 -0.56 -0.10
ELEC_TRO_TEK 24086	44.60 2.76 0.00	40.65 2.37 0.00	37.40 2.05 0.00	35.27 1.74 0.00	34.83 1.82 0.00	35.68 1.54 0.00	34.97 1.28 0.00	36.86 1.65 0.00	33.50 1.81 0.00	36.44 2.37 -2.11	37.78 2.33 -3.14	42.25 2.33 -6.21	45.76 2.69 -7.26	47.57 2.94 -4.97	48.34 3.18 -2.78	49.21 3.40 -2.16	52.77 3.64 0.00	58.79 3.51 -0.48	60.24 2.81 0.00	61.02 2.29 0.00	58.29 2.46 0.00	52.11 1.81 0.00	48.15 2.21 0.00	42.12 2.20 0.00
ELLENBURG_WT_PWR 323604	42.09 0.25 0.00	38.32 0.04 0.00	35.39 0.04 0.00	33.53 0.00 0.00	33.11 0.10 0.00	34.32 0.17 0.00	34.03 0.34 0.00	35.49 0.28 0.00	31.92 0.22 0.00	32.20 0.23 0.00	32.54 0.23 0.00	33.91 0.20 0.00	36.07 0.25 0.00	39.87 0.20 0.00	42.63 0.26 0.00	43.83 0.18 0.00	49.43 0.30 0.00	55.13 0.33 0.00	57.71 0.29 0.00	59.20 0.47 0.00	56.23 0.39 0.00	50.75 0.45 0.00	46.31 0.37 0.00	40.32 0.40 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.46 -1.38 0.00	37.01 -1.26 0.00	33.73 -1.63 0.00	31.82 -1.71 0.00	31.33 -1.68 0.00	32.30 -1.84 0.00	31.91 -1.79 0.00	33.55 -1.65 0.00	30.91 -0.79 0.00	31.01 -0.96 0.00	31.25 -1.07 0.00	32.83 -0.88 0.00	35.10 -0.72 0.00	39.39 -0.28 0.00	41.74 -0.64 0.00	43.04 -0.61 0.00	48.10 -1.03 0.00	54.91 0.11 0.00	57.89 0.46 0.00	58.32 -0.41 0.00	53.83 -2.01 0.00	48.79 -1.51 0.00	44.61 -1.33 0.00	38.65 -1.28 0.00
EMPIRE_CC_1 323656	42.26 0.42 0.00	38.93 0.65 0.00	36.06 0.71 0.00	34.10 0.57 0.00	33.54 0.53 0.00	34.62 0.48 0.00	34.00 0.30 0.00	35.42 0.21 0.00	31.86 0.16 0.00	32.00 0.03 0.00	32.41 0.10 0.00	33.74 0.03 0.00	35.78 -0.04 0.00	39.63 -0.04 0.00	42.42 0.04 0.00	43.74 0.09 0.00	49.13 0.00 0.00	54.75 -0.05 0.00	57.31 -0.11 0.00	58.67 -0.06 0.00	56.18 0.34 0.00	50.61 0.30 0.00	46.26 0.32 0.00	40.37 0.44 0.00
EMPIRE_CC_2 323658	42.26 0.42 0.00	38.93 0.65 0.00	36.06 0.71 0.00	34.10 0.57 0.00	33.54 0.53 0.00	34.62 0.48 0.00	34.00 0.30 0.00	35.42 0.21 0.00	31.86 0.16 0.00	32.00 0.03 0.00	32.41 0.10 0.00	33.74 0.03 0.00	35.78 -0.04 0.00	39.63 -0.04 0.00	42.42 0.04 0.00	43.74 0.09 0.00	49.13 0.00 0.00	54.75 -0.05 0.00	57.31 -0.11 0.00	58.67 -0.06 0.00	56.18 0.34 0.00	50.61 0.30 0.00	46.26 0.32 0.00	40.37 0.44 0.00
ENORWICH_115KV_TB1 80156	44.64 2.80 0.00	40.88 2.60 0.00	37.54 2.19 0.00	35.68 2.15 0.00	35.16 2.15 0.00	36.33 2.19 0.00	35.51 1.82 0.00	37.00 1.80 0.00	32.62 0.92 0.00	32.55 0.58 0.00	32.70 0.39 0.00	34.25 0.54 0.00	36.50 0.68 0.00	40.82 1.15 0.00	43.40 1.02 0.00	44.70 1.05 0.00	51.09 1.97 0.00	58.20 3.40 0.00	62.58 4.54 -0.62	65.15 5.70 -0.72	61.27 4.69 -0.74	55.20 4.28 -0.62	49.89 3.49 -0.46	42.56 2.60 -0.04
ERIE_ST__34_KV_TB1-2 80199	40.46 -1.38 0.00	36.90 -1.38 0.00	33.59 -1.77 0.00	31.65 -1.88 0.00	31.16 -1.85 0.00	32.13 -2.01 0.00	31.74 -1.95 0.00	33.34 -1.87 0.00	30.71 -0.98 0.00	30.85 -1.12 0.00	31.09 -1.23 0.00	32.70 -1.01 0.00	34.96 -0.86 0.00	39.31 -0.36 0.00	41.66 -0.72 0.00	43.00 -0.65 0.00	48.10 -1.03 0.00	55.02 0.22 0.00	58.06 0.63 0.00	58.38 -0.35 0.00	53.77 -2.07 0.00	48.69 -1.61 0.00	44.42 -1.52 0.00	38.57 -1.36 0.00
ERIE_WT_PWR 323693	40.62 -1.21 0.00	37.05 -1.23 0.00	33.69 -1.66 0.00	31.95 -1.58 0.00	31.36 -1.65 0.00	32.44 -1.71 0.00	31.94 -1.75 0.00	33.34 -1.87 0.00	30.65 -1.05 0.00	31.14 -0.83 0.00	31.35 -0.97 0.00	32.93 -0.77 0.00	35.21 -0.61 0.00	39.51 -0.16 0.00	42.08 -0.29 0.00	43.17 -0.48 0.00	48.29 -0.84 0.00	55.13 0.33 0.00	58.29 0.86 0.00	58.61 -0.12 0.00	54.72 -1.12 0.00	49.15 -1.15 0.00	44.75 -1.19 0.00	38.77 -1.16 0.00
ESPRGFLD_115KV_TB1 80157	44.43 2.59 0.00	40.61 2.33 0.00	37.33 1.98 0.00	35.44 1.91 0.00	34.92 1.91 0.00	36.06 1.91 0.00	35.34 1.65 0.00	36.58 1.37 0.00	32.20 0.51 0.00	32.20 0.22 0.00	32.44 0.13 0.00	33.94 0.24 0.00	36.14 0.32 0.00	40.26 0.59 0.00	43.06 0.68 0.00	44.31 0.65 0.00	50.60 1.47 0.00	57.71 2.90 0.00	61.62 4.19 0.00	64.01 5.29 0.00	60.31 4.47 0.00	54.28 3.97 0.00	49.16 3.22 0.00	42.36 2.44 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.34 0.50 0.00	38.78 0.50 0.00	35.71 0.35 0.00	33.83 0.30 0.00	33.31 0.30 0.00	34.45 0.31 0.00	33.90 0.20 0.00	35.35 0.14 0.00	31.73 0.03 0.00	31.88 -0.10 0.00	32.19 -0.13 0.00	33.64 -0.07 0.00	35.74 -0.07 0.00	39.75 0.08 0.00	42.38 0.00 0.00	43.74 0.09 0.00	49.38 0.25 0.00	55.57 0.77 0.00	59.48 1.26 -0.79	61.11 1.47 -0.91	57.83 1.06 -0.93	51.95 0.86 -0.79	47.21 0.69 -0.58	40.38 0.40 -0.05
ETNA____115KV_TB2 80207	42.34 0.50 0.00	38.78 0.50 0.00	35.71 0.35 0.00	33.83 0.30 0.00	33.31 0.30 0.00	34.45 0.31 0.00	33.90 0.20 0.00	35.35 0.14 0.00	31.73 0.03 0.00	31.88 -0.10 0.00	32.19 -0.13 0.00	33.64 -0.07 0.00	35.74 -0.07 0.00	39.75 0.08 0.00	42.38 0.00 0.00	43.74 0.09 0.00	49.38 0.25 0.00	55.57 0.77 0.00	59.48 1.26 -0.79	61.11 1.47 -0.91	57.83 1.06 -0.93	51.95 0.86 -0.79	47.21 0.69 -0.58	40.38 0.40 -0.05
EUCLID__115KV_TB2 356179	41.00 -0.84 0.00	37.63 -0.65 0.00	34.72 -0.64 0.00	32.89 -0.64 0.00	32.38 -0.63 0.00	33.50 -0.65 0.00	32.99 -0.71 0.00	34.50 -0.70 0.00	31.13 -0.57 0.00	31.36 -0.61 0.00	31.70 -0.61 0.00	33.14 -0.57 0.00	35.14 -0.68 0.00	38.99 -0.67 0.00	41.57 -0.81 0.00	42.82 -0.83 0.00	48.20 -0.93 0.00	54.03 -0.77 0.00	57.24 -0.69 -0.51	58.61 -0.70 -0.59	55.49 -0.95 -0.60	49.91 -0.91 -0.51	45.44 -0.87 -0.38	39.12 -0.84 -0.03
E_CANADA_CAP_HY 24051	44.30 2.47 0.00	40.50 2.22 0.00	37.33 1.98 0.00	35.37 1.84 0.00	34.86 1.85 0.00	35.95 1.81 0.00	35.21 1.52 0.00	36.16 0.95 0.00	31.76 0.06 0.00	31.71 -0.26 0.00	31.96 -0.35 0.00	33.31 -0.40 0.00	35.42 -0.39 0.00	39.27 -0.40 0.00	42.17 -0.21 0.00	43.48 -0.17 0.00	49.48 0.35 0.00	56.44 1.64 0.00	60.58 3.16 0.00	63.01 4.28 0.00	59.80 3.96 0.00	53.72 3.42 0.00	48.84 2.90 0.00	42.16 2.23 0.00
E_CANADA_MHWK_HY 24050	42.34 0.50 0.00	38.77 0.50 0.00	35.81 0.46 0.00	34.00 0.47 0.00	33.47 0.46 0.00	34.59 0.44 0.00	34.03 0.34 0.00	35.56 0.35 0.00	31.92 0.22 0.00	32.16 0.19 0.00	32.51 0.20 0.00	33.91 0.20 0.00	36.03 0.22 0.00	39.95 0.28 0.00	42.63 0.26 0.00	43.91 0.26 0.00	49.52 0.39 0.00	55.29 0.49 0.00	58.00 0.57 0.00	59.55 0.82 0.00	56.56 0.72 0.00	51.01 0.70 0.00	46.45 0.51 0.00	40.24 0.32 0.00
E_FISHKILL__LBMP 23776	43.59 1.76 0.00	39.92 1.65 0.00	36.87 1.52 0.00	34.94 1.41 0.00	34.30 1.29 0.00	35.34 1.20 0.00	34.70 1.01 0.00	36.40 1.20 0.00	32.97 1.27 0.00	33.44 1.47 0.00	33.80 1.49 0.00	35.19 1.48 0.00	37.57 1.75 0.00	41.57 1.90 0.00	44.50 2.12 0.00	45.92 2.27 0.00	51.64 2.51 0.00	57.05 2.25 0.00	59.15 1.72 0.00	60.20 1.47 0.00	57.57 1.73 0.00	51.81 1.51 0.00	47.50 1.56 0.00	41.32 1.40 0.00
FALCON__SEABRD_CC1 323796	42.59 0.75 0.00	38.74 0.46 0.00	35.74 0.39 0.00	33.86 0.34 0.00	33.47 0.46 0.00	34.69 0.54 0.00	34.43 0.74 0.00	35.87 0.67 0.00	32.27 0.57 0.00	32.55 0.58 0.00	32.86 0.55 0.00	34.28 0.57 0.00	36.46 0.65 0.00	40.34 0.67 0.00	43.10 0.72 0.00	44.31 0.66 0.00	49.96 0.83 0.00	55.79 0.99 0.00	58.46 1.03 0.00	59.96 1.24 0.00	56.95 1.12 0.00	51.36 1.06 0.00	46.86 0.92 0.00	40.80 0.88 0.00
FALCON__SEABRD_CC2 323797	42.59 0.75 0.00	38.74 0.46 0.00	35.74 0.39 0.00	33.86 0.34 0.00	33.47 0.46 0.00	34.69 0.54 0.00	34.43 0.74 0.00	35.87 0.67 0.00	32.27 0.57 0.00	32.55 0.58 0.00	32.86 0.55 0.00	34.28 0.57 0.00	36.46 0.65 0.00	40.34 0.67 0.00	43.10 0.72 0.00	44.31 0.66 0.00	49.96 0.83 0.00	55.79 0.99 0.00	58.46 1.03 0.00	59.96 1.24 0.00	56.95 1.12 0.00	51.36 1.06 0.00	46.86 0.92 0.00	40.80 0.88 0.00

FAR ROCKAWAY___4 23548	45.35 3.51 0.00	41.34 3.06 0.00	38.00 2.65 0.00	35.84 2.31 0.00	35.35 2.34 0.00	36.19 2.05 0.00	35.45 1.75 0.00	37.39 2.18 0.00	33.98 2.28 0.00	36.99 2.91 -2.11	38.33 2.88 -3.14	42.85 2.93 -6.21	46.44 3.37 -7.26	48.37 3.73 -4.97	49.23 4.07 -2.78	50.13 4.32 -2.16	53.85 4.72 0.00	60.11 4.82 -0.48	61.62 4.19 0.00	62.37 3.64 0.00	59.47 3.63 0.00	53.12 2.82 0.00	49.02 3.08 0.00	42.80 2.87 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.39 2.55 0.00	40.57 2.30 0.00	37.37 2.02 0.00	35.41 1.88 0.00	34.76 1.75 0.00	35.75 1.60 0.00	35.11 1.42 0.00	36.93 1.73 0.00	33.60 1.90 0.00	34.18 2.21 0.00	34.54 2.23 0.00	35.90 2.19 0.00	38.43 2.61 0.00	42.48 2.82 0.00	45.47 3.09 0.00	46.97 3.32 0.00	52.77 3.64 0.00	57.93 3.12 0.00	59.72 2.30 0.00	60.67 1.94 0.00	58.24 2.40 0.00	52.52 2.21 0.00	48.24 2.30 0.00	41.96 2.04 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.39 2.55 0.00	40.57 2.30 0.00	37.40 2.05 0.00	35.41 1.88 0.00	34.76 1.75 0.00	35.75 1.60 0.00	35.11 1.42 0.00	36.93 1.73 0.00	33.60 1.90 0.00	34.18 2.21 0.00	34.54 2.23 0.00	35.90 2.19 0.00	38.43 2.61 0.00	42.48 2.82 0.00	45.47 3.09 0.00	46.97 3.32 0.00	52.77 3.64 0.00	57.93 3.12 0.00	59.72 2.30 0.00	60.67 1.94 0.00	58.24 2.40 0.00	52.52 2.21 0.00	48.24 2.30 0.00	41.96 2.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.35 2.51 0.00	40.54 2.26 0.00	37.37 2.02 0.00	35.41 1.88 0.00	34.73 1.72 0.00	35.72 1.57 0.00	35.11 1.42 0.00	36.93 1.73 0.00	33.60 1.90 0.00	34.15 2.17 0.00	34.51 2.20 0.00	35.87 2.16 0.00	38.39 2.58 0.00	42.44 2.78 0.00	45.43 3.05 0.00	46.92 3.27 0.00	52.72 3.59 0.00	57.87 3.07 0.00	59.67 2.24 0.00	60.61 1.88 0.00	58.18 2.35 0.00	52.47 2.16 0.00	48.19 2.25 0.00	41.92 2.00 0.00
FARRAGUT___LBMP 323566	44.31 2.47 0.00	40.54 2.26 0.00	37.33 1.98 0.00	35.37 1.84 0.00	34.69 1.68 0.00	35.72 1.57 0.00	35.08 1.38 0.00	36.90 1.69 0.00	33.57 1.87 0.00	34.15 2.17 0.00	34.48 2.17 0.00	35.87 2.16 0.00	38.36 2.54 0.00	42.40 2.74 0.00	45.43 3.05 0.00	46.88 3.23 0.00	52.67 3.54 0.00	57.82 3.01 0.00	59.67 2.24 0.00	60.55 1.82 0.00	58.13 2.29 0.00	52.47 2.16 0.00	48.19 2.25 0.00	41.88 1.96 0.00
FARRCKWY_69_KV_BK2 55825	45.35 3.51 0.00	41.34 3.06 0.00	38.00 2.65 0.00	35.84 2.31 0.00	35.35 2.34 0.00	36.19 2.05 0.00	35.45 1.75 0.00	37.39 2.18 0.00	33.98 2.28 0.00	36.99 2.91 -2.11	38.33 2.88 -3.14	42.85 2.93 -6.21	46.44 3.37 -7.26	48.37 3.73 -4.97	49.23 4.07 -2.78	50.13 4.32 -2.16	53.85 4.72 0.00	60.11 4.82 -0.48	61.62 4.19 0.00	62.37 3.64 0.00	59.47 3.63 0.00	53.12 2.82 0.00	49.02 3.08 0.00	42.80 2.87 0.00
FENNER___WINDPWR 24204	42.50 0.67 0.00	38.93 0.65 0.00	35.88 0.53 0.00	34.10 0.57 0.00	33.54 0.53 0.00	34.69 0.54 0.00	34.10 0.41 0.00	35.56 0.35 0.00	31.86 0.16 0.00	32.07 0.10 0.00	32.41 0.10 0.00	33.84 0.14 0.00	35.96 0.14 0.00	39.95 0.28 0.00	42.63 0.26 0.00	43.87 0.22 0.00	49.57 0.44 0.00	55.63 0.82 0.00	59.24 1.21 -0.61	61.02 1.59 -0.70	57.90 1.34 -0.72	52.07 1.16 -0.61	47.26 0.87 -0.45	40.57 0.60 -0.04
FIBERTEK___ENERGY 23856	41.50 -0.33 0.00	38.05 -0.23 0.00	35.11 -0.25 0.00	33.26 -0.27 0.00	32.75 -0.26 0.00	33.87 -0.27 0.00	33.36 -0.34 0.00	34.86 -0.35 0.00	31.41 -0.29 0.00	31.65 -0.32 0.00	31.99 -0.32 0.00	33.44 -0.27 0.00	35.46 -0.36 0.00	39.39 -0.28 0.00	42.00 -0.38 0.00	43.26 -0.39 0.00	48.74 -0.39 0.00	54.64 -0.16 0.00	58.90 0.06 -1.42	60.49 0.12 -1.65	57.36 -0.17 -1.69	51.53 -0.20 -1.43	46.71 -0.28 -1.05	39.66 -0.36 -0.10
FITZPATRICK___ 23598	40.46 -1.38 0.00	37.13 -1.15 0.00	34.29 -1.06 0.00	32.59 -0.94 0.00	32.09 -0.92 0.00	33.19 -0.96 0.00	32.68 -1.01 0.00	34.15 -1.06 0.00	30.78 -0.92 0.00	31.04 -0.93 0.00	31.38 -0.94 0.00	32.76 -0.94 0.00	34.67 -1.15 0.00	38.39 -1.27 0.00	40.98 -1.40 0.00	42.21 -1.44 0.00	47.51 -1.62 0.00	53.16 -1.64 0.00	46.50 -1.61 9.32	46.30 -1.64 10.78	43.10 -1.67 11.06	39.40 -1.56 9.34	37.55 -1.51 6.88	37.94 -1.36 0.63
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.14 2.30 0.00	40.38 2.11 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.75 1.60 0.00	35.08 1.38 0.00	36.76 1.55 0.00	33.22 1.52 0.00	33.57 1.60 0.00	33.93 1.62 0.00	35.39 1.69 0.00	37.75 1.93 0.00	41.89 2.22 0.00	44.84 2.46 0.00	46.27 2.62 0.00	52.03 2.90 0.00	57.71 2.90 0.00	60.07 2.64 0.00	61.14 2.41 0.00	58.35 2.51 0.00	52.47 2.16 0.00	48.05 2.11 0.00	41.76 1.84 0.00
FORT ORANGE___ 23900	42.34 0.50 0.00	38.97 0.69 0.00	36.06 0.71 0.00	34.13 0.60 0.00	33.57 0.56 0.00	34.62 0.48 0.00	34.00 0.30 0.00	35.42 0.21 0.00	31.76 0.06 0.00	31.94 -0.03 0.00	32.28 -0.03 0.00	33.64 -0.07 0.00	35.74 -0.07 0.00	39.63 -0.04 0.00	42.42 0.04 0.00	43.69 0.04 0.00	49.08 -0.05 0.00	54.75 -0.05 0.00	57.48 0.06 0.00	58.91 0.18 0.00	56.23 0.39 0.00	50.66 0.35 0.00	46.31 0.37 0.00	40.41 0.48 0.00
FORT_DRUM_COGEN 23780	44.56 2.72 0.00	40.77 2.49 0.00	37.47 2.12 0.00	35.61 2.08 0.00	35.19 2.18 0.00	36.37 2.22 0.00	35.55 1.85 0.00	36.97 1.76 0.00	32.55 0.86 0.00	32.55 0.58 0.00	32.83 0.52 0.00	34.32 0.61 0.00	36.46 0.64 0.00	40.66 0.99 0.00	43.27 0.89 0.00	44.26 0.61 0.00	50.55 1.42 0.00	57.21 2.41 0.00	62.99 3.73 -1.83	66.36 5.52 -2.11	62.98 4.97 -2.17	56.91 4.78 -1.83	51.10 3.81 -1.35	42.88 2.83 -0.12
FOX_HILLS___ESR 323835	44.31 2.47 0.00	40.46 2.18 0.00	37.19 1.84 0.00	35.14 1.61 0.00	34.40 1.39 0.00	35.24 1.09 0.00	34.54 0.84 0.00	36.33 1.13 0.00	33.02 1.33 0.01	33.54 1.57 0.00	33.96 1.65 0.00	35.29 1.58 0.00	37.96 2.15 0.00	41.97 2.30 0.00	44.96 2.59 0.00	46.53 2.88 0.00	51.93 2.80 0.00	56.61 1.81 0.00	58.79 1.38 0.01	59.72 1.00 0.01	56.89 1.06 0.01	51.66 1.36 0.00	47.83 1.88 0.00	41.64 1.72 0.00
FPL_FAR_ROCK_GT1 24212	45.36 3.51 0.00	41.38 3.10 0.00	37.97 2.62 0.00	35.75 2.21 0.00	35.10 2.08 0.00	36.02 1.88 0.00	35.34 1.65 0.00	37.32 2.11 0.00	33.98 2.28 0.00	36.86 2.78 -2.11	38.24 2.78 -3.15	42.76 2.83 -6.22	46.45 3.37 -7.27	48.37 3.73 -4.98	49.19 4.03 -2.78	50.18 4.36 -2.16	53.95 4.82 0.00	59.94 4.66 -0.49	61.62 4.19 0.00	62.26 3.52 0.00	59.25 3.41 0.00	53.38 3.07 0.00	49.02 3.08 0.00	42.88 2.95 0.00
FPL_FAR_ROCK_GT2 23815	45.36 3.51 0.00	41.38 3.10 0.00	37.97 2.62 0.00	35.75 2.21 0.00	35.10 2.08 0.00	36.02 1.88 0.00	35.34 1.65 0.00	37.32 2.11 0.00	33.98 2.28 0.00	36.86 2.78 -2.11	38.24 2.78 -3.15	42.76 2.83 -6.22	46.45 3.37 -7.27	48.37 3.73 -4.98	49.19 4.03 -2.78	50.18 4.36 -2.16	53.95 4.82 0.00	59.94 4.66 -0.49	61.62 4.19 0.00	62.26 3.52 0.00	59.25 3.41 0.00	53.38 3.07 0.00	49.02 3.08 0.00	42.88 2.95 0.00

FRANKLIN_FALL_HYD 24054	42.55 0.71 0.00	38.62 0.34 0.00	35.64 0.28 0.00	33.76 0.23 0.00	33.41 0.40 0.00	34.73 0.58 0.00	34.44 0.74 0.00	35.84 0.63 0.00	32.20 0.51 0.00	32.48 0.51 0.00	32.80 0.48 0.00	34.21 0.51 0.00	36.42 0.61 0.00	40.26 0.59 0.00	43.01 0.64 0.00	44.17 0.52 0.00	49.87 0.74 0.00	55.46 0.66 0.00	58.46 1.03 0.00	60.14 1.41 0.00	57.07 1.23 0.00	51.46 1.16 0.00	46.86 0.92 0.00	40.84 0.92 0.00
FREEPORT_EQUS_GT1 23764	45.02 3.18 0.00	41.07 2.79 0.00	37.72 2.37 0.00	35.47 1.94 0.00	34.79 1.78 0.00	35.75 1.61 0.00	35.08 1.38 0.00	37.04 1.83 0.00	33.76 2.06 0.00	36.67 2.59 -2.11	37.98 2.52 -3.14	42.48 2.56 -6.21	46.16 3.08 -7.26	48.01 3.37 -4.97	48.80 3.65 -2.78	49.78 3.97 -2.16	53.40 4.27 0.00	59.34 4.06 -0.48	60.90 3.50 0.03	61.27 2.88 0.34	58.38 2.79 0.25	52.76 2.51 0.05	48.61 2.66 0.00	42.60 2.68 0.00
FREEPORT__CT2 23818	45.02 3.18 0.00	41.07 2.79 0.00	37.72 2.37 0.00	35.47 1.94 0.00	34.79 1.78 0.00	35.75 1.61 0.00	35.08 1.38 0.00	37.04 1.83 0.00	33.76 2.06 0.00	36.67 2.59 -2.11	37.98 2.52 -3.14	42.48 2.56 -6.21	46.16 3.08 -7.26	48.01 3.37 -4.97	48.80 3.65 -2.78	49.78 3.97 -2.16	53.40 4.27 0.00	59.34 4.06 -0.48	60.90 3.50 0.03	61.27 2.88 0.34	58.38 2.79 0.25	52.76 2.51 0.05	48.61 2.66 0.00	42.60 2.68 0.00
FRESHKLS_33_KV_LOAD 356253	44.39 2.55 0.00	40.50 2.22 0.00	37.23 1.87 0.00	35.17 1.64 0.00	34.43 1.42 0.00	35.27 1.13 0.00	34.54 0.84 0.00	36.33 1.13 0.00	33.02 1.33 0.01	33.54 1.57 0.00	33.96 1.65 0.00	35.29 1.58 0.00	38.00 2.19 0.00	42.01 2.34 0.00	45.01 2.63 0.00	46.62 2.97 0.00	51.88 2.75 0.00	56.55 1.75 0.01	58.74 1.32 0.01	59.66 0.94 0.01	56.84 1.01 0.01	51.66 1.36 0.00	47.92 1.97 0.00	41.68 1.75 0.00
FULTON COGEN____ 23766	41.08 -0.75 0.00	37.67 -0.61 0.00	34.79 -0.57 0.00	32.96 -0.57 0.00	32.45 -0.56 0.00	33.53 -0.61 0.00	33.02 -0.67 0.00	34.50 -0.70 0.00	31.10 -0.60 0.00	31.33 -0.64 0.00	31.67 -0.65 0.00	33.10 -0.61 0.00	35.06 -0.75 0.00	38.91 -0.75 0.00	41.49 -0.89 0.00	42.73 -0.92 0.00	48.15 -0.98 0.00	53.98 -0.82 0.00	59.57 -0.63 -2.78	61.36 -0.59 -3.22	58.36 -0.78 -3.30	52.33 -0.75 -2.79	47.21 -0.78 -2.05	39.31 -0.80 -0.19
FULTON__LFGE 323630	44.09 2.26 0.00	40.38 2.10 0.00	37.23 1.87 0.00	35.27 1.74 0.00	34.76 1.75 0.00	35.82 1.67 0.00	35.11 1.41 0.00	36.02 0.81 0.00	31.60 -0.09 0.00	31.49 -0.48 0.00	31.70 -0.61 0.00	33.00 -0.71 0.00	35.06 -0.75 0.00	38.83 -0.83 0.00	41.70 -0.68 0.00	43.08 -0.57 0.00	48.93 -0.20 0.00	55.73 0.93 0.00	59.89 2.47 0.00	62.37 3.64 0.00	59.36 3.52 0.00	53.32 3.02 0.00	48.51 2.57 0.00	41.96 2.04 0.00
G.F.CEMENT__DRP 24184	43.43 1.59 0.00	39.89 1.61 0.00	36.84 1.48 0.00	34.94 1.41 0.00	34.36 1.35 0.00	35.44 1.30 0.00	34.84 1.15 0.00	36.09 0.88 0.00	32.08 0.38 0.00	32.20 0.22 0.00	32.25 -0.06 0.00	33.64 -0.07 0.00	35.64 -0.18 0.00	39.31 -0.36 0.00	42.08 -0.30 0.00	43.43 -0.22 0.00	48.98 -0.15 0.00	55.35 0.55 0.00	58.86 1.44 0.00	60.78 2.06 0.00	58.29 2.46 0.00	52.37 2.06 0.00	47.73 1.79 0.00	41.40 1.48 0.00
GARDENVILLE__LBMP 24039	40.54 -1.30 0.00	37.05 -1.22 0.00	33.76 -1.59 0.00	31.85 -1.68 0.00	31.36 -1.65 0.00	32.34 -1.81 0.00	31.94 -1.75 0.00	33.59 -1.62 0.00	30.91 -0.79 0.00	31.01 -0.96 0.00	31.25 -1.07 0.00	32.83 -0.88 0.00	35.10 -0.72 0.00	39.43 -0.24 0.00	41.74 -0.64 0.00	43.08 -0.57 0.00	48.20 -0.93 0.00	54.97 0.16 0.00	58.00 0.57 0.00	58.44 -0.29 0.00	53.94 -1.90 0.00	48.84 -1.46 0.00	44.65 -1.29 0.00	38.69 -1.24 0.00
GARDNVLA_35_KV_LD 355827	40.67 -1.17 0.00	37.17 -1.11 0.00	33.83 -1.52 0.00	31.92 -1.61 0.00	31.43 -1.58 0.00	32.40 -1.74 0.00	32.01 -1.68 0.00	33.66 -1.55 0.00	31.00 -0.70 0.00	31.11 -0.86 0.00	31.35 -0.97 0.00	32.97 -0.74 0.00	35.24 -0.57 0.00	39.59 -0.08 0.00	41.95 -0.42 0.00	43.30 -0.35 0.00	48.39 -0.74 0.00	55.24 0.44 0.00	58.29 0.86 0.00	58.67 -0.06 0.00	54.16 -1.68 0.00	49.05 -1.26 0.00	44.79 -1.15 0.00	38.81 -1.12 0.00
GELCKHM__115KV_LOAD 80723	41.17 -0.67 0.00	37.78 -0.50 0.00	34.86 -0.49 0.00	33.03 -0.50 0.00	32.52 -0.50 0.00	33.63 -0.51 0.00	33.12 -0.57 0.00	34.61 -0.60 0.00	31.22 -0.48 0.00	31.46 -0.51 0.00	31.80 -0.52 0.00	33.24 -0.47 0.00	35.24 -0.57 0.00	39.11 -0.56 0.00	41.74 -0.64 0.00	43.00 -0.65 0.00	48.39 -0.74 0.00	54.25 -0.55 0.00	57.85 -0.40 -0.83	59.28 -0.41 -0.96	56.15 -0.67 -0.98	50.48 -0.65 -0.83	45.91 -0.64 -0.61	39.30 -0.68 -0.06
GENERAL__MILLS 23808	40.58 -1.26 0.00	37.09 -1.19 0.00	33.80 -1.56 0.00	31.89 -1.64 0.00	31.39 -1.62 0.00	32.34 -1.81 0.00	31.98 -1.72 0.00	33.62 -1.58 0.00	30.94 -0.76 0.00	31.08 -0.90 0.00	31.28 -1.03 0.00	32.90 -0.81 0.00	35.14 -0.68 0.00	39.51 -0.16 0.00	41.83 -0.55 0.00	43.17 -0.48 0.00	48.25 -0.88 0.00	55.13 0.33 0.00	58.11 0.69 0.00	58.55 -0.18 0.00	54.00 -1.84 0.00	48.94 -1.36 0.00	44.70 -1.24 0.00	38.73 -1.20 0.00
GE_PLASTICS__DRP 24183	42.21 0.38 0.00	38.81 0.54 0.00	35.92 0.57 0.00	34.10 0.57 0.00	33.51 0.50 0.00	34.59 0.44 0.00	34.00 0.30 0.00	35.45 0.25 0.00	31.86 0.16 0.00	32.10 0.13 0.00	32.48 0.16 0.00	33.84 0.13 0.00	35.96 0.14 0.00	39.78 0.12 0.00	42.55 0.17 0.00	43.87 0.22 0.00	49.23 0.10 0.00	54.86 0.05 0.00	57.43 0.00 0.00	58.73 0.00 0.00	56.12 0.28 0.00	50.50 0.20 0.00	46.17 0.23 0.00	40.24 0.32 0.00
GILBOA__1 23756	42.55 0.71 0.00	39.00 0.73 0.00	36.06 0.71 0.00	34.27 0.74 0.00	33.67 0.66 0.00	34.76 0.62 0.00	34.17 0.47 0.00	35.77 0.56 0.00	32.14 0.44 0.00	32.42 0.45 0.00	32.77 0.45 0.00	34.18 0.47 0.00	36.42 0.61 0.00	40.34 0.67 0.00	43.05 0.68 0.00	44.44 0.79 0.00	49.91 0.78 0.00	55.46 0.66 0.00	58.00 0.57 0.00	59.20 0.47 0.00	56.40 0.56 0.00	50.81 0.50 0.00	46.45 0.51 0.00	40.44 0.52 0.00
GILBOA__2 23757	42.55 0.71 0.00	39.00 0.73 0.00	36.06 0.71 0.00	34.27 0.74 0.00	33.67 0.66 0.00	34.76 0.62 0.00	34.17 0.47 0.00	35.77 0.56 0.00	32.14 0.44 0.00	32.42 0.45 0.00	32.77 0.45 0.00	34.18 0.47 0.00	36.42 0.61 0.00	40.34 0.67 0.00	43.05 0.68 0.00	44.44 0.79 0.00	49.91 0.78 0.00	55.46 0.66 0.00	58.00 0.57 0.00	59.20 0.47 0.00	56.40 0.56 0.00	50.81 0.50 0.00	46.45 0.51 0.00	40.44 0.52 0.00
GILBOA__3 23758	42.55 0.71 0.00	39.00 0.73 0.00	36.06 0.71 0.00	34.27 0.74 0.00	33.67 0.66 0.00	34.76 0.62 0.00	34.17 0.47 0.00	35.77 0.56 0.00	32.14 0.44 0.00	32.42 0.45 0.00	32.77 0.45 0.00	34.18 0.47 0.00	36.42 0.61 0.00	40.34 0.67 0.00	43.05 0.68 0.00	44.44 0.79 0.00	49.91 0.78 0.00	55.46 0.66 0.00	58.00 0.57 0.00	59.20 0.47 0.00	56.40 0.56 0.00	50.81 0.50 0.00	46.45 0.51 0.00	40.44 0.52 0.00

GILBOA___4 23759	42.55 0.71 0.00	39.00 0.73 0.00	36.06 0.71 0.00	34.27 0.74 0.00	33.67 0.66 0.00	34.76 0.62 0.00	34.17 0.47 0.00	35.77 0.56 0.00	32.14 0.44 0.00	32.42 0.45 0.00	32.77 0.45 0.00	34.18 0.47 0.00	36.42 0.61 0.00	40.34 0.67 0.00	43.05 0.68 0.00	44.44 0.79 0.00	49.91 0.78 0.00	55.46 0.66 0.00	58.00 0.57 0.00	59.20 0.47 0.00	56.40 0.56 0.00	50.81 0.50 0.00	46.45 0.51 0.00	40.44 0.52 0.00
GILBOA____ 23599	42.55 0.71 0.00	39.00 0.73 0.00	36.06 0.71 0.00	34.33 0.80 0.00	33.74 0.73 0.00	34.83 0.68 0.00	34.23 0.54 0.00	35.81 0.60 0.00	32.14 0.44 0.00	32.48 0.51 0.00	32.83 0.52 0.00	34.21 0.51 0.00	36.42 0.61 0.00	40.34 0.67 0.00	43.14 0.76 0.00	44.44 0.79 0.00	49.92 0.79 0.00	55.51 0.71 0.00	58.00 0.57 0.00	59.20 0.47 0.00	56.45 0.61 0.00	50.81 0.50 0.00	46.45 0.51 0.00	40.44 0.52 0.00
GINNA____ 23603	39.54 -2.30 0.00	36.10 -2.18 0.00	33.06 -2.30 0.00	31.32 -2.21 0.00	30.83 -2.18 0.00	31.89 -2.25 0.00	31.44 -2.26 0.00	32.88 -2.32 0.00	29.86 -1.84 0.00	30.24 -1.73 0.00	30.60 -1.71 0.00	32.02 -1.68 0.00	34.06 -1.75 0.00	38.00 -1.66 0.00	40.56 -1.82 0.00	41.56 -2.09 0.00	46.77 -2.36 0.00	52.88 -1.92 0.00	55.70 -1.72 0.00	56.62 -2.11 0.00	53.21 -2.62 0.00	47.84 -2.46 0.00	43.60 -2.34 0.00	37.61 -2.32 0.00
GLEN PARK____ 23778	44.76 2.93 0.00	40.96 2.68 0.00	37.65 2.30 0.00	35.81 2.28 0.00	35.39 2.38 0.00	36.57 2.42 0.00	35.75 2.06 0.00	37.11 1.90 0.00	32.62 0.92 0.00	32.64 0.67 0.00	32.86 0.55 0.00	34.42 0.71 0.00	36.53 0.72 0.00	40.74 1.07 0.00	43.35 0.98 0.00	44.35 0.70 0.00	50.70 1.57 0.00	57.43 2.63 0.00	63.37 4.02 -1.93	66.89 5.93 -2.23	63.60 5.48 -2.29	57.42 5.18 -1.93	51.45 4.09 -1.42	43.09 3.03 -0.13
GLENDALE_27_KV_LOAD 356172	44.56 2.72 0.00	40.73 2.45 0.00	37.47 2.12 0.00	35.41 1.88 0.00	34.69 1.68 0.00	35.61 1.47 0.00	34.97 1.28 0.00	36.83 1.62 0.00	33.54 1.84 0.00	34.02 2.05 0.00	34.41 2.10 0.00	35.77 2.06 0.00	38.43 2.61 0.00	42.48 2.82 0.00	45.47 3.09 0.00	47.06 3.41 0.00	52.67 3.54 0.00	57.60 2.79 0.00	59.60 2.18 0.01	60.54 1.82 0.01	57.84 2.01 0.01	52.32 2.01 0.00	48.24 2.30 0.00	41.96 2.04 0.00
GLENWOOD_IC_1_G5 23712	44.64 2.80 0.00	40.77 2.49 0.00	37.51 2.16 0.00	35.44 1.91 0.00	34.89 1.88 0.00	35.82 1.67 0.00	35.14 1.45 0.00	37.00 1.80 0.00	33.63 1.93 0.00	36.48 2.40 -2.11	37.88 2.42 -3.14	42.35 2.43 -6.21	45.91 2.83 -7.26	47.73 3.09 -4.97	48.55 3.39 -2.78	49.43 3.62 -2.16	53.06 3.93 0.00	58.90 3.62 -0.48	60.15 2.76 0.03	60.86 2.53 0.40	58.40 2.85 0.29	52.50 2.26 0.06	48.38 2.43 0.00	42.20 2.28 0.00
GLENWOOD_IC_2_G1 23688	44.35 2.51 0.00	40.57 2.30 0.00	37.33 1.98 0.00	35.21 1.68 0.00	34.56 1.55 0.00	35.55 1.40 0.00	34.91 1.21 0.00	36.79 1.59 0.00	33.44 1.74 0.00	36.09 2.02 -2.11	37.53 2.07 -3.14	41.98 2.06 -6.21	45.62 2.54 -7.26	47.41 2.78 -4.97	48.17 3.01 -2.78	49.08 3.28 -2.16	52.71 3.58 0.00	58.41 3.12 -0.48	60.13 2.70 0.00	60.96 2.23 0.00	58.13 2.29 0.00	52.41 2.11 0.00	48.15 2.21 0.00	42.00 2.07 0.00
GLENWOOD_IC_3_G1 23689	44.35 2.51 0.00	40.57 2.30 0.00	37.33 1.98 0.00	35.21 1.68 0.00	34.56 1.55 0.00	35.55 1.40 0.00	34.91 1.21 0.00	36.79 1.59 0.00	33.44 1.74 0.00	36.09 2.02 -2.11	37.53 2.07 -3.14	41.98 2.06 -6.21	45.62 2.54 -7.26	47.41 2.78 -4.97	48.17 3.01 -2.78	49.08 3.28 -2.16	52.71 3.58 0.00	58.41 3.12 -0.48	60.13 2.70 0.00	60.96 2.23 0.00	58.13 2.29 0.00	52.41 2.11 0.00	48.15 2.21 0.00	42.00 2.07 0.00
GLENWOOD___4 23550	44.64 2.80 0.00	40.77 2.49 0.00	37.51 2.16 0.00	35.44 1.91 0.00	34.89 1.88 0.00	35.82 1.67 0.00	35.14 1.45 0.00	37.00 1.80 0.00	33.63 1.93 0.00	36.48 2.40 -2.11	37.88 2.42 -3.14	42.35 2.43 -6.21	45.91 2.83 -7.26	47.73 3.09 -4.97	48.55 3.39 -2.78	49.43 3.62 -2.16	53.06 3.93 0.00	58.95 3.67 -0.48	60.32 2.93 0.03	60.91 2.58 0.40	58.40 2.85 0.29	52.50 2.26 0.06	48.38 2.43 0.00	42.20 2.28 0.00
GLENWOOD___5 23614	44.64 2.80 0.00	40.77 2.49 0.00	37.51 2.16 0.00	35.44 1.91 0.00	34.89 1.88 0.00	35.82 1.67 0.00	35.14 1.45 0.00	37.00 1.80 0.00	33.63 1.93 0.00	36.48 2.40 -2.11	37.88 2.42 -3.14	42.35 2.43 -6.21	45.91 2.83 -7.26	47.73 3.09 -4.97	48.55 3.39 -2.78	49.43 3.62 -2.16	53.06 3.93 0.00	58.95 3.67 -0.48	60.32 2.93 0.03	60.91 2.58 0.40	58.40 2.85 0.29	52.50 2.26 0.06	48.38 2.43 0.00	42.20 2.28 0.00
GLOBAL GREEN_PORT_GT1 23814	46.44 4.60 0.00	42.53 4.25 0.00	39.14 3.78 0.00	36.61 3.08 0.00	35.98 2.97 0.00	37.08 2.94 0.00	36.39 2.70 0.00	38.66 3.45 0.00	35.37 3.68 0.00	38.68 4.61 -2.11	39.66 4.20 -3.14	44.20 4.28 -6.21	48.05 4.98 -7.26	50.39 5.75 -4.97	51.47 6.32 -2.78	52.57 6.77 -2.16	60.40 7.71 -3.56	70.80 7.84 -8.16	73.36 7.46 -8.47	67.21 6.58 -1.91	63.49 6.25 -1.40	56.02 5.43 -0.28	50.86 4.92 0.00	44.71 4.79 0.00
GLOBE___DSASP 323697	39.24 -2.59 0.00	36.67 -1.61 0.00	33.41 -1.94 0.00	31.48 -2.05 0.00	31.03 -1.98 0.00	31.96 -2.19 0.00	31.60 -2.09 0.00	33.34 -1.87 0.00	30.84 -0.86 0.00	30.72 -1.25 0.00	30.76 -1.55 0.00	32.19 -1.52 0.00	34.38 -1.43 0.00	38.59 -1.07 0.00	40.73 -1.65 0.00	41.95 -1.70 0.00	46.82 -2.31 0.00	53.32 -1.48 0.00	56.16 -1.26 0.00	56.56 -2.17 0.00	52.26 -3.57 0.00	47.44 -2.87 0.00	43.97 -1.98 0.00	38.17 -1.76 0.00
GOETHSLN___LBMP 323567	44.14 2.30 0.00	40.38 2.11 0.00	37.19 1.84 0.00	35.24 1.71 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.94 1.25 0.00	36.79 1.58 0.00	33.50 1.81 0.00	34.08 2.11 0.00	34.42 2.10 0.00	35.76 2.06 0.00	38.29 2.47 0.00	42.32 2.66 0.00	45.30 2.92 0.00	46.79 3.14 0.00	52.52 3.39 0.00	57.65 2.85 0.00	59.44 2.01 0.00	60.31 1.59 0.00	57.96 2.12 0.00	52.26 1.96 0.00	48.01 2.07 0.00	41.76 1.84 0.00
GOLAH___69_KV_TB 1_2 80279	41.33 -0.50 0.00	37.74 -0.54 0.00	34.50 -0.85 0.00	32.52 -1.01 0.00	32.09 -0.92 0.00	33.12 -1.02 0.00	32.72 -0.98 0.00	34.26 -0.95 0.00	31.25 -0.44 0.00	31.40 -0.58 0.00	31.70 -0.61 0.00	33.20 -0.51 0.00	35.42 -0.39 0.00	39.59 -0.08 0.00	42.12 -0.25 0.00	43.30 -0.35 0.00	48.64 -0.49 0.00	55.30 0.49 0.00	58.34 0.92 0.00	59.26 0.53 0.00	55.22 -0.61 0.00	49.95 -0.35 0.00	45.62 -0.32 0.00	39.33 -0.60 0.00
GOODYEAR_LAKE_HYD 323669	44.56 2.72 0.00	40.77 2.49 0.00	37.44 2.09 0.00	35.54 2.01 0.00	35.02 2.01 0.00	36.16 2.01 0.00	35.45 1.75 0.00	36.90 1.69 0.00	32.59 0.89 0.00	32.61 0.64 0.00	32.90 0.58 0.00	34.42 0.71 0.00	36.71 0.90 0.00	41.05 1.39 0.00	43.73 1.36 0.00	44.96 1.31 0.00	51.39 2.26 0.00	58.53 3.73 0.00	62.49 4.71 -0.35	64.89 5.76 -0.41	61.00 4.75 -0.42	54.93 4.28 -0.35	49.65 3.45 -0.26	42.54 2.60 -0.02

GOUDEY___7 345031	41.92 0.08 0.00	38.39 0.11 0.00	35.35 0.00 0.00	33.50 -0.03 0.00	32.98 -0.03 0.00	34.08 -0.07 0.00	33.53 -0.17 0.00	35.03 -0.18 0.00	31.60 -0.10 0.00	31.88 -0.10 0.00	32.22 -0.10 0.00	33.71 0.00 0.00	35.89 0.07 0.00	39.94 0.28 0.00	42.55 0.17 0.00	43.87 0.22 0.00	49.42 0.29 0.00	55.62 0.82 0.00	59.00 1.03 -0.54	60.30 0.94 -0.63	56.88 0.39 -0.65	51.05 0.20 -0.55	46.48 0.14 -0.40	40.00 0.04 -0.04
GOUDEY___7 23579	41.92 0.08 0.00	38.39 0.11 0.00	35.35 0.00 0.00	33.50 -0.03 0.00	32.98 -0.03 0.00	34.08 -0.07 0.00	33.53 -0.17 0.00	35.03 -0.18 0.00	31.60 -0.10 0.00	31.88 -0.10 0.00	32.22 -0.10 0.00	33.71 0.00 0.00	35.89 0.07 0.00	39.94 0.28 0.00	42.55 0.17 0.00	43.87 0.22 0.00	49.42 0.29 0.00	55.62 0.82 0.00	59.00 1.03 -0.54	60.30 0.94 -0.63	56.88 0.39 -0.65	51.05 0.20 -0.55	46.48 0.14 -0.40	40.00 0.04 -0.04
GOUDEY___8 23580	41.92 0.08 0.00	38.39 0.11 0.00	35.35 0.00 0.00	33.50 -0.03 0.00	32.98 -0.03 0.00	34.08 -0.07 0.00	33.53 -0.17 0.00	35.03 -0.18 0.00	31.60 -0.10 0.00	31.88 -0.10 0.00	32.22 -0.10 0.00	33.71 0.00 0.00	35.89 0.07 0.00	39.94 0.28 0.00	42.55 0.17 0.00	43.87 0.22 0.00	49.42 0.29 0.00	55.62 0.82 0.00	59.00 1.03 -0.54	60.30 0.94 -0.63	56.88 0.39 -0.65	51.05 0.20 -0.55	46.48 0.14 -0.40	40.00 0.04 -0.04
GOWANUS_GT1_1 24077	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.74 1.04 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.53 1.82 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.62 2.97 0.00	52.13 3.00 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT1_2 24078	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.74 1.04 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.53 1.82 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.62 2.97 0.00	52.13 3.00 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT1_3 24079	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.74 1.04 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.53 1.82 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.62 2.97 0.00	52.13 3.00 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT1_4 24080	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.74 1.04 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.53 1.82 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.62 2.97 0.00	52.13 3.00 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT1_5 24084	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.74 1.04 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.53 1.82 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.62 2.97 0.00	52.13 3.00 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT1_6 24111	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.74 1.04 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.53 1.82 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.62 2.97 0.00	52.13 3.00 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT1_7 24112	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.74 1.04 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.53 1.82 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.62 2.97 0.00	52.13 3.00 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT1_8 24113	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.74 1.04 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.53 1.82 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.62 2.97 0.00	52.13 3.00 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT2_1 24114	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT2_2 24115	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT2_3 24116	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT2_4 24117	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00

GOWANUS_GT2_5 24118	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT2_6 24119	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT2_7 24120	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT2_8 24121	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT3_1 24122	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.13 3.00 0.00	56.88 2.08 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.17 1.34 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT3_2 24123	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.13 3.00 0.00	56.88 2.08 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.17 1.34 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT3_3 24124	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.13 3.00 0.00	56.88 2.08 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.17 1.34 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT3_4 24125	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.13 3.00 0.00	56.88 2.08 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.17 1.34 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT3_5 24126	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.13 3.00 0.00	56.88 2.08 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.17 1.34 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT3_6 24127	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.13 3.00 0.00	56.88 2.08 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.17 1.34 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT3_7 24128	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.13 3.00 0.00	56.88 2.08 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.17 1.34 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT3_8 24129	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.63 1.66 0.00	34.06 1.74 0.00	35.39 1.68 0.00	38.07 2.26 0.00	42.09 2.42 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.13 3.00 0.00	56.88 2.08 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.17 1.34 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
GOWANUS_GT4_1 24130	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.18 3.05 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT4_2 24131	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.18 3.05 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT4_3 24132	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.18 3.05 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00

GOWANUS_GT4_4 24133	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.18 3.05 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT4_5 24134	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.18 3.05 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT4_6 24135	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.18 3.05 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT4_7 24136	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.18 3.05 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GOWANUS_GT4_8 24137	44.39 2.55 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.79 1.82 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.18 3.05 0.00	57.10 2.30 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.51 1.68 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GREENBSH_115KV_TB3 55895	42.09 0.25 0.00	38.74 0.46 0.00	35.85 0.49 0.00	34.03 0.50 0.00	33.41 0.40 0.00	34.52 0.38 0.00	33.90 0.20 0.00	35.31 0.11 0.00	31.70 0.00 0.00	31.94 -0.03 0.00	32.31 0.00 0.00	33.67 -0.03 0.00	35.78 -0.04 0.00	39.59 -0.08 0.00	42.29 -0.08 0.00	43.61 -0.04 0.00	48.93 -0.20 0.00	54.64 -0.16 0.00	57.14 -0.29 0.00	58.49 -0.23 0.00	55.95 0.11 0.00	50.35 0.05 0.00	45.99 0.05 0.00	40.16 0.24 0.00
GREENDGE_115KV_TB5 80291	41.75 -0.08 0.00	38.16 -0.11 0.00	35.00 -0.35 0.00	33.13 -0.40 0.00	32.61 -0.40 0.00	33.74 -0.41 0.00	33.26 -0.44 0.00	34.68 -0.53 0.00	31.29 -0.41 0.00	31.46 -0.51 0.00	31.73 -0.58 0.00	33.24 -0.47 0.00	35.39 -0.43 0.00	39.51 -0.16 0.00	42.04 -0.34 0.00	43.39 -0.26 0.00	48.74 -0.39 0.00	54.97 0.16 0.00	57.90 0.06 -0.42	59.21 0.00 -0.48	55.89 -0.45 -0.49	50.52 -0.20 -0.42	46.29 0.05 -0.31	39.79 -0.16 -0.03
GREENIDGE___3 23582	41.75 -0.08 0.00	38.16 -0.11 0.00	35.00 -0.35 0.00	33.13 -0.40 0.00	32.61 -0.40 0.00	33.74 -0.41 0.00	33.26 -0.44 0.00	34.68 -0.53 0.00	31.29 -0.41 0.00	31.46 -0.51 0.00	31.73 -0.58 0.00	33.24 -0.47 0.00	35.39 -0.43 0.00	39.51 -0.16 0.00	42.04 -0.34 0.00	43.39 -0.26 0.00	48.74 -0.39 0.00	54.97 0.16 0.00	57.90 0.06 -0.42	59.21 0.00 -0.48	55.89 -0.45 -0.49	50.52 -0.20 -0.42	46.29 0.05 -0.31	39.79 -0.16 -0.03
GREENIDGE___4 23583	41.75 -0.08 0.00	38.13 -0.15 0.00	34.96 -0.39 0.00	33.16 -0.37 0.00	32.58 -0.43 0.00	33.80 -0.34 0.00	33.22 -0.47 0.00	34.61 -0.60 0.00	31.19 -0.51 0.00	31.49 -0.48 0.00	31.80 -0.52 0.00	33.27 -0.44 0.00	35.42 -0.39 0.00	39.51 -0.16 0.00	42.17 -0.21 0.00	43.39 -0.26 0.00	48.73 -0.39 0.00	54.91 0.11 0.00	57.96 0.12 -0.42	59.27 0.06 -0.48	56.56 0.22 -0.49	50.62 -0.10 -0.42	46.29 0.05 -0.31	39.79 -0.16 -0.03
GREENLWN_69_KV_BK 3 55738	44.97 3.14 0.00	41.03 2.76 0.00	37.69 2.33 0.00	35.47 1.94 0.00	35.12 2.11 0.00	35.96 1.81 0.00	35.18 1.48 0.00	37.14 1.94 0.00	33.79 2.09 0.00	36.86 2.78 -2.11	38.07 2.62 -3.14	42.55 2.63 -6.21	46.09 3.01 -7.26	47.77 3.13 -4.97	48.46 3.31 -2.78	49.26 3.45 -2.16	49.53 3.44 3.04	48.95 3.34 9.19	50.44 2.58 9.57	54.39 2.06 6.39	53.30 2.12 4.66	50.55 1.26 1.01	48.24 2.30 0.00	42.56 2.64 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.83 1.85 0.00	34.22 1.91 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.12 2.46 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.18 3.05 0.00	57.16 2.36 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.56 1.73 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00
GRISSOM___SOLAR 323813	43.89 2.05 0.00	40.19 1.91 0.00	37.08 1.73 0.00	35.14 1.61 0.00	34.59 1.58 0.00	35.68 1.54 0.00	34.97 1.28 0.00	35.91 0.70 0.00	31.54 -0.16 0.00	31.43 -0.54 0.00	31.63 -0.68 0.00	32.90 -0.81 0.00	34.96 -0.86 0.00	38.71 -0.95 0.00	41.57 -0.81 0.00	42.95 -0.70 0.00	48.73 -0.39 0.00	55.41 0.60 0.00	59.49 2.06 0.00	61.96 3.23 0.00	58.96 3.13 0.00	52.97 2.66 0.00	48.24 2.30 0.00	41.76 1.84 0.00
GROVEVILLE___HYD 323602	44.14 2.30 0.00	40.38 2.11 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.75 1.60 0.00	35.08 1.38 0.00	36.76 1.55 0.00	33.22 1.52 0.00	33.57 1.60 0.00	33.93 1.62 0.00	35.39 1.69 0.00	37.75 1.93 0.00	41.89 2.22 0.00	44.84 2.46 0.00	46.27 2.62 0.00	52.03 2.90 0.00	57.71 2.90 0.00	60.07 2.64 0.00	61.14 2.41 0.00	58.35 2.51 0.00	52.47 2.16 0.00	48.05 2.11 0.00	41.76 1.84 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.50 -0.33 0.00	38.05 -0.23 0.00	35.11 -0.25 0.00	33.26 -0.27 0.00	32.75 -0.26 0.00	33.87 -0.27 0.00	33.36 -0.34 0.00	34.86 -0.35 0.00	31.41 -0.29 0.00	31.65 -0.32 0.00	31.99 -0.32 0.00	33.44 -0.27 0.00	35.46 -0.36 0.00	39.39 -0.28 0.00	42.00 -0.38 0.00	43.26 -0.39 0.00	48.74 -0.39 0.00	54.64 -0.16 0.00	58.90 0.06 -1.42	60.49 0.12 -1.65	57.36 -0.17 -1.69	51.53 -0.20 -1.43	46.71 -0.28 -1.05	39.66 -0.36 -0.10
HAMLTNNY_34_KV_TB 80303	41.63 -0.21 0.00	38.16 -0.11 0.00	35.14 -0.21 0.00	33.29 -0.23 0.00	32.78 -0.23 0.00	33.91 -0.24 0.00	33.39 -0.30 0.00	34.89 -0.32 0.00	31.44 -0.25 0.00	31.68 -0.29 0.00	32.02 -0.29 0.00	33.47 -0.24 0.00	35.53 -0.29 0.00	39.51 -0.16 0.00	42.08 -0.30 0.00	43.35 -0.31 0.00	48.83 -0.29 0.00	54.86 0.05 0.00	59.14 0.29 -1.42	60.67 0.29 -1.65	57.53 0.00 -1.69	51.63 -0.10 -1.43	46.86 -0.14 -1.05	39.74 -0.28 -0.10

HAMPSHIRE___PAPER_HYD 323593	42.92 1.09 0.00	39.12 0.84 0.00	36.02 0.67 0.00	34.20 0.67 0.00	33.84 0.83 0.00	35.03 0.89 0.00	34.54 0.84 0.00	35.95 0.74 0.00	31.98 0.28 0.00	32.16 0.19 0.00	32.48 0.16 0.00	33.95 0.24 0.00	36.07 0.25 0.00	40.02 0.36 0.00	42.72 0.34 0.00	43.74 0.09 0.00	49.52 0.39 0.00	55.63 0.82 0.00	59.53 1.38 -0.73	61.92 2.35 -0.84	58.82 2.12 -0.86	53.14 2.11 -0.73	48.13 1.65 -0.54	41.29 1.32 -0.05
HARDSCRABBLE_WT_PWR 323673	42.30 0.46 0.00	38.74 0.46 0.00	35.81 0.46 0.00	33.96 0.43 0.00	33.44 0.43 0.00	34.56 0.41 0.00	34.00 0.30 0.00	35.52 0.32 0.00	31.89 0.19 0.00	32.16 0.19 0.00	32.48 0.16 0.00	33.91 0.20 0.00	36.03 0.22 0.00	39.95 0.28 0.00	42.63 0.26 0.00	43.91 0.26 0.00	49.52 0.39 0.00	55.29 0.49 0.00	57.94 0.52 0.00	59.49 0.76 0.00	56.51 0.67 0.00	50.91 0.61 0.00	46.40 0.46 0.00	40.17 0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.89 2.05 0.00	40.15 1.88 0.00	37.05 1.70 0.00	35.11 1.58 0.00	34.50 1.49 0.00	35.51 1.37 0.00	34.87 1.18 0.00	36.55 1.34 0.00	33.06 1.36 0.00	33.51 1.53 0.00	33.87 1.55 0.00	35.29 1.58 0.00	37.68 1.86 0.00	41.81 2.14 0.00	44.75 2.37 0.00	46.18 2.53 0.00	51.98 2.85 0.00	57.60 2.79 0.00	59.90 2.47 0.00	60.90 2.17 0.00	58.13 2.29 0.00	52.16 1.86 0.00	47.82 1.88 0.00	41.56 1.64 0.00
HARSNRAD_115KV_TB1 81005	40.33 -1.51 0.00	36.63 -1.65 0.00	33.34 -2.02 0.00	31.45 -2.08 0.00	30.96 -2.05 0.00	31.93 -2.22 0.00	31.54 -2.16 0.00	33.24 -1.97 0.00	30.65 -1.05 0.00	30.69 -1.28 0.00	30.93 -1.39 0.00	32.50 -1.21 0.00	34.71 -1.11 0.00	38.95 -0.71 0.00	41.28 -1.10 0.00	42.52 -1.13 0.00	47.56 -1.57 0.00	54.25 -0.55 0.00	57.20 -0.23 0.00	57.67 -1.06 0.00	53.21 -2.62 0.00	48.29 -2.01 0.00	44.24 -1.70 0.00	38.25 -1.68 0.00
HARZA MOOSE___RIVER 24016	43.22 1.38 0.00	39.54 1.26 0.00	36.41 1.06 0.00	34.60 1.07 0.00	34.13 1.12 0.00	35.24 1.09 0.00	34.64 0.94 0.00	36.09 0.88 0.00	32.11 0.41 0.00	32.26 0.29 0.00	32.57 0.26 0.00	34.01 0.30 0.00	36.14 0.32 0.00	40.18 0.52 0.00	42.84 0.47 0.00	43.91 0.26 0.00	49.82 0.69 0.00	55.95 1.15 0.00	59.84 1.84 -0.58	62.10 2.70 -0.67	58.92 2.40 -0.68	53.19 2.31 -0.58	48.20 1.84 -0.42	41.36 1.40 -0.04
HDSNBRDG_115KV_BRDG_TB1 355580	41.21 -0.63 0.00	37.78 -0.50 0.00	34.86 -0.49 0.00	33.03 -0.50 0.00	32.52 -0.50 0.00	33.60 -0.55 0.00	33.12 -0.57 0.00	34.61 -0.60 0.00	31.22 -0.48 0.00	31.49 -0.48 0.00	31.83 -0.48 0.00	33.27 -0.44 0.00	35.28 -0.54 0.00	39.15 -0.52 0.00	41.74 -0.64 0.00	43.00 -0.65 0.00	48.44 -0.69 0.00	54.31 -0.49 0.00	57.76 -0.34 0.00	59.10 -0.41 0.00	56.03 -0.61 0.00	50.33 -0.65 0.00	45.80 -0.64 0.00	39.29 -0.68 0.00
HELLGATE_13_KV_LD 55870	44.56 2.72 0.00	40.69 2.41 0.00	37.47 2.12 0.00	35.51 1.98 0.00	34.83 1.82 0.00	35.72 1.57 0.00	35.08 1.38 0.00	36.86 1.65 0.00	33.57 1.87 0.00	34.15 2.17 0.00	34.54 2.23 0.00	35.90 2.19 0.00	38.43 2.61 0.00	42.44 2.78 0.00	45.47 3.09 0.00	46.97 3.32 0.00	52.62 3.49 0.00	57.76 2.96 0.00	59.55 2.12 0.00	60.43 1.70 0.00	58.06 2.23 0.01	52.37 2.06 0.00	48.19 2.25 0.00	41.96 2.04 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.56 2.72 0.00	40.69 2.41 0.00	37.47 2.12 0.00	35.51 1.98 0.00	34.83 1.82 0.00	35.72 1.57 0.00	35.08 1.38 0.00	36.86 1.65 0.00	33.57 1.87 0.00	34.15 2.17 0.00	34.54 2.23 0.00	35.90 2.19 0.00	38.43 2.61 0.00	42.44 2.78 0.00	45.47 3.09 0.00	46.97 3.32 0.00	52.62 3.49 0.00	57.76 2.96 0.00	59.55 2.12 0.00	60.43 1.70 0.00	58.06 2.23 0.01	52.37 2.06 0.00	48.19 2.25 0.00	41.96 2.04 0.00
HEMPSTEAD____ 23647	44.60 2.76 0.00	40.73 2.45 0.00	37.40 2.05 0.00	35.21 1.68 0.00	34.56 1.55 0.00	35.51 1.37 0.00	34.84 1.15 0.00	36.79 1.59 0.00	33.50 1.81 0.00	36.35 2.27 -2.11	37.69 2.23 -3.14	42.15 2.22 -6.21	45.80 2.72 -7.26	47.62 2.98 -4.97	48.38 3.22 -2.78	49.30 3.49 -2.16	52.91 3.78 0.00	58.68 3.40 -0.48	60.27 2.87 0.03	60.66 2.29 0.36	57.87 2.29 0.26	52.31 2.06 0.06	48.19 2.25 0.00	42.20 2.27 0.00
HICKLING___1 23621	41.75 -0.08 0.00	38.20 -0.08 0.00	35.00 -0.35 0.00	33.16 -0.37 0.00	32.61 -0.40 0.00	33.74 -0.41 0.00	33.22 -0.47 0.00	34.64 -0.56 0.00	31.35 -0.35 0.00	31.56 -0.42 0.00	31.89 -0.42 0.00	33.47 -0.24 0.00	35.67 -0.14 0.00	39.86 0.20 0.00	42.38 0.00 0.00	43.74 0.09 0.00	49.23 0.10 0.00	55.73 0.93 0.00	59.28 1.44 -0.42	60.39 1.17 -0.49	56.62 0.28 -0.50	50.78 0.05 -0.42	46.21 -0.05 -0.31	39.83 -0.12 -0.03
HICKLING___2 23622	41.75 -0.08 0.00	38.20 -0.08 0.00	35.00 -0.35 0.00	33.16 -0.37 0.00	32.61 -0.40 0.00	33.74 -0.41 0.00	33.22 -0.47 0.00	34.64 -0.56 0.00	31.35 -0.35 0.00	31.56 -0.42 0.00	31.89 -0.42 0.00	33.47 -0.24 0.00	35.67 -0.14 0.00	39.86 0.20 0.00	42.38 0.00 0.00	43.74 0.09 0.00	49.23 0.10 0.00	55.73 0.93 0.00	59.28 1.44 -0.42	60.39 1.17 -0.49	56.62 0.28 -0.50	50.78 0.05 -0.42	46.21 -0.05 -0.31	39.83 -0.12 -0.03
HIGH FALLS___HY 23754	44.31 2.47 0.00	40.50 2.22 0.00	37.37 2.02 0.00	35.41 1.88 0.00	34.79 1.78 0.00	35.85 1.71 0.00	35.14 1.45 0.00	36.86 1.65 0.00	33.28 1.58 0.00	33.67 1.69 0.00	34.03 1.71 0.00	35.46 1.75 0.00	37.86 2.04 0.00	42.05 2.38 0.00	45.05 2.67 0.00	46.49 2.84 0.00	52.37 3.24 0.00	58.14 3.34 0.00	60.53 3.10 0.00	61.61 2.88 0.00	58.69 2.85 0.00	52.72 2.41 0.00	48.28 2.34 0.00	41.92 2.00 0.00
HIGH_RIVER___SOLAR 323847	43.26 1.42 0.00	39.62 1.34 0.00	36.62 1.27 0.00	34.67 1.14 0.00	34.13 1.12 0.00	35.24 1.09 0.00	34.57 0.87 0.00	35.77 0.56 0.00	31.73 0.03 0.00	31.71 -0.26 0.00	31.99 -0.32 0.00	33.27 -0.44 0.00	35.39 -0.43 0.00	39.11 -0.56 0.00	41.91 -0.47 0.00	43.35 -0.30 0.00	49.18 0.05 0.00	55.46 0.66 0.00	58.86 1.44 0.00	60.66 1.94 0.00	57.79 1.95 0.00	52.01 1.71 0.00	47.45 1.51 0.00	41.16 1.24 0.00
HILLBURN___GT 23639	43.85 2.01 0.00	40.11 1.84 0.00	36.98 1.63 0.00	34.97 1.44 0.00	34.30 1.29 0.00	35.34 1.19 0.00	34.70 1.01 0.00	36.51 1.30 0.00	33.09 1.39 0.00	33.47 1.50 0.00	33.90 1.58 0.00	35.29 1.58 0.00	37.86 2.04 0.00	41.93 2.26 0.00	44.84 2.46 0.00	46.36 2.71 0.00	52.13 3.00 0.00	57.43 2.63 0.00	59.73 2.30 0.00	60.66 1.94 0.00	57.79 1.95 0.00	52.01 1.71 0.00	47.73 1.79 0.00	41.52 1.60 0.00
HILLSIDE_115KV_TB1 80332	41.21 -0.63 0.00	37.70 -0.57 0.00	34.61 -0.74 0.00	32.79 -0.74 0.00	32.25 -0.76 0.00	33.36 -0.79 0.00	32.82 -0.88 0.00	34.29 -0.92 0.00	31.03 -0.67 0.00	31.27 -0.70 0.00	31.67 -0.65 0.00	33.17 -0.54 0.00	35.35 -0.47 0.00	39.47 -0.20 0.00	41.95 -0.42 0.00	43.35 -0.31 0.00	48.79 -0.34 0.00	55.13 0.33 0.00	58.50 0.63 -0.44	59.59 0.35 -0.51	55.86 -0.50 -0.53	50.09 -0.65 -0.44	45.63 -0.64 -0.33	39.36 -0.60 -0.03

HISHELDN_WT_PWR 323625	40.71 -1.13 0.00	37.17 -1.11 0.00	33.83 -1.52 0.00	32.12 -1.41 0.00	31.53 -1.48 0.00	32.61 -1.54 0.00	32.11 -1.58 0.00	33.45 -1.76 0.00	30.56 -1.14 0.00	30.95 -1.02 0.00	31.18 -1.13 0.00	32.70 -1.01 0.00	34.92 -0.89 0.00	39.15 -0.52 0.00	41.74 -0.63 0.00	42.87 -0.78 0.00	48.00 -1.13 0.00	54.69 -0.11 0.00	57.94 0.52 0.00	58.44 -0.29 0.00	54.78 -1.06 0.00	49.09 -1.21 0.00	44.70 -1.24 0.00	38.77 -1.16 0.00
HOLTSVILLE_IC_1 23690	45.18 3.35 0.00	41.38 3.10 0.00	37.97 2.62 0.00	35.64 2.11 0.00	34.99 1.98 0.00	36.02 1.88 0.00	35.31 1.62 0.00	37.36 2.15 0.00	34.08 2.38 0.00	37.12 3.04 -2.11	38.17 2.71 -3.14	42.58 2.66 -6.21	46.16 3.08 -7.26	48.01 3.37 -4.97	48.80 3.65 -2.78	49.74 3.93 -2.16	56.67 4.23 -3.31	65.93 3.78 -7.35	68.49 3.33 -7.73	63.13 2.65 -1.76	59.87 2.74 -1.30	53.03 2.46 -0.26	48.60 2.66 0.00	42.96 3.03 0.00
HOLTSVILLE_IC_10 23699	45.47 3.64 0.00	41.61 3.33 0.00	38.18 2.83 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.19 2.05 0.00	35.51 1.82 0.00	37.57 2.36 0.00	34.26 2.57 0.00	37.34 3.26 -2.11	38.40 2.94 -3.14	42.82 2.90 -6.21	46.44 3.37 -7.26	48.37 3.73 -4.97	49.19 4.03 -2.78	50.13 4.32 -2.16	58.14 4.72 -4.29	69.73 4.33 -10.60	71.99 3.91 -10.66	64.23 3.17 -2.34	60.80 3.24 -1.72	53.56 2.92 -0.35	48.97 3.03 0.00	43.24 3.31 0.00
HOLTSVILLE_IC_2 23691	45.18 3.35 0.00	41.38 3.10 0.00	37.97 2.62 0.00	35.64 2.11 0.00	34.99 1.98 0.00	36.02 1.88 0.00	35.31 1.62 0.00	37.36 2.15 0.00	34.08 2.38 0.00	37.12 3.04 -2.11	38.17 2.71 -3.14	42.58 2.66 -6.21	46.16 3.08 -7.26	48.01 3.37 -4.97	48.80 3.65 -2.78	49.74 3.93 -2.16	56.67 4.23 -3.31	65.93 3.78 -7.35	68.49 3.33 -7.73	63.13 2.65 -1.76	59.87 2.74 -1.30	53.03 2.46 -0.26	48.60 2.66 0.00	42.96 3.03 0.00
HOLTSVILLE_IC_3 23692	45.18 3.35 0.00	41.38 3.10 0.00	37.97 2.62 0.00	35.64 2.11 0.00	34.99 1.98 0.00	36.02 1.88 0.00	35.31 1.62 0.00	37.36 2.15 0.00	34.08 2.38 0.00	37.12 3.04 -2.11	38.17 2.71 -3.14	42.58 2.66 -6.21	46.16 3.08 -7.26	48.01 3.37 -4.97	48.80 3.65 -2.78	49.74 3.93 -2.16	56.67 4.23 -3.31	65.93 3.78 -7.35	68.49 3.33 -7.73	63.13 2.65 -1.76	59.87 2.74 -1.30	53.03 2.46 -0.26	48.60 2.66 0.00	42.96 3.03 0.00
HOLTSVILLE_IC_4 23693	45.18 3.35 0.00	41.38 3.10 0.00	37.97 2.62 0.00	35.64 2.11 0.00	34.99 1.98 0.00	36.02 1.88 0.00	35.31 1.62 0.00	37.36 2.15 0.00	34.08 2.38 0.00	37.12 3.04 -2.11	38.17 2.71 -3.14	42.58 2.66 -6.21	46.16 3.08 -7.26	48.01 3.37 -4.97	48.80 3.65 -2.78	49.74 3.93 -2.16	56.67 4.23 -3.31	65.93 3.78 -7.35	68.49 3.33 -7.73	63.13 2.65 -1.76	59.87 2.74 -1.30	53.03 2.46 -0.26	48.60 2.66 0.00	42.96 3.03 0.00
HOLTSVILLE_IC_5 23694	45.18 3.35 0.00	41.38 3.10 0.00	37.97 2.62 0.00	35.64 2.11 0.00	34.99 1.98 0.00	36.02 1.88 0.00	35.31 1.62 0.00	37.36 2.15 0.00	34.08 2.38 0.00	37.12 3.04 -2.11	38.17 2.71 -3.14	42.58 2.66 -6.21	46.16 3.08 -7.26	48.01 3.37 -4.97	48.80 3.65 -2.78	49.74 3.93 -2.16	56.67 4.23 -3.31	65.93 3.78 -7.35	68.49 3.33 -7.73	63.13 2.65 -1.76	59.87 2.74 -1.30	53.03 2.46 -0.26	48.60 2.66 0.00	42.96 3.03 0.00
HOLTSVILLE_IC_6 23695	45.47 3.64 0.00	41.61 3.33 0.00	38.18 2.83 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.19 2.05 0.00	35.51 1.82 0.00	37.57 2.36 0.00	34.26 2.57 0.00	37.34 3.26 -2.11	38.40 2.94 -3.14	42.82 2.90 -6.21	46.44 3.37 -7.26	48.37 3.73 -4.97	49.19 4.03 -2.78	50.13 4.32 -2.16	58.14 4.72 -4.29	69.73 4.33 -10.60	71.99 3.91 -10.66	64.23 3.17 -2.34	60.80 3.24 -1.72	53.56 2.92 -0.35	48.97 3.03 0.00	43.24 3.31 0.00
HOLTSVILLE_IC_7 23696	45.47 3.64 0.00	41.61 3.33 0.00	38.18 2.83 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.19 2.05 0.00	35.51 1.82 0.00	37.57 2.36 0.00	34.26 2.57 0.00	37.34 3.26 -2.11	38.40 2.94 -3.14	42.82 2.90 -6.21	46.44 3.37 -7.26	48.37 3.73 -4.97	49.19 4.03 -2.78	50.13 4.32 -2.16	58.14 4.72 -4.29	69.73 4.33 -10.60	71.99 3.91 -10.66	64.23 3.17 -2.34	60.80 3.24 -1.72	53.56 2.92 -0.35	48.97 3.03 0.00	43.24 3.31 0.00
HOLTSVILLE_IC_8 23697	45.47 3.64 0.00	41.61 3.33 0.00	38.18 2.83 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.19 2.05 0.00	35.51 1.82 0.00	37.57 2.36 0.00	34.26 2.57 0.00	37.34 3.26 -2.11	38.40 2.94 -3.14	42.82 2.90 -6.21	46.44 3.37 -7.26	48.37 3.73 -4.97	49.19 4.03 -2.78	50.13 4.32 -2.16	58.14 4.72 -4.29	69.73 4.33 -10.60	71.99 3.91 -10.66	64.23 3.17 -2.34	60.80 3.24 -1.72	53.56 2.92 -0.35	48.97 3.03 0.00	43.24 3.31 0.00
HOLTSVILLE_IC_9 23698	45.47 3.64 0.00	41.61 3.33 0.00	38.18 2.83 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.19 2.05 0.00	35.51 1.82 0.00	37.57 2.36 0.00	34.26 2.57 0.00	37.34 3.26 -2.11	38.40 2.94 -3.14	42.82 2.90 -6.21	46.44 3.37 -7.26	48.37 3.73 -4.97	49.19 4.03 -2.78	50.13 4.32 -2.16	58.14 4.72 -4.29	69.73 4.33 -10.60	71.99 3.91 -10.66	64.23 3.17 -2.34	60.80 3.24 -1.72	53.56 2.92 -0.35	48.97 3.03 0.00	43.24 3.31 0.00
HOMER_HL_115KV_TB2 355744	40.67 -1.17 0.00	37.21 -1.07 0.00	34.04 -1.31 0.00	32.19 -1.34 0.00	31.69 -1.32 0.00	32.71 -1.43 0.00	32.24 -1.45 0.00	33.66 -1.55 0.00	30.68 -1.01 0.00	31.04 -0.93 0.00	31.51 -0.81 0.00	33.10 -0.61 0.00	35.35 -0.47 0.00	39.63 -0.04 0.00	42.08 -0.30 0.00	43.56 -0.09 0.00	48.98 -0.15 0.00	55.84 1.04 0.00	58.86 1.44 0.00	59.37 0.65 0.00	54.94 -0.89 0.00	49.10 -1.21 0.00	44.70 -1.24 0.00	38.89 -1.04 0.00
HOWARD_WT_PWR 323690	41.92 0.08 0.00	38.28 0.00 0.00	34.96 -0.39 0.00	33.16 -0.37 0.00	32.58 -0.43 0.00	33.77 -0.37 0.00	33.19 -0.50 0.00	34.40 -0.81 0.00	31.09 -0.60 0.00	31.36 -0.61 0.00	31.63 -0.68 0.00	33.17 -0.54 0.00	35.42 -0.39 0.00	39.63 -0.04 0.00	42.21 -0.17 0.00	43.48 -0.17 0.00	48.89 -0.24 0.00	55.57 0.77 0.00	59.38 1.67 -0.28	60.46 1.41 -0.33	57.01 0.84 -0.34	50.89 0.30 -0.28	46.24 0.09 -0.21	39.86 -0.08 -0.02
HQ_GEN_CEDARS 23644	42.26 0.42 0.00	38.39 0.11 0.00	35.46 0.11 0.00	33.60 0.07 0.00	33.21 0.20 0.00	34.49 0.34 0.00	34.20 0.51 0.00	35.59 0.39 0.00	31.98 0.29 0.00	32.23 0.26 0.00	32.57 0.26 0.00	33.98 0.27 0.00	36.14 0.32 0.00	39.98 0.32 0.00	42.72 0.34 0.00	43.91 0.26 0.00	49.47 0.34 0.00	54.97 0.16 0.00	57.77 0.34 0.00	59.43 0.70 0.00	56.45 0.61 0.00	51.01 0.70 0.00	46.49 0.55 0.00	40.52 0.60 0.00
HQ_GEN_CEDARS_PROXY 323590	42.26 0.42 0.00	38.39 0.12 0.00	35.46 0.11 0.00	33.60 0.07 0.00	33.21 0.20 0.00	34.45 0.31 0.00	34.17 0.47 0.00	33.85 0.39 1.74	33.73 0.28 -1.74	32.23 0.25 0.00	32.57 0.26 0.00	33.98 0.27 0.00	36.14 0.32 0.00	39.98 0.32 0.00	42.72 0.34 0.00	43.91 0.26 0.00	49.48 0.35 0.00	55.19 0.39 0.00	57.77 0.35 0.00	59.44 0.71 0.00	56.45 0.62 0.00	51.01 0.70 0.00	46.49 0.55 0.00	40.52 0.60 0.00

HQ_GEN_CHPE_PROXY 323851	44.31 2.47 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.94 1.25 0.00	35.05 1.59 1.74	35.22 1.77 -1.74	33.92 1.95 0.00	34.32 2.00 0.00	35.66 1.95 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.34 2.97 0.00	46.88 3.23 0.00	55.00 3.44 -2.43	55.00 2.63 2.43	59.49 2.06 0.00	60.37 1.64 0.00	55.00 1.90 2.74	55.00 1.96 -2.74	48.15 2.21 0.00	41.84 1.92 0.00
HQ_GEN_IMPORT 323601	41.92 0.08 0.00	38.24 -0.04 0.00	35.28 -0.07 0.00	33.46 -0.07 0.00	33.01 0.00 0.00	34.18 0.03 0.00	33.86 0.17 0.00	33.64 0.18 1.74	33.57 0.13 -1.74	32.10 0.13 0.00	32.44 0.13 0.00	33.84 0.14 0.00	35.96 0.14 0.00	39.83 0.16 0.00	42.55 0.17 0.00	43.78 0.13 0.00	49.33 0.20 0.00	55.02 0.22 0.00	57.60 0.17 0.00	58.96 0.24 0.00	56.06 0.22 0.00	50.56 0.25 0.00	46.17 0.23 0.00	40.17 0.24 0.00
HQ_GEN_WHEEL 23651	41.92 0.08 0.00	38.24 -0.04 0.00	35.28 -0.07 0.00	33.46 -0.07 0.00	33.01 0.00 0.00	34.18 0.03 0.00	33.86 0.17 0.00	33.64 0.18 1.74	33.57 0.13 -1.74	32.10 0.13 0.00	32.44 0.13 0.00	33.84 0.14 0.00	35.96 0.14 0.00	39.83 0.16 0.00	42.55 0.17 0.00	43.78 0.13 0.00	49.33 0.20 0.00	55.02 0.22 0.00	57.60 0.17 0.00	58.96 0.24 0.00	56.06 0.22 0.00	50.56 0.25 0.00	46.17 0.23 0.00	40.17 0.24 0.00
HUDSON_AVE_GT_3 23810	44.39 2.55 0.00	40.57 2.30 0.00	37.40 2.05 0.00	35.44 1.91 0.00	34.76 1.75 0.00	35.75 1.60 0.00	35.14 1.45 0.00	36.97 1.76 0.00	33.63 1.93 0.00	34.21 2.24 0.00	34.54 2.23 0.00	35.93 2.22 0.00	38.43 2.61 0.00	42.48 2.82 0.00	45.51 3.14 0.00	46.97 3.32 0.00	52.77 3.64 0.00	57.93 3.12 0.00	59.78 2.35 0.00	60.67 1.94 0.00	58.24 2.40 0.00	52.52 2.21 0.00	48.24 2.30 0.00	41.96 2.04 0.00
HUDSON_AVE_GT_4 23540	44.39 2.55 0.00	40.57 2.30 0.00	37.40 2.05 0.00	35.44 1.91 0.00	34.76 1.75 0.00	35.75 1.60 0.00	35.14 1.45 0.00	36.97 1.76 0.00	33.63 1.93 0.00	34.21 2.24 0.00	34.54 2.23 0.00	35.93 2.22 0.00	38.43 2.61 0.00	42.48 2.82 0.00	45.51 3.14 0.00	46.97 3.32 0.00	52.77 3.64 0.00	57.93 3.12 0.00	59.78 2.35 0.00	60.67 1.94 0.00	58.24 2.40 0.00	52.52 2.21 0.00	48.24 2.30 0.00	41.96 2.04 0.00
HUDSON_AVE_GT_5 23657	44.39 2.55 0.00	40.57 2.30 0.00	37.40 2.05 0.00	35.44 1.91 0.00	34.76 1.75 0.00	35.75 1.60 0.00	35.14 1.45 0.00	36.97 1.76 0.00	33.63 1.93 0.00	34.21 2.24 0.00	34.54 2.23 0.00	35.93 2.22 0.00	38.43 2.61 0.00	42.48 2.82 0.00	45.51 3.14 0.00	46.97 3.32 0.00	52.77 3.64 0.00	57.93 3.12 0.00	59.78 2.35 0.00	60.67 1.94 0.00	58.24 2.40 0.00	52.52 2.21 0.00	48.24 2.30 0.00	41.96 2.04 0.00
HUDSON_AVE_10 24168	44.26 2.43 0.00	40.46 2.18 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.63 1.62 0.00	35.65 1.50 0.00	35.04 1.35 0.00	36.90 1.69 0.00	33.57 1.87 0.00	34.15 2.17 0.00	34.45 2.13 0.00	35.83 2.12 0.00	38.32 2.51 0.00	42.40 2.74 0.00	45.39 3.01 0.00	46.84 3.19 0.00	52.62 3.49 0.00	57.76 2.96 0.00	59.55 2.12 0.00	60.49 1.76 0.00	58.07 2.23 0.00	52.37 2.06 0.00	48.15 2.21 0.00	41.84 1.92 0.00
HUDSON___115KV_TB 4 355613	43.05 1.21 0.00	39.58 1.30 0.00	36.63 1.27 0.00	34.74 1.21 0.00	34.13 1.12 0.00	35.20 1.06 0.00	34.54 0.84 0.00	35.84 0.63 0.00	31.98 0.29 0.00	32.13 0.16 0.00	32.44 0.13 0.00	33.81 0.10 0.00	35.92 0.11 0.00	39.82 0.16 0.00	42.59 0.21 0.00	43.96 0.31 0.00	49.42 0.29 0.00	55.51 0.71 0.00	58.40 0.98 0.00	60.02 1.29 0.00	57.29 1.45 0.00	51.56 1.26 0.00	47.04 1.10 0.00	41.00 1.08 0.00
HUNTER MOUNT___DRP 323613	43.30 1.46 0.00	39.73 1.45 0.00	36.77 1.41 0.00	34.90 1.37 0.00	34.30 1.29 0.00	35.38 1.23 0.00	34.67 0.98 0.00	35.95 0.74 0.00	32.01 0.32 0.00	32.10 0.13 0.00	32.38 0.06 0.00	33.78 0.07 0.00	35.85 0.04 0.00	39.78 0.12 0.00	42.59 0.21 0.00	43.96 0.31 0.00	49.47 0.34 0.00	55.62 0.82 0.00	58.69 1.26 0.00	60.31 1.59 0.00	57.57 1.73 0.00	51.76 1.46 0.00	47.23 1.29 0.00	41.16 1.24 0.00
HUNTINGTON_RES_REC 323705	45.22 3.39 0.00	41.34 3.06 0.00	37.93 2.58 0.00	35.61 2.08 0.00	34.92 1.91 0.00	35.92 1.77 0.00	35.24 1.55 0.00	37.25 2.04 0.00	33.98 2.28 0.00	37.02 2.94 -2.11	38.20 2.75 -3.14	42.65 2.73 -6.21	46.34 3.26 -7.26	48.13 3.49 -4.97	48.89 3.73 -2.78	49.78 3.97 -2.16	69.47 4.27 -16.06	104.81 3.89 -46.12	105.21 3.33 -44.46	71.08 2.65 -9.71	65.63 2.62 -7.16	54.02 2.27 -1.45	48.56 2.62 0.00	42.96 3.03 0.00
HUNTLEY___63 23557	40.37 -1.46 0.00	37.13 -1.15 0.00	33.80 -1.56 0.00	31.85 -1.68 0.00	31.36 -1.65 0.00	32.34 -1.81 0.00	31.94 -1.75 0.00	33.66 -1.55 0.00	31.03 -0.67 0.00	31.08 -0.90 0.00	31.22 -1.10 0.00	32.76 -0.94 0.00	35.03 -0.79 0.00	39.35 -0.32 0.00	41.62 -0.76 0.00	42.91 -0.74 0.00	47.95 -1.18 0.00	54.75 -0.05 0.00	57.71 0.29 0.00	58.08 -0.65 0.00	53.60 -2.23 0.00	48.64 -1.66 0.00	44.61 -1.33 0.00	38.69 -1.24 0.00
HUNTLEY___64 23558	40.37 -1.46 0.00	37.13 -1.15 0.00	33.80 -1.56 0.00	31.85 -1.68 0.00	31.36 -1.65 0.00	32.34 -1.81 0.00	31.94 -1.75 0.00	33.66 -1.55 0.00	31.03 -0.67 0.00	31.08 -0.90 0.00	31.22 -1.10 0.00	32.76 -0.94 0.00	35.03 -0.79 0.00	39.35 -0.32 0.00	41.62 -0.76 0.00	42.91 -0.74 0.00	47.95 -1.18 0.00	54.75 -0.05 0.00	57.71 0.29 0.00	58.08 -0.65 0.00	53.60 -2.23 0.00	48.64 -1.66 0.00	44.61 -1.33 0.00	38.69 -1.24 0.00
HUNTLEY___65 23559	40.37 -1.46 0.00	37.13 -1.15 0.00	33.80 -1.56 0.00	31.85 -1.68 0.00	31.36 -1.65 0.00	32.34 -1.81 0.00	31.94 -1.75 0.00	33.66 -1.55 0.00	31.03 -0.67 0.00	31.08 -0.90 0.00	31.22 -1.10 0.00	32.76 -0.94 0.00	35.03 -0.79 0.00	39.35 -0.32 0.00	41.62 -0.76 0.00	42.91 -0.74 0.00	47.95 -1.18 0.00	54.75 -0.05 0.00	57.71 0.29 0.00	58.08 -0.65 0.00	53.60 -2.23 0.00	48.64 -1.66 0.00	44.61 -1.33 0.00	38.69 -1.24 0.00
HUNTLEY___66 23560	40.37 -1.46 0.00	37.13 -1.15 0.00	33.80 -1.56 0.00	31.85 -1.68 0.00	31.36 -1.65 0.00	32.34 -1.81 0.00	31.94 -1.75 0.00	33.66 -1.55 0.00	31.03 -0.67 0.00	31.08 -0.90 0.00	31.22 -1.10 0.00	32.76 -0.94 0.00	35.03 -0.79 0.00	39.35 -0.32 0.00	41.62 -0.76 0.00	42.91 -0.74 0.00	47.95 -1.18 0.00	54.75 -0.05 0.00	57.71 0.29 0.00	58.08 -0.65 0.00	53.60 -2.23 0.00	48.64 -1.66 0.00	44.61 -1.33 0.00	38.69 -1.24 0.00
HUNTLEY___67 23561	40.25 -1.59 0.00	36.82 -1.45 0.00	33.55 -1.80 0.00	31.65 -1.88 0.00	31.16 -1.85 0.00	32.13 -2.01 0.00	31.74 -1.95 0.00	33.41 -1.80 0.00	30.81 -0.89 0.00	30.92 -1.06 0.00	31.15 -1.16 0.00	32.73 -0.98 0.00	34.96 -0.86 0.00	39.23 -0.44 0.00	41.57 -0.81 0.00	42.82 -0.83 0.00	47.90 -1.23 0.00	54.58 -0.22 0.00	57.54 0.11 0.00	57.97 -0.76 0.00	53.55 -2.29 0.00	48.54 -1.76 0.00	44.47 -1.47 0.00	38.49 -1.44 0.00

HUNTLEY___68 23562	40.25 -1.59 0.00	36.82 -1.45 0.00	33.55 -1.80 0.00	31.65 -1.88 0.00	31.16 -1.85 0.00	32.13 -2.01 0.00	31.74 -1.95 0.00	33.41 -1.80 0.00	30.81 -0.89 0.00	30.92 -1.06 0.00	31.15 -1.16 0.00	32.73 -0.98 0.00	34.96 -0.86 0.00	39.23 -0.44 0.00	41.57 -0.81 0.00	42.82 -0.83 0.00	47.90 -1.23 0.00	54.58 -0.22 0.00	57.54 0.11 0.00	57.97 -0.76 0.00	53.55 -2.29 0.00	48.54 -1.76 0.00	44.47 -1.47 0.00	38.49 -1.44 0.00
HYLAND___LFGE 323620	43.39 1.55 0.00	39.50 1.22 0.00	35.99 0.64 0.00	34.10 0.57 0.00	33.57 0.56 0.00	34.76 0.62 0.00	34.17 0.47 0.00	35.28 0.07 0.00	31.63 -0.06 0.00	31.59 -0.38 0.00	31.60 -0.71 0.00	33.10 -0.61 0.00	35.31 -0.50 0.00	39.43 -0.24 0.00	42.04 -0.34 0.00	43.35 -0.30 0.00	48.93 -0.20 0.00	56.22 1.42 0.00	60.52 3.10 0.00	62.31 3.58 0.00	58.80 2.96 0.00	52.77 2.46 0.00	47.87 1.93 0.00	41.12 1.20 0.00
INDECK___CORINTH 23802	42.88 1.05 0.00	39.39 1.11 0.00	36.38 1.03 0.00	34.40 0.87 0.00	33.90 0.89 0.00	34.96 0.82 0.00	34.33 0.64 0.00	35.63 0.42 0.00	31.73 0.03 0.00	31.78 -0.19 0.00	31.83 -0.48 0.00	33.17 -0.54 0.00	35.21 -0.61 0.00	38.79 -0.87 0.00	41.53 -0.85 0.00	42.82 -0.83 0.00	48.34 -0.79 0.00	54.53 -0.27 0.00	58.06 0.63 0.00	59.96 1.24 0.00	57.51 1.67 0.00	51.71 1.41 0.00	47.13 1.19 0.00	40.84 0.92 0.00
INDECK___ILION 23567	42.13 0.29 0.00	38.62 0.34 0.00	35.67 0.32 0.00	33.86 0.34 0.00	33.31 0.30 0.00	34.42 0.27 0.00	33.90 0.20 0.00	35.42 0.21 0.00	31.82 0.13 0.00	32.10 0.13 0.00	32.41 0.10 0.00	33.84 0.13 0.00	35.96 0.14 0.00	39.82 0.16 0.00	42.55 0.17 0.00	43.83 0.17 0.00	49.38 0.25 0.00	55.19 0.38 0.00	57.77 0.34 0.00	59.20 0.47 0.00	56.28 0.45 0.00	50.71 0.40 0.00	46.26 0.32 0.00	40.12 0.20 0.00
INDECK___OLEAN 23982	40.67 -1.17 0.00	37.13 -1.15 0.00	33.94 -1.42 0.00	32.22 -1.31 0.00	31.63 -1.39 0.00	32.74 -1.40 0.00	32.18 -1.52 0.00	33.45 -1.76 0.00	30.49 -1.20 0.00	31.04 -0.93 0.00	31.51 -0.81 0.00	33.07 -0.64 0.00	35.39 -0.43 0.00	39.63 -0.04 0.00	42.25 -0.13 0.00	43.61 -0.04 0.00	48.93 -0.20 0.00	55.73 0.93 0.00	58.98 1.55 0.00	59.38 0.65 0.00	55.45 -0.39 0.00	49.20 -1.11 0.00	44.70 -1.24 0.00	38.89 -1.04 0.00
INDECK___OSWEGO 23783	41.13 -0.71 0.00	37.74 -0.54 0.00	34.86 -0.49 0.00	33.13 -0.40 0.00	32.58 -0.43 0.00	33.70 -0.44 0.00	33.15 -0.54 0.00	34.61 -0.60 0.00	31.13 -0.57 0.00	31.40 -0.57 0.00	31.70 -0.61 0.00	33.14 -0.57 0.00	35.03 -0.79 0.00	38.87 -0.79 0.00	41.45 -0.93 0.00	42.65 -1.00 0.00	48.10 -1.03 0.00	53.87 -0.93 0.00	60.69 -0.63 -3.89	62.70 -0.53 -4.50	59.90 -0.56 -4.62	53.65 -0.55 -3.90	48.17 -0.64 -2.87	39.47 -0.72 -0.26
INDECK___YERKES 23781	40.41 -1.42 0.00	37.05 -1.23 0.00	33.69 -1.66 0.00	31.95 -1.58 0.00	31.36 -1.65 0.00	32.44 -1.71 0.00	31.94 -1.75 0.00	33.41 -1.79 0.00	30.75 -0.95 0.00	31.17 -0.80 0.00	31.31 -1.00 0.00	32.80 -0.91 0.00	35.06 -0.75 0.00	39.39 -0.28 0.00	41.91 -0.47 0.00	42.95 -0.70 0.00	48.00 -1.13 0.00	54.75 -0.05 0.00	57.88 0.46 0.00	58.14 -0.59 0.00	54.33 -1.51 0.00	48.84 -1.46 0.00	44.65 -1.29 0.00	38.73 -1.20 0.00
INDIAN POINT_GT_1 24139	43.85 2.01 0.00	40.15 1.88 0.00	37.05 1.70 0.00	35.07 1.54 0.00	34.43 1.42 0.00	35.48 1.33 0.00	34.84 1.15 0.00	36.58 1.37 0.00	33.19 1.49 0.00	33.67 1.69 0.00	34.03 1.71 0.00	35.43 1.72 0.00	37.86 2.04 0.00	41.89 2.22 0.00	44.84 2.46 0.00	46.31 2.66 0.00	52.03 2.90 0.00	57.49 2.69 0.00	59.61 2.18 0.00	60.55 1.82 0.00	57.96 2.12 0.00	52.06 1.76 0.00	47.78 1.84 0.00	41.56 1.64 0.00
INDIAN POINT_GT_2 23659	43.85 2.01 0.00	40.15 1.88 0.00	37.05 1.70 0.00	35.07 1.54 0.00	34.43 1.42 0.00	35.48 1.33 0.00	34.84 1.15 0.00	36.58 1.37 0.00	33.19 1.49 0.00	33.67 1.69 0.00	34.03 1.71 0.00	35.43 1.72 0.00	37.86 2.04 0.00	41.89 2.22 0.00	44.84 2.46 0.00	46.31 2.66 0.00	52.03 2.90 0.00	57.49 2.69 0.00	59.61 2.18 0.00	60.55 1.82 0.00	57.96 2.12 0.00	52.06 1.76 0.00	47.78 1.84 0.00	41.56 1.64 0.00
INDIAN POINT_GT_3 24019	43.85 2.01 0.00	40.15 1.88 0.00	37.05 1.70 0.00	35.07 1.54 0.00	34.43 1.42 0.00	35.48 1.33 0.00	34.84 1.15 0.00	36.58 1.37 0.00	33.19 1.49 0.00	33.67 1.69 0.00	34.03 1.71 0.00	35.43 1.72 0.00	37.86 2.04 0.00	41.89 2.22 0.00	44.84 2.46 0.00	46.31 2.66 0.00	52.03 2.90 0.00	57.49 2.69 0.00	59.61 2.18 0.00	60.55 1.82 0.00	57.96 2.12 0.00	52.06 1.76 0.00	47.78 1.84 0.00	41.56 1.64 0.00
INDIAN POINT___2 23530	43.80 1.97 0.00	40.11 1.84 0.00	36.98 1.63 0.00	34.94 1.41 0.00	34.30 1.29 0.00	35.31 1.16 0.00	34.70 1.01 0.00	36.47 1.27 0.00	33.09 1.39 0.00	33.51 1.53 0.00	33.90 1.58 0.00	35.29 1.58 0.00	37.82 2.00 0.00	41.89 2.22 0.00	44.79 2.41 0.00	46.31 2.66 0.00	52.03 2.90 0.00	57.27 2.47 0.00	59.55 2.13 0.00	60.49 1.76 0.00	57.68 1.84 0.00	51.96 1.66 0.00	47.69 1.75 0.00	41.48 1.56 0.00
INDIAN POINT___3 23531	43.80 1.97 0.00	40.08 1.80 0.00	36.98 1.63 0.00	35.04 1.51 0.00	34.40 1.39 0.00	35.44 1.30 0.00	34.81 1.11 0.00	36.55 1.34 0.00	33.12 1.43 0.00	33.63 1.66 0.00	33.99 1.68 0.00	35.39 1.69 0.00	37.82 2.01 0.00	41.85 2.18 0.00	44.79 2.42 0.00	46.27 2.62 0.00	52.03 2.90 0.00	57.43 2.63 0.00	59.49 2.07 0.00	60.49 1.76 0.00	57.85 2.01 0.00	52.01 1.71 0.00	47.69 1.75 0.00	41.48 1.56 0.00
INDIANHD_69_KV_BK1 55831	45.39 3.56 0.00	41.42 3.14 0.00	38.07 2.72 0.00	35.81 2.28 0.00	35.45 2.44 0.00	36.30 2.15 0.00	35.51 1.82 0.00	37.50 2.29 0.00	34.14 2.44 0.00	37.31 3.23 -2.11	38.43 2.97 -3.14	42.92 3.00 -6.21	46.48 3.40 -7.26	48.33 3.69 -4.97	49.14 3.98 -2.78	50.00 4.19 -2.16	67.11 4.42 -13.56	97.74 4.38 -38.55	98.37 3.68 -37.27	70.05 3.17 -8.15	65.03 3.18 -6.01	53.73 2.21 -1.22	48.88 2.94 0.00	42.96 3.03 0.00
INGHAM_C_115KV_TB7 356103	42.34 0.50 0.00	38.78 0.50 0.00	35.81 0.46 0.00	34.00 0.47 0.00	33.47 0.46 0.00	34.59 0.44 0.00	34.03 0.34 0.00	35.56 0.35 0.00	31.92 0.22 0.00	32.16 0.19 0.00	32.51 0.19 0.00	33.91 0.20 0.00	36.03 0.21 0.00	39.94 0.28 0.00	42.68 0.30 0.00	43.91 0.26 0.00	49.52 0.39 0.00	55.35 0.55 0.00	58.00 0.57 0.00	59.55 0.82 0.00	56.56 0.73 0.00	51.01 0.70 0.00	46.45 0.51 0.00	40.24 0.32 0.00
IP CORINTH___1 23988	43.09 1.26 0.00	39.58 1.30 0.00	36.59 1.24 0.00	34.67 1.14 0.00	34.10 1.09 0.00	35.20 1.06 0.00	34.57 0.88 0.00	35.84 0.63 0.00	31.89 0.19 0.00	32.00 0.03 0.00	32.06 -0.26 0.00	33.41 -0.30 0.00	35.42 -0.39 0.00	38.99 -0.67 0.00	41.74 -0.64 0.00	43.08 -0.57 0.00	48.59 -0.54 0.00	54.86 0.05 0.00	58.40 0.98 0.00	60.31 1.59 0.00	57.90 2.07 0.00	52.01 1.71 0.00	47.41 1.47 0.00	41.08 1.16 0.00

IP__TICONDEROGA 23804	44.97 3.14 0.00	41.22 2.95 0.00	38.11 2.76 0.00	36.08 2.55 0.00	35.55 2.54 0.00	36.60 2.46 0.00	35.88 2.19 0.00	36.90 1.69 0.00	32.59 0.89 0.00	32.64 0.67 0.00	32.64 0.32 0.00	34.05 0.34 0.00	36.07 0.25 0.00	39.78 0.12 0.00	42.63 0.25 0.00	44.00 0.35 0.00	49.77 0.64 0.00	56.72 1.92 0.00	60.81 3.39 0.00	63.31 4.58 0.00	60.75 4.91 0.00	54.48 4.18 0.00	49.57 3.63 0.00	42.84 2.91 0.00
ISLIP_RES_REC 323679	45.73 3.89 0.00	41.80 3.52 0.00	38.36 3.00 0.00	35.98 2.45 0.00	35.32 2.31 0.00	36.36 2.22 0.00	35.65 1.95 0.00	37.71 2.50 0.00	34.42 2.73 0.00	37.50 3.42 -2.11	38.56 3.10 -3.14	43.02 3.10 -6.21	46.66 3.58 -7.26	48.60 3.97 -4.97	49.48 4.32 -2.78	50.43 4.62 -2.16	58.09 5.11 -3.85	69.06 4.77 -9.50	71.31 4.36 -9.53	64.44 3.64 -2.07	60.99 3.63 -1.53	53.83 3.22 -0.31	49.20 3.26 0.00	43.40 3.47 0.00
JAMAICA__27_KV_LOAD 355505	44.51 2.68 0.00	40.65 2.37 0.00	37.44 2.09 0.00	35.47 1.94 0.00	34.79 1.78 0.00	35.85 1.71 0.00	35.24 1.55 0.00	37.14 1.94 0.00	33.82 2.12 0.00	34.47 2.49 0.00	34.64 2.33 0.00	36.00 2.29 0.00	38.57 2.76 0.00	42.64 2.97 0.00	45.68 3.31 0.00	47.10 3.45 0.00	52.91 3.78 0.00	58.20 3.40 0.00	59.95 2.53 0.00	60.84 2.11 0.00	58.46 2.62 0.00	52.57 2.26 0.00	48.47 2.53 0.00	42.12 2.20 0.00
JANIS__SOLAR 323808	43.47 1.63 0.00	39.77 1.49 0.00	36.59 1.24 0.00	34.74 1.21 0.00	34.20 1.19 0.00	35.37 1.23 0.00	34.67 0.98 0.00	36.05 0.84 0.00	31.95 0.25 0.00	31.94 -0.03 0.00	32.09 -0.22 0.00	33.54 -0.17 0.00	35.71 -0.11 0.00	39.75 0.08 0.00	42.38 0.00 0.00	43.74 0.09 0.00	49.77 0.64 0.00	56.50 1.70 0.00	60.88 2.76 -0.70	63.12 3.58 -0.81	59.73 3.07 -0.83	53.62 2.61 -0.70	48.52 2.07 -0.51	41.45 1.48 -0.05
JARVIS____ 23743	41.92 0.08 0.00	38.43 0.15 0.00	35.49 0.14 0.00	33.66 0.13 0.00	33.14 0.13 0.00	34.25 0.10 0.00	33.73 0.03 0.00	35.24 0.04 0.00	31.70 0.00 0.00	31.97 0.00 0.00	32.31 0.00 0.00	33.71 0.00 0.00	35.82 0.00 0.00	39.67 0.00 0.00	42.38 0.00 0.00	43.65 0.00 0.00	49.18 0.05 0.00	54.86 0.05 0.00	57.48 0.06 0.00	58.79 0.06 0.00	55.95 0.11 0.00	50.40 0.10 0.00	46.03 0.09 0.00	39.97 0.04 0.00
JENNISON__1 23625	44.05 2.22 0.00	40.34 2.07 0.00	37.08 1.73 0.00	35.21 1.68 0.00	34.69 1.68 0.00	35.82 1.67 0.00	35.08 1.38 0.00	36.58 1.37 0.00	32.46 0.76 0.00	32.48 0.51 0.00	32.73 0.42 0.00	34.25 0.54 0.00	36.53 0.72 0.00	40.82 1.15 0.00	43.40 1.02 0.00	44.70 1.05 0.00	50.95 1.82 0.00	57.82 3.01 0.00	61.82 3.85 -0.55	64.00 4.64 -0.64	60.23 3.74 -0.65	54.22 3.37 -0.55	49.06 2.71 -0.41	42.00 2.04 -0.04
JENNISON__2 23626	44.05 2.22 0.00	40.34 2.07 0.00	37.08 1.73 0.00	35.21 1.68 0.00	34.69 1.68 0.00	35.82 1.67 0.00	35.08 1.38 0.00	36.58 1.37 0.00	32.46 0.76 0.00	32.48 0.51 0.00	32.73 0.42 0.00	34.25 0.54 0.00	36.53 0.72 0.00	40.82 1.15 0.00	43.40 1.02 0.00	44.70 1.05 0.00	50.95 1.82 0.00	57.82 3.01 0.00	61.82 3.85 -0.55	64.00 4.64 -0.64	60.23 3.74 -0.65	54.22 3.37 -0.55	49.06 2.71 -0.41	42.00 2.04 -0.04
JERICHO_RISE_WT_PWR 323719	42.09 0.25 0.00	38.28 0.00 0.00	35.35 0.00 0.00	33.53 0.00 0.00	33.11 0.10 0.00	34.32 0.17 0.00	34.03 0.34 0.00	35.49 0.28 0.00	31.92 0.22 0.00	32.20 0.23 0.00	32.51 0.20 0.00	33.91 0.20 0.00	36.03 0.22 0.00	39.87 0.20 0.00	42.59 0.21 0.00	43.83 0.18 0.00	49.38 0.25 0.00	55.13 0.33 0.00	57.71 0.29 0.00	59.20 0.47 0.00	56.23 0.39 0.00	50.75 0.45 0.00	46.31 0.37 0.00	40.32 0.40 0.00
KATONAH__115KV_46KV_TB4 355592	44.10 2.26 0.00	40.34 2.07 0.00	37.23 1.87 0.00	35.27 1.74 0.00	34.63 1.62 0.00	35.65 1.50 0.00	35.01 1.31 0.00	36.79 1.58 0.00	33.38 1.68 0.00	33.83 1.85 0.00	34.16 1.84 0.00	35.56 1.85 0.00	38.00 2.18 0.00	42.09 2.42 0.00	45.05 2.67 0.00	46.49 2.84 0.00	52.18 3.05 0.00	57.76 2.96 0.00	60.01 2.58 0.00	61.02 2.29 0.00	58.35 2.51 0.00	52.42 2.11 0.00	48.05 2.11 0.00	41.76 1.84 0.00
KCE_NY_1 323755	43.34 1.50 0.00	39.77 1.49 0.00	36.77 1.42 0.00	34.77 1.24 0.00	34.23 1.22 0.00	35.31 1.16 0.00	34.70 1.01 0.00	36.09 0.88 0.00	32.20 0.51 0.00	32.32 0.35 0.00	32.54 0.23 0.00	33.91 0.20 0.00	36.03 0.22 0.00	39.87 0.20 0.00	42.68 0.30 0.00	44.04 0.39 0.00	49.62 0.49 0.00	55.73 0.93 0.00	58.86 1.44 0.00	60.55 1.82 0.00	57.91 2.07 0.00	52.11 1.81 0.00	47.55 1.61 0.00	41.28 1.36 0.00
KCE_NY_6_ESR 323823	40.62 -1.21 0.00	37.05 -1.23 0.00	33.69 -1.66 0.00	31.95 -1.58 0.00	31.36 -1.65 0.00	32.44 -1.71 0.00	31.94 -1.75 0.00	33.34 -1.87 0.00	30.65 -1.05 0.00	31.14 -0.83 0.00	31.35 -0.97 0.00	32.93 -0.77 0.00	35.21 -0.61 0.00	39.51 -0.16 0.00	42.08 -0.29 0.00	43.17 -0.48 0.00	48.29 -0.84 0.00	55.13 0.33 0.00	58.29 0.86 0.00	58.61 -0.12 0.00	54.72 -1.12 0.00	49.15 -1.15 0.00	44.75 -1.19 0.00	38.77 -1.16 0.00
KEDC_PORT_JEFF_GT2 24210	45.39 3.55 0.00	41.53 3.25 0.00	38.11 2.76 0.00	35.78 2.25 0.00	35.09 2.08 0.00	36.13 1.98 0.00	35.44 1.75 0.00	37.49 2.29 0.00	34.20 2.50 0.00	37.27 3.20 -2.11	38.33 2.87 -3.14	42.75 2.83 -6.21	46.37 3.29 -7.26	48.29 3.65 -4.97	49.10 3.94 -2.78	50.04 4.23 -2.16	58.86 4.57 -5.16	71.96 4.06 -13.11	74.11 3.56 -13.12	64.60 2.88 -3.00	61.06 3.01 -2.21	53.51 2.76 -0.45	48.84 2.90 0.00	43.12 3.20 0.00
KEDC_PORT_JEFF_GT3 24211	45.39 3.55 0.00	41.53 3.25 0.00	38.11 2.76 0.00	35.78 2.25 0.00	35.09 2.08 0.00	36.13 1.98 0.00	35.44 1.75 0.00	37.49 2.29 0.00	34.20 2.50 0.00	37.27 3.20 -2.11	38.33 2.87 -3.14	42.75 2.83 -6.21	46.37 3.29 -7.26	48.29 3.65 -4.97	49.10 3.94 -2.78	50.04 4.23 -2.16	58.86 4.57 -5.16	71.96 4.06 -13.11	74.11 3.56 -13.12	64.60 2.88 -3.00	61.06 3.01 -2.21	53.51 2.76 -0.45	48.84 2.90 0.00	43.12 3.20 0.00
KEDC_GLWD_GT4 24219	44.64 2.80 0.00	40.80 2.53 0.00	37.51 2.16 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.01 1.31 0.00	36.93 1.72 0.00	33.60 1.90 0.00	36.35 2.27 -2.11	37.75 2.29 -3.14	42.25 2.32 -6.21	45.91 2.83 -7.26	47.74 3.10 -4.97	48.55 3.39 -2.78	49.48 3.67 -2.16	53.11 3.98 0.00	58.74 3.45 -0.48	60.38 2.98 0.03	60.80 2.47 0.40	58.17 2.62 0.29	52.60 2.36 0.06	48.37 2.43 0.00	42.24 2.31 0.00
KEDC_GLWD_GT5 24220	44.64 2.80 0.00	40.80 2.53 0.00	37.51 2.16 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.01 1.31 0.00	36.93 1.72 0.00	33.60 1.90 0.00	36.35 2.27 -2.11	37.75 2.29 -3.14	42.25 2.32 -6.21	45.91 2.83 -7.26	47.74 3.10 -4.97	48.55 3.39 -2.78	49.48 3.67 -2.16	53.11 3.98 0.00	58.74 3.45 -0.48	60.38 2.98 0.03	60.80 2.47 0.40	58.17 2.62 0.29	52.60 2.36 0.06	48.37 2.43 0.00	42.24 2.31 0.00

KENSICO____ 23655	44.01 2.18 0.00	40.27 1.99 0.00	37.16 1.80 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.55 1.40 0.00	34.91 1.21 0.00	36.69 1.48 0.00	33.28 1.58 0.00	33.79 1.82 0.00	34.16 1.84 0.00	35.56 1.85 0.00	38.00 2.18 0.00	42.05 2.38 0.00	45.01 2.63 0.00	46.49 2.84 0.00	52.22 3.10 0.00	57.60 2.79 0.00	59.67 2.24 0.00	60.67 1.94 0.00	58.07 2.23 0.00	52.21 1.91 0.00	47.92 1.98 0.00	41.68 1.76 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.26 2.43 0.00	40.46 2.18 0.00	37.33 1.98 0.00	35.37 1.84 0.00	34.76 1.75 0.00	35.82 1.67 0.00	35.11 1.42 0.00	36.79 1.58 0.00	33.19 1.49 0.00	33.54 1.57 0.00	33.90 1.58 0.00	35.36 1.65 0.00	37.71 1.90 0.00	41.89 2.22 0.00	44.88 2.50 0.00	46.27 2.62 0.00	52.18 3.05 0.00	57.98 3.18 0.00	60.41 2.99 0.00	61.55 2.82 0.00	58.63 2.79 0.00	52.67 2.36 0.00	48.24 2.30 0.00	41.88 1.96 0.00
KIAC_JFK_GT1 23816	44.22 2.38 0.00	40.42 2.14 0.00	37.23 1.87 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.65 1.50 0.00	35.04 1.35 0.00	36.93 1.73 0.00	33.63 1.93 0.00	34.27 2.30 0.00	34.45 2.13 0.00	35.80 2.09 0.00	38.36 2.54 0.00	42.40 2.74 0.00	45.43 3.05 0.00	46.66 3.01 0.00	52.42 3.29 0.00	57.60 2.79 0.00	59.32 1.90 0.00	60.26 1.53 0.00	57.90 2.07 0.00	52.06 1.76 0.00	48.01 2.07 0.00	41.88 1.96 0.00
KIAC_JFK_GT2 23817	44.22 2.38 0.00	40.42 2.14 0.00	37.23 1.87 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.65 1.50 0.00	35.04 1.35 0.00	36.93 1.73 0.00	33.63 1.93 0.00	34.27 2.30 0.00	34.45 2.13 0.00	35.80 2.09 0.00	38.36 2.54 0.00	42.40 2.74 0.00	45.43 3.05 0.00	46.66 3.01 0.00	52.42 3.29 0.00	57.60 2.79 0.00	59.32 1.90 0.00	60.26 1.53 0.00	57.90 2.07 0.00	52.06 1.76 0.00	48.01 2.07 0.00	41.88 1.96 0.00
KIAC_JFK____ 323774	44.22 2.38 0.00	40.42 2.14 0.00	37.23 1.87 0.00	35.17 1.64 0.00	34.46 1.45 0.00	35.55 1.40 0.00	34.94 1.25 0.00	36.86 1.66 0.00	33.60 1.90 0.00	34.11 2.14 0.00	34.32 2.00 0.00	35.66 1.95 0.00	38.32 2.51 0.00	42.40 2.73 0.00	45.39 3.01 0.00	46.71 3.05 0.00	52.42 3.29 0.00	57.43 2.63 0.00	59.32 1.89 0.00	60.25 1.52 0.00	57.62 1.79 0.00	51.96 1.66 0.00	48.01 2.07 0.00	41.88 1.96 0.00
KINTIGH_24_KV_GSU 356498	40.33 -1.50 0.00	36.86 -1.42 0.00	33.62 -1.73 0.00	31.89 -1.64 0.00	31.33 -1.68 0.00	32.41 -1.74 0.00	31.91 -1.79 0.00	33.41 -1.79 0.00	30.68 -1.02 0.00	31.11 -0.86 0.00	31.38 -0.94 0.00	32.90 -0.81 0.00	35.06 -0.75 0.00	39.23 -0.44 0.00	41.83 -0.55 0.00	42.87 -0.78 0.00	48.00 -1.13 0.00	54.48 -0.33 0.00	57.43 0.00 0.00	58.03 -0.70 0.00	54.27 -1.56 0.00	48.84 -1.46 0.00	44.65 -1.29 0.00	38.57 -1.36 0.00
KINTIGH____ 23543	40.33 -1.51 0.00	36.90 -1.38 0.00	33.69 -1.66 0.00	31.82 -1.71 0.00	31.33 -1.68 0.00	32.30 -1.84 0.00	31.91 -1.79 0.00	33.62 -1.58 0.00	30.91 -0.79 0.00	31.04 -0.93 0.00	31.31 -1.00 0.00	32.87 -0.84 0.00	35.06 -0.75 0.00	39.23 -0.44 0.00	41.62 -0.76 0.00	42.82 -0.83 0.00	47.95 -1.18 0.00	54.47 -0.33 0.00	57.37 -0.06 0.00	57.97 -0.76 0.00	53.77 -2.07 0.00	48.69 -1.61 0.00	44.65 -1.29 0.00	38.57 -1.36 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.72 0.88 0.00	38.81 0.54 0.00	35.81 0.46 0.00	33.93 0.40 0.00	33.51 0.50 0.00	34.79 0.65 0.00	34.50 0.81 0.00	35.95 0.74 0.00	32.30 0.60 0.00	32.55 0.58 0.00	32.90 0.58 0.00	34.28 0.57 0.00	36.50 0.68 0.00	40.34 0.67 0.00	43.14 0.76 0.00	44.35 0.70 0.00	50.01 0.88 0.00	55.68 0.88 0.00	58.57 1.15 0.00	60.20 1.47 0.00	57.12 1.28 0.00	51.51 1.21 0.00	46.95 1.01 0.00	40.96 1.04 0.00
LACHUTE____HYDRO 323717	44.98 3.14 0.00	41.23 2.95 0.00	38.08 2.72 0.00	35.95 2.42 0.00	35.49 2.48 0.00	36.54 2.39 0.00	35.78 2.09 0.00	36.86 1.66 0.00	32.58 0.89 0.00	32.58 0.61 0.00	32.57 0.26 0.00	33.98 0.27 0.00	36.03 0.22 0.00	39.79 0.12 0.00	42.63 0.26 0.00	44.00 0.35 0.00	49.77 0.64 0.00	56.67 1.86 0.00	60.76 3.33 0.00	63.31 4.58 0.00	60.69 4.86 0.00	54.48 4.17 0.00	49.57 3.63 0.00	42.84 2.91 0.00
LAWRNCV_115KV_TB1 80681	42.21 0.38 0.00	38.35 0.08 0.00	35.39 0.04 0.00	33.53 0.00 0.00	33.24 0.23 0.00	34.52 0.38 0.00	34.20 0.51 0.00	35.59 0.39 0.00	31.86 0.16 0.00	32.16 0.19 0.00	32.48 0.16 0.00	33.91 0.20 0.00	36.07 0.25 0.00	39.90 0.24 0.00	42.63 0.25 0.00	43.78 0.13 0.00	49.38 0.25 0.00	54.86 0.05 0.00	58.13 0.40 -0.30	59.96 0.88 -0.35	56.98 0.78 -0.36	51.51 0.91 -0.30	46.85 0.69 -0.22	40.66 0.72 -0.02
LEDERLE____ 23769	44.05 2.22 0.00	40.31 2.03 0.00	37.16 1.80 0.00	35.21 1.68 0.00	34.56 1.55 0.00	35.61 1.47 0.00	34.97 1.28 0.00	36.69 1.48 0.00	33.25 1.55 0.00	33.73 1.76 0.00	34.12 1.81 0.00	35.56 1.85 0.00	38.00 2.18 0.00	42.09 2.42 0.00	45.05 2.67 0.00	46.53 2.88 0.00	52.32 3.19 0.00	57.87 3.07 0.00	60.01 2.58 0.00	60.96 2.23 0.00	58.24 2.40 0.00	52.31 2.01 0.00	47.96 2.02 0.00	41.72 1.80 0.00
LIGHTHSE_115KV_TB6 355974	43.01 1.17 0.00	39.39 1.11 0.00	36.27 0.92 0.00	34.44 0.91 0.00	33.97 0.96 0.00	35.10 0.96 0.00	34.47 0.77 0.00	35.88 0.67 0.00	31.92 0.22 0.00	32.07 0.10 0.00	32.35 0.03 0.00	33.81 0.10 0.00	35.85 0.04 0.00	39.90 0.24 0.00	42.51 0.13 0.00	43.65 0.00 0.00	49.42 0.29 0.00	55.62 0.82 0.00	62.09 1.67 -3.00	64.84 2.64 -3.47	61.80 2.40 -3.56	55.72 2.41 -3.01	49.95 1.79 -2.21	41.37 1.24 -0.20
LINDEN COGEN____ 23786	44.14 2.30 0.00	40.38 2.10 0.00	37.15 1.80 0.00	35.14 1.61 0.00	34.43 1.42 0.00	35.44 1.30 0.00	34.84 1.15 0.00	36.69 1.48 0.00	33.44 1.74 0.00	33.89 1.92 0.00	34.25 1.94 0.00	35.60 1.89 0.00	38.25 2.44 0.00	42.28 2.62 0.00	45.26 2.88 0.00	46.84 3.18 0.00	52.52 3.39 0.00	57.38 2.58 0.00	59.38 1.95 0.00	60.25 1.52 0.00	57.62 1.79 0.00	52.16 1.86 0.00	48.01 2.07 0.00	41.72 1.80 0.00
LINDHRST_69_KV_BK1 356055	45.48 3.64 0.00	41.45 3.18 0.00	38.07 2.72 0.00	35.84 2.31 0.00	35.45 2.44 0.00	36.26 2.12 0.00	35.48 1.79 0.00	37.46 2.25 0.00	34.11 2.41 0.00	37.21 3.13 -2.11	38.43 2.97 -3.14	42.92 3.00 -6.21	46.48 3.40 -7.26	48.37 3.73 -4.97	49.23 4.07 -2.78	50.09 4.28 -2.16	53.91 4.62 -0.16	60.19 4.71 -0.68	61.69 4.02 -0.24	61.76 3.52 0.50	58.94 3.46 0.36	52.79 2.57 0.08	49.02 3.08 0.00	42.96 3.03 0.00
LIPA_MISC_IPP 23656	45.31 3.47 0.00	41.38 3.10 0.00	38.11 2.76 0.00	35.84 2.31 0.00	35.52 2.51 0.00	36.40 2.25 0.00	35.65 1.95 0.00	37.67 2.46 0.00	34.30 2.60 0.00	37.47 3.39 -2.11	38.36 2.91 -3.14	42.75 2.83 -6.21	46.23 3.15 -7.26	48.17 3.53 -4.97	48.97 3.81 -2.78	49.87 4.06 -2.16	56.99 4.37 -3.49	67.11 4.38 -7.92	69.47 3.79 -8.26	63.88 3.29 -1.86	60.67 3.46 -1.37	53.09 2.52 -0.27	48.93 2.99 0.00	43.00 3.07 0.00

LISF___SOLAR 323691	45.44 3.60 0.00	41.53 3.25 0.00	38.21 2.86 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.26 2.12 0.00	35.55 1.85 0.00	37.60 2.40 0.00	34.33 2.63 0.00	37.40 3.32 -2.11	38.30 2.84 -3.14	42.65 2.73 -6.21	46.26 3.19 -7.26	48.21 3.57 -4.97	49.01 3.86 -2.78	50.00 4.19 -2.16	57.47 4.67 -3.67	67.65 4.33 -8.52	70.24 4.02 -8.79	63.99 3.29 -1.97	60.70 3.41 -1.45	53.61 3.02 -0.29	48.97 3.03 0.00	43.28 3.35 0.00
LITTLE FALLS___HYD 24013	42.34 0.50 0.00	38.78 0.50 0.00	35.81 0.46 0.00	34.00 0.47 0.00	33.47 0.46 0.00	34.59 0.44 0.00	34.03 0.34 0.00	35.56 0.35 0.00	31.92 0.22 0.00	32.16 0.19 0.00	32.51 0.19 0.00	33.91 0.20 0.00	36.03 0.21 0.00	39.94 0.28 0.00	42.68 0.30 0.00	43.91 0.26 0.00	49.52 0.39 0.00	55.35 0.55 0.00	58.00 0.57 0.00	59.55 0.82 0.00	56.56 0.73 0.00	51.01 0.70 0.00	46.45 0.51 0.00	40.24 0.32 0.00
LITTLRIV_115KV_TB1 356100	42.55 0.71 0.00	38.66 0.38 0.00	35.64 0.28 0.00	33.76 0.23 0.00	33.51 0.50 0.00	34.76 0.61 0.00	34.44 0.74 0.00	35.74 0.53 0.00	31.92 0.22 0.00	32.20 0.22 0.00	32.51 0.19 0.00	33.91 0.20 0.00	36.10 0.29 0.00	39.90 0.24 0.00	42.68 0.30 0.00	43.78 0.13 0.00	49.47 0.34 0.00	55.02 0.22 0.00	58.44 0.69 -0.32	60.63 1.53 -0.38	57.62 1.40 -0.39	52.09 1.46 -0.33	47.33 1.15 -0.24	40.99 1.04 -0.02
LI_NEWBRDGE___DRP 323616	44.47 2.64 0.00	40.57 2.30 0.00	37.30 1.94 0.00	35.17 1.64 0.00	34.73 1.72 0.00	35.58 1.43 0.00	34.84 1.15 0.00	36.76 1.55 0.00	33.41 1.71 0.00	36.41 2.33 -2.11	37.69 2.23 -3.14	42.14 2.22 -6.21	45.66 2.58 -7.26	47.42 2.78 -4.97	48.21 3.05 -2.78	49.04 3.23 -2.16	52.57 3.44 0.00	58.57 3.29 -0.48	59.97 2.53 -0.02	60.98 2.06 -0.20	58.16 2.18 -0.14	51.84 1.51 -0.03	48.01 2.07 0.00	42.04 2.12 0.00
LOCKPORT_115KV_TB60_63_64 80432	40.37 -1.46 0.00	36.59 -1.68 0.00	33.30 -2.05 0.00	31.38 -2.15 0.00	30.93 -2.08 0.00	31.89 -2.25 0.00	31.50 -2.19 0.00	33.20 -2.01 0.00	30.59 -1.11 0.00	30.66 -1.31 0.00	30.86 -1.45 0.00	32.43 -1.28 0.00	34.63 -1.18 0.00	38.91 -0.75 0.00	41.19 -1.19 0.00	42.47 -1.18 0.00	47.46 -1.67 0.00	54.20 -0.60 0.00	57.14 -0.29 0.00	57.61 -1.12 0.00	53.16 -2.68 0.00	48.24 -2.06 0.00	44.20 -1.75 0.00	38.17 -1.76 0.00
LOCKPORT___CC1 323769	40.33 -1.50 0.00	36.56 -1.72 0.00	33.23 -2.12 0.00	31.52 -2.01 0.00	30.93 -2.08 0.00	32.00 -2.15 0.00	31.50 -2.19 0.00	32.95 -2.25 0.00	30.34 -1.36 0.00	30.76 -1.21 0.00	30.99 -1.33 0.00	32.53 -1.18 0.00	34.74 -1.07 0.00	38.95 -0.71 0.00	41.53 -0.85 0.00	42.52 -1.14 0.00	47.56 -1.57 0.00	54.25 -0.55 0.00	57.31 -0.11 0.00	57.67 -1.06 0.00	53.88 -1.96 0.00	48.44 -1.86 0.00	44.24 -1.70 0.00	38.25 -1.68 0.00
LOCKPORT___CC2 323770	40.33 -1.50 0.00	36.56 -1.72 0.00	33.23 -2.12 0.00	31.52 -2.01 0.00	30.93 -2.08 0.00	32.00 -2.15 0.00	31.50 -2.19 0.00	32.95 -2.25 0.00	30.34 -1.36 0.00	30.76 -1.21 0.00	30.99 -1.33 0.00	32.53 -1.18 0.00	34.74 -1.07 0.00	38.95 -0.71 0.00	41.53 -0.85 0.00	42.52 -1.14 0.00	47.56 -1.57 0.00	54.25 -0.55 0.00	57.31 -0.11 0.00	57.67 -1.06 0.00	53.88 -1.96 0.00	48.44 -1.86 0.00	44.24 -1.70 0.00	38.25 -1.68 0.00
LOCKPORT___CC3 323771	40.33 -1.50 0.00	36.56 -1.72 0.00	33.23 -2.12 0.00	31.52 -2.01 0.00	30.93 -2.08 0.00	32.00 -2.15 0.00	31.50 -2.19 0.00	32.95 -2.25 0.00	30.34 -1.36 0.00	30.76 -1.21 0.00	30.99 -1.33 0.00	32.53 -1.18 0.00	34.74 -1.07 0.00	38.95 -0.71 0.00	41.53 -0.85 0.00	42.52 -1.14 0.00	47.56 -1.57 0.00	54.25 -0.55 0.00	57.31 -0.11 0.00	57.67 -1.06 0.00	53.88 -1.96 0.00	48.44 -1.86 0.00	44.24 -1.70 0.00	38.25 -1.68 0.00
LOCUSVLY_69_KV_BK2 55797	45.02 3.18 0.00	41.03 2.76 0.00	37.76 2.40 0.00	35.61 2.08 0.00	35.12 2.11 0.00	36.02 1.88 0.00	35.28 1.58 0.00	37.21 2.01 0.00	33.82 2.12 0.00	36.79 2.72 -2.11	38.14 2.68 -3.14	42.65 2.73 -6.21	46.23 3.15 -7.26	48.05 3.41 -4.97	48.89 3.73 -2.78	49.74 3.93 -2.16	52.89 4.18 0.42	57.92 4.06 0.94	59.21 3.27 1.49	59.93 2.88 1.68	57.58 2.96 1.22	52.25 2.21 0.27	48.61 2.66 0.00	42.56 2.64 0.00
LONG_LAKE_PHOENIX 24014	41.08 -0.75 0.00	37.67 -0.61 0.00	34.79 -0.57 0.00	32.96 -0.57 0.00	32.45 -0.56 0.00	33.53 -0.61 0.00	33.02 -0.67 0.00	34.50 -0.70 0.00	31.10 -0.60 0.00	31.33 -0.64 0.00	31.67 -0.65 0.00	33.10 -0.61 0.00	35.06 -0.75 0.00	38.91 -0.75 0.00	41.49 -0.89 0.00	42.73 -0.92 0.00	48.15 -0.98 0.00	53.98 -0.82 0.00	59.57 -0.63 -2.78	61.36 -0.59 -3.22	58.36 -0.78 -3.30	52.33 -0.75 -2.79	47.21 -0.78 -2.05	39.31 -0.80 -0.19
LOVETT___3 23632	43.76 1.92 0.00	40.04 1.76 0.00	36.94 1.59 0.00	35.01 1.48 0.00	34.36 1.35 0.00	35.41 1.26 0.00	34.74 1.04 0.00	36.51 1.30 0.00	33.09 1.39 0.00	33.60 1.63 0.00	33.96 1.65 0.00	35.36 1.65 0.00	37.79 1.97 0.00	41.85 2.18 0.00	44.79 2.42 0.00	46.23 2.58 0.00	51.98 2.85 0.00	57.38 2.58 0.00	59.49 2.07 0.00	60.43 1.70 0.00	57.79 1.95 0.00	51.96 1.66 0.00	47.64 1.70 0.00	41.44 1.52 0.00
LOVETT___4 23642	43.76 1.92 0.00	40.04 1.76 0.00	36.94 1.59 0.00	35.01 1.48 0.00	34.36 1.35 0.00	35.41 1.26 0.00	34.74 1.04 0.00	36.51 1.30 0.00	33.09 1.39 0.00	33.60 1.63 0.00	33.96 1.65 0.00	35.36 1.65 0.00	37.79 1.97 0.00	41.85 2.18 0.00	44.79 2.42 0.00	46.23 2.58 0.00	51.98 2.85 0.00	57.38 2.58 0.00	59.49 2.07 0.00	60.43 1.70 0.00	57.79 1.95 0.00	51.96 1.66 0.00	47.64 1.70 0.00	41.44 1.52 0.00
LOVETT___5 23593	43.76 1.92 0.00	40.04 1.76 0.00	36.94 1.59 0.00	35.01 1.48 0.00	34.36 1.35 0.00	35.41 1.26 0.00	34.74 1.04 0.00	36.51 1.30 0.00	33.09 1.39 0.00	33.60 1.63 0.00	33.96 1.65 0.00	35.36 1.65 0.00	37.79 1.97 0.00	41.85 2.18 0.00	44.79 2.42 0.00	46.23 2.58 0.00	51.98 2.85 0.00	57.38 2.58 0.00	59.49 2.07 0.00	60.43 1.70 0.00	57.79 1.95 0.00	51.96 1.66 0.00	47.64 1.70 0.00	41.44 1.52 0.00
LOWER RAQUET___HYD 24057	42.21 0.38 0.00	38.35 0.08 0.00	35.39 0.04 0.00	33.53 0.00 0.00	33.27 0.26 0.00	34.49 0.34 0.00	34.20 0.51 0.00	35.60 0.39 0.00	31.86 0.16 0.00	32.13 0.16 0.00	32.44 0.13 0.00	33.91 0.20 0.00	36.07 0.25 0.00	39.91 0.24 0.00	42.63 0.26 0.00	43.74 0.09 0.00	49.38 0.25 0.00	55.13 0.33 0.00	58.18 0.40 -0.35	60.13 1.00 -0.40	57.14 0.89 -0.41	51.66 1.01 -0.35	46.98 0.78 -0.26	40.71 0.76 -0.02
LOWER___HUDSON 24059	42.76 0.92 0.00	39.35 1.07 0.00	36.38 1.03 0.00	34.37 0.84 0.00	33.80 0.79 0.00	34.90 0.75 0.00	34.27 0.57 0.00	35.74 0.53 0.00	32.05 0.35 0.00	32.20 0.23 0.00	32.54 0.23 0.00	33.88 0.17 0.00	36.00 0.18 0.00	39.87 0.20 0.00	42.68 0.30 0.00	44.00 0.35 0.00	49.52 0.39 0.00	55.35 0.55 0.00	58.06 0.63 0.00	59.55 0.82 0.00	56.95 1.12 0.00	51.31 1.01 0.00	46.86 0.92 0.00	40.80 0.88 0.00

LOWVILLE_115KV_TB2 356335	43.51 1.67 0.00	39.81 1.53 0.00	36.66 1.31 0.00	34.80 1.27 0.00	34.36 1.35 0.00	35.51 1.37 0.00	34.87 1.18 0.00	36.30 1.09 0.00	32.17 0.48 0.00	32.29 0.32 0.00	32.57 0.26 0.00	34.05 0.34 0.00	36.14 0.32 0.00	40.22 0.56 0.00	42.89 0.51 0.00	43.78 0.13 0.00	49.77 0.64 0.00	56.06 1.26 0.00	60.44 2.18 -0.83	63.04 3.35 -0.96	59.84 3.02 -0.99	54.05 2.92 -0.83	48.90 2.34 -0.61	41.74 1.76 -0.06
LUTHERFT_115KV_GLOB_FND_222 355753	43.30 1.46 0.00	39.77 1.49 0.00	36.77 1.41 0.00	34.84 1.31 0.00	34.26 1.25 0.00	35.38 1.23 0.00	34.74 1.04 0.00	36.09 0.88 0.00	32.20 0.51 0.00	32.36 0.38 0.00	32.61 0.29 0.00	33.98 0.27 0.00	36.07 0.25 0.00	39.86 0.20 0.00	42.68 0.30 0.00	44.00 0.35 0.00	49.62 0.49 0.00	55.79 0.99 0.00	58.80 1.38 0.00	60.49 1.76 0.00	57.90 2.07 0.00	52.06 1.76 0.00	47.50 1.56 0.00	41.28 1.36 0.00
LUTHERNY_35_KV_BK2 355980	43.34 1.51 0.00	39.77 1.49 0.00	36.77 1.41 0.00	34.87 1.34 0.00	34.26 1.25 0.00	35.41 1.26 0.00	34.77 1.08 0.00	36.12 0.92 0.00	32.24 0.54 0.00	32.39 0.42 0.00	32.61 0.29 0.00	33.98 0.27 0.00	36.07 0.25 0.00	39.86 0.20 0.00	42.68 0.30 0.00	44.04 0.39 0.00	49.62 0.49 0.00	55.79 0.99 0.00	58.86 1.44 0.00	60.55 1.82 0.00	57.90 2.07 0.00	52.11 1.81 0.00	47.55 1.61 0.00	41.28 1.36 0.00
LWR__OSWEGATCHIE_HYD 23850	42.92 1.09 0.00	39.12 0.84 0.00	36.02 0.67 0.00	34.20 0.67 0.00	33.84 0.83 0.00	35.03 0.89 0.00	34.54 0.84 0.00	35.95 0.74 0.00	31.98 0.29 0.00	32.16 0.19 0.00	32.48 0.16 0.00	33.94 0.24 0.00	36.07 0.25 0.00	40.02 0.36 0.00	42.72 0.34 0.00	43.74 0.09 0.00	49.52 0.39 0.00	55.46 0.66 0.00	59.53 1.38 -0.73	61.92 2.35 -0.84	58.77 2.07 -0.86	53.14 2.11 -0.73	48.13 1.65 -0.54	41.29 1.32 -0.05
LYONS_FALL_HYD 23570	43.22 1.38 0.00	39.54 1.26 0.00	36.41 1.06 0.00	34.60 1.07 0.00	34.13 1.12 0.00	35.27 1.13 0.00	34.64 0.94 0.00	36.09 0.88 0.00	32.11 0.41 0.00	32.26 0.29 0.00	32.57 0.26 0.00	34.05 0.34 0.00	36.14 0.32 0.00	40.18 0.51 0.00	42.89 0.51 0.00	43.91 0.26 0.00	49.82 0.69 0.00	55.95 1.15 0.00	59.84 1.84 -0.58	62.10 2.70 -0.67	58.98 2.45 -0.68	53.19 2.32 -0.58	48.21 1.84 -0.42	41.36 1.40 -0.04
MADISON__COUNTY_LFGE 323628	42.80 0.96 0.00	39.20 0.92 0.00	36.17 0.81 0.00	34.30 0.77 0.00	33.77 0.76 0.00	34.90 0.75 0.00	34.30 0.61 0.00	35.77 0.56 0.00	31.98 0.29 0.00	32.16 0.19 0.00	32.48 0.16 0.00	33.94 0.24 0.00	36.07 0.25 0.00	40.10 0.44 0.00	42.80 0.42 0.00	44.00 0.35 0.00	49.77 0.64 0.00	55.90 1.10 0.00	59.35 1.49 -0.43	61.22 2.00 -0.49	58.08 1.73 -0.51	52.29 1.56 -0.43	47.50 1.24 -0.31	40.87 0.92 -0.03
MALONE__115KV_TB1 356076	42.55 0.71 0.00	38.62 0.34 0.00	35.64 0.28 0.00	33.76 0.23 0.00	33.41 0.40 0.00	34.73 0.58 0.00	34.44 0.74 0.00	35.84 0.63 0.00	32.20 0.51 0.00	32.48 0.51 0.00	32.80 0.48 0.00	34.21 0.51 0.00	36.42 0.61 0.00	40.26 0.59 0.00	43.01 0.64 0.00	44.17 0.52 0.00	49.87 0.74 0.00	55.46 0.66 0.00	58.46 1.03 0.00	60.14 1.41 0.00	57.07 1.23 0.00	51.46 1.16 0.00	46.86 0.92 0.00	40.84 0.92 0.00
MAPLEWOD_115KV_TB3 80458	42.67 0.84 0.00	39.23 0.96 0.00	36.31 0.95 0.00	34.44 0.91 0.00	33.84 0.83 0.00	34.93 0.79 0.00	34.30 0.61 0.00	35.70 0.49 0.00	32.01 0.32 0.00	32.26 0.29 0.00	32.61 0.29 0.00	33.98 0.27 0.00	36.10 0.29 0.00	39.90 0.24 0.00	42.72 0.34 0.00	44.04 0.39 0.00	49.52 0.39 0.00	55.35 0.55 0.00	58.06 0.63 0.00	59.43 0.70 0.00	56.84 1.01 0.00	51.16 0.86 0.00	46.72 0.78 0.00	40.68 0.76 0.00
MAPLE_RIDGE_WT_1 323574	41.80 -0.04 0.00	38.20 -0.08 0.00	35.28 -0.07 0.00	33.46 -0.07 0.00	32.98 -0.03 0.00	34.11 -0.03 0.00	33.69 0.00 0.00	35.17 -0.04 0.00	31.67 -0.03 0.00	31.94 -0.03 0.00	32.28 -0.03 0.00	33.64 -0.07 0.00	35.74 -0.07 0.00	39.59 -0.08 0.00	42.29 -0.08 0.00	43.52 -0.13 0.00	49.03 -0.10 0.00	54.69 -0.11 0.00	57.31 -0.11 0.00	58.61 -0.12 0.00	55.67 -0.17 0.00	50.20 -0.10 0.00	45.85 -0.09 0.00	39.85 -0.08 0.00
MAPLE_RIDGE_WT_2 323611	41.80 -0.04 0.00	38.20 -0.08 0.00	35.28 -0.07 0.00	33.46 -0.07 0.00	32.98 -0.03 0.00	34.11 -0.03 0.00	33.69 0.00 0.00	35.17 -0.04 0.00	31.67 -0.03 0.00	31.94 -0.03 0.00	32.28 -0.03 0.00	33.64 -0.07 0.00	35.74 -0.07 0.00	39.59 -0.08 0.00	42.29 -0.08 0.00	43.52 -0.13 0.00	49.03 -0.10 0.00	54.69 -0.11 0.00	57.31 -0.11 0.00	58.61 -0.12 0.00	55.67 -0.17 0.00	50.20 -0.10 0.00	45.85 -0.09 0.00	39.85 -0.08 0.00
MARBLE_RIVER_WT_PWR 323696	42.09 0.25 0.00	38.32 0.04 0.00	35.39 0.04 0.00	33.53 0.00 0.00	33.11 0.10 0.00	34.32 0.17 0.00	34.03 0.34 0.00	35.49 0.28 0.00	31.92 0.22 0.00	32.20 0.23 0.00	32.54 0.23 0.00	33.91 0.20 0.00	36.07 0.25 0.00	39.87 0.20 0.00	42.63 0.26 0.00	43.83 0.18 0.00	49.43 0.30 0.00	55.13 0.33 0.00	57.77 0.35 0.00	59.20 0.47 0.00	56.28 0.44 0.00	50.75 0.45 0.00	46.31 0.37 0.00	40.32 0.40 0.00
MARSHVLE_115KV_TB1 80742	44.31 2.47 0.00	40.54 2.26 0.00	37.37 2.02 0.00	35.44 1.91 0.00	34.92 1.91 0.00	36.02 1.88 0.00	35.28 1.58 0.00	36.16 0.95 0.00	31.73 0.03 0.00	31.65 -0.32 0.00	31.93 -0.39 0.00	33.24 -0.47 0.00	35.31 -0.50 0.00	39.15 -0.52 0.00	42.04 -0.34 0.00	43.39 -0.26 0.00	49.33 0.20 0.00	56.39 1.59 0.00	60.53 3.10 0.00	63.02 4.29 0.00	59.80 3.96 0.00	53.72 3.42 0.00	48.84 2.89 0.00	42.20 2.28 0.00
MARSH_HILL_WT_PWR 323713	41.92 0.08 0.00	38.24 -0.04 0.00	34.96 -0.39 0.00	33.16 -0.37 0.00	32.55 -0.46 0.00	33.77 -0.37 0.00	33.19 -0.50 0.00	34.40 -0.81 0.00	31.06 -0.63 0.00	31.33 -0.64 0.00	31.57 -0.74 0.00	33.10 -0.61 0.00	35.35 -0.47 0.00	39.59 -0.08 0.00	42.17 -0.21 0.00	43.39 -0.26 0.00	48.84 -0.29 0.00	55.51 0.71 0.00	59.29 1.61 -0.26	60.38 1.35 -0.30	56.93 0.78 -0.31	50.87 0.30 -0.26	46.22 0.09 -0.19	39.86 -0.08 -0.02
MCINTYRE_115KV_TB2 80467	42.88 1.05 0.00	38.93 0.65 0.00	35.92 0.57 0.00	34.03 0.50 0.00	33.74 0.73 0.00	35.00 0.85 0.00	34.64 0.94 0.00	35.91 0.70 0.00	32.01 0.32 0.00	32.23 0.26 0.00	32.54 0.23 0.00	33.94 0.24 0.00	36.10 0.29 0.00	39.90 0.24 0.00	42.68 0.30 0.00	43.83 0.17 0.00	49.52 0.39 0.00	55.08 0.27 0.00	58.57 0.86 -0.29	60.88 1.82 -0.33	57.91 1.73 -0.34	52.40 1.81 -0.29	47.62 1.47 -0.21	41.26 1.32 -0.02
MECO____69_KV_BK1 80468	44.56 2.72 0.00	40.77 2.49 0.00	37.62 2.26 0.00	35.64 2.11 0.00	35.12 2.11 0.00	36.19 2.05 0.00	35.48 1.79 0.00	36.40 1.20 0.00	31.92 0.22 0.00	31.81 -0.16 0.00	32.02 -0.29 0.00	33.34 -0.37 0.00	35.39 -0.43 0.00	39.15 -0.52 0.00	42.08 -0.30 0.00	43.43 -0.22 0.00	49.42 0.29 0.00	56.39 1.59 0.00	60.53 3.10 0.00	63.07 4.35 0.00	59.97 4.13 0.00	53.87 3.57 0.00	49.02 3.08 0.00	42.40 2.48 0.00

MENANDS__115KV_TB5 355628	42.34 0.50 0.00	38.97 0.69 0.00	36.06 0.71 0.00	34.23 0.70 0.00	33.60 0.59 0.00	34.73 0.58 0.00	34.06 0.37 0.00	35.52 0.32 0.00	31.89 0.19 0.00	32.13 0.16 0.00	32.51 0.19 0.00	33.84 0.13 0.00	35.96 0.14 0.00	39.78 0.12 0.00	42.51 0.13 0.00	43.87 0.22 0.00	49.23 0.10 0.00	54.97 0.16 0.00	57.54 0.11 0.00	58.90 0.18 0.00	56.34 0.50 0.00	50.71 0.40 0.00	46.35 0.41 0.00	40.40 0.48 0.00
MG INDUSTRY__DRP 24185	42.59 0.75 0.00	39.16 0.88 0.00	36.24 0.88 0.00	34.40 0.87 0.00	33.80 0.79 0.00	34.90 0.75 0.00	34.27 0.57 0.00	35.63 0.42 0.00	31.89 0.19 0.00	32.10 0.13 0.00	32.41 0.10 0.00	33.78 0.07 0.00	35.89 0.07 0.00	39.71 0.04 0.00	42.46 0.08 0.00	43.83 0.17 0.00	49.23 0.10 0.00	55.02 0.22 0.00	57.77 0.34 0.00	59.20 0.47 0.00	56.56 0.73 0.00	50.91 0.60 0.00	46.54 0.60 0.00	40.56 0.64 0.00
MID__OSWEGATCHIE_HYD 23849	42.92 1.09 0.00	39.12 0.84 0.00	36.02 0.67 0.00	34.20 0.67 0.00	33.84 0.83 0.00	35.03 0.89 0.00	34.54 0.84 0.00	35.95 0.74 0.00	31.98 0.29 0.00	32.16 0.19 0.00	32.48 0.16 0.00	33.94 0.24 0.00	36.07 0.25 0.00	40.02 0.36 0.00	42.72 0.34 0.00	43.74 0.09 0.00	49.52 0.39 0.00	55.46 0.66 0.00	59.53 1.38 -0.73	61.92 2.35 -0.84	58.77 2.07 -0.86	53.14 2.11 -0.73	48.13 1.65 -0.54	41.29 1.32 -0.05
MID__RAQUETTE_HYD 23851	42.21 0.38 0.00	38.35 0.08 0.00	35.39 0.04 0.00	33.53 0.00 0.00	33.27 0.26 0.00	34.52 0.38 0.00	34.20 0.51 0.00	35.59 0.39 0.00	31.86 0.16 0.00	32.13 0.16 0.00	32.44 0.13 0.00	33.91 0.20 0.00	36.07 0.25 0.00	39.90 0.24 0.00	42.63 0.25 0.00	43.74 0.09 0.00	49.38 0.25 0.00	54.86 0.05 0.00	58.18 0.40 -0.35	60.13 1.00 -0.40	57.15 0.89 -0.41	51.66 1.01 -0.35	46.98 0.78 -0.26	40.71 0.76 -0.02
MILLIKEN__1 23584	42.34 0.50 0.00	38.78 0.50 0.00	35.71 0.35 0.00	33.83 0.30 0.00	33.31 0.30 0.00	34.45 0.31 0.00	33.90 0.20 0.00	35.38 0.18 0.00	31.76 0.06 0.00	31.91 -0.06 0.00	32.22 -0.10 0.00	33.67 -0.03 0.00	35.78 -0.04 0.00	39.78 0.12 0.00	42.42 0.04 0.00	43.74 0.09 0.00	49.38 0.25 0.00	55.62 0.82 0.00	59.58 1.26 -0.89	61.29 1.53 -1.03	58.01 1.12 -1.06	52.10 0.91 -0.89	47.29 0.69 -0.66	40.42 0.44 -0.06
MILLIKEN__2 23585	42.34 0.50 0.00	38.78 0.50 0.00	35.71 0.35 0.00	33.83 0.30 0.00	33.31 0.30 0.00	34.45 0.31 0.00	33.90 0.20 0.00	35.38 0.18 0.00	31.76 0.06 0.00	31.91 -0.06 0.00	32.22 -0.10 0.00	33.67 -0.03 0.00	35.78 -0.04 0.00	39.78 0.12 0.00	42.42 0.04 0.00	43.74 0.09 0.00	49.38 0.25 0.00	55.62 0.82 0.00	59.58 1.26 -0.89	61.29 1.53 -1.03	58.01 1.12 -1.06	52.10 0.91 -0.89	47.29 0.69 -0.66	40.42 0.44 -0.06
MILLIKEN__DIESEL 23629	42.34 0.50 0.00	38.78 0.50 0.00	35.71 0.35 0.00	33.83 0.30 0.00	33.31 0.30 0.00	34.45 0.31 0.00	33.90 0.20 0.00	35.38 0.18 0.00	31.76 0.06 0.00	31.91 -0.06 0.00	32.22 -0.10 0.00	33.67 -0.03 0.00	35.78 -0.04 0.00	39.78 0.12 0.00	42.42 0.04 0.00	43.74 0.09 0.00	49.38 0.25 0.00	55.62 0.82 0.00	59.58 1.26 -0.89	61.29 1.53 -1.03	58.01 1.12 -1.06	52.10 0.91 -0.89	47.29 0.69 -0.66	40.42 0.44 -0.06
MILLSEAT__LFGE 323607	41.88 0.04 0.00	37.89 -0.38 0.00	34.43 -0.92 0.00	32.63 -0.90 0.00	32.09 -0.92 0.00	33.19 -0.96 0.00	32.68 -1.01 0.00	34.12 -1.09 0.00	31.13 -0.57 0.00	31.46 -0.51 0.00	31.70 -0.61 0.00	33.24 -0.47 0.00	35.53 -0.29 0.00	39.83 0.16 0.00	42.46 0.08 0.00	43.48 -0.17 0.00	48.89 -0.24 0.00	55.90 1.10 0.00	59.32 1.89 0.00	60.02 1.29 0.00	56.12 0.28 0.00	50.45 0.15 0.00	45.90 -0.05 0.00	39.53 -0.40 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.89 2.05 0.00	40.19 1.91 0.00	37.05 1.70 0.00	35.11 1.58 0.00	34.46 1.45 0.00	35.51 1.37 0.00	34.87 1.18 0.00	36.62 1.41 0.00	33.22 1.52 0.00	33.70 1.73 0.00	34.06 1.74 0.00	35.46 1.75 0.00	37.89 2.08 0.00	41.93 2.26 0.00	44.88 2.50 0.00	46.36 2.71 0.00	52.08 2.95 0.00	57.49 2.69 0.00	59.61 2.18 0.00	60.55 1.82 0.00	57.96 2.12 0.00	52.11 1.81 0.00	47.82 1.88 0.00	41.60 1.68 0.00
MILLWOOD_13_KV_LOAD 356217	44.01 2.18 0.00	40.27 1.99 0.00	37.16 1.80 0.00	35.21 1.68 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.94 1.25 0.00	36.72 1.51 0.00	33.31 1.62 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.53 1.82 0.00	37.96 2.15 0.00	42.05 2.38 0.00	45.01 2.63 0.00	46.44 2.79 0.00	52.18 3.05 0.00	57.65 2.85 0.00	59.78 2.35 0.00	60.78 2.06 0.00	58.18 2.35 0.00	52.26 1.96 0.00	47.96 2.02 0.00	41.68 1.76 0.00
MODEL_CITY_ENERGY 24167	40.04 -1.80 0.00	36.10 -2.18 0.00	32.81 -2.55 0.00	31.12 -2.41 0.00	30.53 -2.48 0.00	31.58 -2.56 0.00	31.13 -2.56 0.00	32.57 -2.64 0.00	30.02 -1.68 0.00	30.44 -1.53 0.00	30.63 -1.68 0.00	32.16 -1.55 0.00	34.35 -1.47 0.00	38.51 -1.15 0.00	41.06 -1.31 0.00	42.04 -1.61 0.00	46.97 -2.16 0.00	53.54 -1.26 0.00	56.57 -0.86 0.00	56.91 -1.82 0.00	53.16 -2.68 0.00	47.84 -2.46 0.00	43.69 -2.25 0.00	37.77 -2.16 0.00
MODERN_LFGE__ 323580	40.04 -1.80 0.00	36.10 -2.18 0.00	32.81 -2.55 0.00	31.12 -2.41 0.00	30.53 -2.48 0.00	31.58 -2.56 0.00	31.13 -2.56 0.00	32.57 -2.64 0.00	30.02 -1.68 0.00	30.44 -1.53 0.00	30.63 -1.68 0.00	32.16 -1.55 0.00	34.35 -1.47 0.00	38.51 -1.15 0.00	41.06 -1.31 0.00	42.04 -1.61 0.00	46.97 -2.16 0.00	53.54 -1.26 0.00	56.57 -0.86 0.00	56.91 -1.82 0.00	53.16 -2.68 0.00	47.84 -2.46 0.00	43.69 -2.25 0.00	37.77 -2.16 0.00
MOHAWK_PAPER__DRP 24187	42.67 0.84 0.00	39.23 0.96 0.00	36.31 0.95 0.00	34.44 0.91 0.00	33.84 0.83 0.00	34.93 0.79 0.00	34.30 0.61 0.00	35.70 0.49 0.00	32.01 0.32 0.00	32.26 0.29 0.00	32.61 0.29 0.00	33.98 0.27 0.00	36.10 0.29 0.00	39.90 0.24 0.00	42.72 0.34 0.00	44.04 0.39 0.00	49.52 0.39 0.00	55.35 0.55 0.00	58.06 0.63 0.00	59.43 0.70 0.00	56.84 1.01 0.00	51.16 0.86 0.00	46.72 0.78 0.00	40.68 0.76 0.00
MOHICAN__35_KV_115KV_LD 80490	43.43 1.59 0.00	39.89 1.61 0.00	36.84 1.48 0.00	34.94 1.41 0.00	34.36 1.35 0.00	35.44 1.30 0.00	34.84 1.15 0.00	36.09 0.88 0.00	32.08 0.38 0.00	32.20 0.22 0.00	32.25 -0.06 0.00	33.64 -0.07 0.00	35.64 -0.18 0.00	39.31 -0.36 0.00	42.08 -0.30 0.00	43.43 -0.22 0.00	48.98 -0.15 0.00	55.35 0.55 0.00	58.86 1.44 0.00	60.78 2.06 0.00	58.29 2.46 0.00	52.37 2.06 0.00	47.73 1.79 0.00	41.40 1.48 0.00
MONGAUP__HYD 23641	43.85 2.01 0.00	40.11 1.84 0.00	37.01 1.66 0.00	35.04 1.51 0.00	34.40 1.39 0.00	35.48 1.33 0.00	34.77 1.08 0.00	36.33 1.13 0.00	32.74 1.04 0.00	32.99 1.02 0.00	33.35 1.03 0.00	34.72 1.01 0.00	37.18 1.36 0.00	41.21 1.55 0.00	44.08 1.70 0.00	45.57 1.92 0.00	51.34 2.21 0.00	57.00 2.19 0.00	59.73 2.30 0.00	60.96 2.23 0.00	58.07 2.24 0.00	52.21 1.91 0.00	47.83 1.88 0.00	41.56 1.64 0.00

MONTAUK___DIESEL 23721	46.27 4.43 0.00	42.37 4.10 0.00	39.10 3.75 0.00	36.65 3.12 0.00	36.34 3.33 0.00	37.25 3.11 0.00	36.52 2.83 0.00	38.76 3.56 0.00	35.41 3.71 0.00	38.84 4.76 -2.11	39.82 4.36 -3.14	44.40 4.48 -6.21	48.16 5.09 -7.26	50.51 5.87 -4.97	51.64 6.48 -2.78	52.66 6.85 -2.16	60.40 7.71 -3.56	71.12 8.17 -8.15	73.47 7.58 -8.46	67.50 6.87 -1.90	63.72 6.48 -1.40	55.76 5.18 -0.28	50.99 5.05 0.00	44.56 4.63 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.50 -0.33 0.00	37.97 -0.31 0.00	34.65 -0.71 0.00	32.72 -0.80 0.00	32.18 -0.83 0.00	33.26 -0.89 0.00	32.85 -0.84 0.00	34.36 -0.84 0.00	31.41 -0.29 0.00	31.68 -0.29 0.00	32.02 -0.29 0.00	33.71 0.00 0.00	35.99 0.18 0.00	40.46 0.79 0.00	42.89 0.51 0.00	44.31 0.65 0.00	49.67 0.54 0.00	56.77 1.97 0.00	59.90 2.47 0.00	60.26 1.53 0.00	55.50 -0.34 0.00	50.15 -0.15 0.00	45.57 -0.37 0.00	39.73 -0.20 0.00
MORRIS_RIDGE___SOLAR 323848	41.17 -0.67 0.00	37.59 -0.69 0.00	34.29 -1.06 0.00	32.56 -0.97 0.00	31.95 -1.06 0.00	33.09 -1.06 0.00	32.55 -1.15 0.00	33.76 -1.45 0.00	30.56 -1.14 0.00	30.82 -1.15 0.00	31.05 -1.26 0.00	32.56 -1.15 0.00	34.78 -1.04 0.00	38.91 -0.75 0.00	41.49 -0.89 0.00	42.69 -0.96 0.00	47.95 -1.18 0.00	54.64 -0.16 0.00	58.06 0.63 0.00	58.96 0.24 0.00	55.45 -0.39 0.00	49.65 -0.66 0.00	45.20 -0.74 0.00	39.17 -0.76 0.00
MORTIMER_115KV_TB3 55949	41.25 -0.59 0.00	37.70 -0.57 0.00	34.50 -0.85 0.00	32.56 -0.97 0.00	32.09 -0.92 0.00	33.12 -1.02 0.00	32.72 -0.98 0.00	34.36 -0.84 0.00	31.35 -0.35 0.00	31.52 -0.45 0.00	31.86 -0.45 0.00	33.41 -0.30 0.00	35.60 -0.21 0.00	39.78 0.12 0.00	42.29 -0.08 0.00	43.48 -0.17 0.00	48.88 -0.25 0.00	55.40 0.60 0.00	58.34 0.92 0.00	59.20 0.47 0.00	55.22 -0.61 0.00	49.90 -0.40 0.00	45.57 -0.37 0.00	39.29 -0.64 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.31 2.47 0.00	40.50 2.22 0.00	37.33 1.98 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.04 1.35 0.00	36.86 1.65 0.00	33.50 1.81 0.00	34.05 2.08 0.00	34.42 2.10 0.00	35.80 2.09 0.00	38.29 2.47 0.00	42.32 2.66 0.00	45.35 2.97 0.00	46.79 3.14 0.00	52.57 3.44 0.00	57.76 2.96 0.00	59.61 2.18 0.00	60.55 1.82 0.00	58.13 2.29 0.00	52.42 2.11 0.00	48.15 2.21 0.00	41.88 1.96 0.00
MUNSVILLE_WIND_PWR 323609	44.85 3.01 0.00	41.07 2.79 0.00	37.72 2.37 0.00	35.88 2.35 0.00	35.35 2.34 0.00	36.54 2.39 0.00	35.72 2.02 0.00	37.14 1.94 0.00	32.68 0.98 0.00	32.64 0.67 0.00	32.80 0.49 0.00	34.35 0.64 0.00	36.64 0.82 0.00	40.93 1.27 0.00	43.56 1.18 0.00	44.87 1.22 0.00	51.29 2.16 0.00	58.42 3.62 0.00	62.93 4.88 -0.62	65.56 6.11 -0.72	61.82 5.25 -0.74	55.61 4.68 -0.62	50.17 3.77 -0.46	42.76 2.79 -0.04
N SALMON___HYD 24042	42.55 0.71 0.00	38.62 0.34 0.00	35.63 0.28 0.00	33.77 0.24 0.00	33.41 0.40 0.00	34.66 0.51 0.00	34.43 0.74 0.00	35.84 0.63 0.00	32.20 0.51 0.00	32.48 0.51 0.00	32.80 0.49 0.00	34.21 0.51 0.00	36.42 0.61 0.00	40.26 0.60 0.00	43.02 0.64 0.00	44.18 0.53 0.00	49.87 0.74 0.00	55.68 0.87 0.00	58.46 1.03 0.00	60.14 1.41 0.00	57.06 1.23 0.00	51.46 1.16 0.00	46.86 0.92 0.00	40.84 0.92 0.00
N.AKRON__115KV_KNAPP 355671	41.25 -0.59 0.00	37.40 -0.88 0.00	34.04 -1.31 0.00	32.09 -1.44 0.00	31.66 -1.35 0.00	32.61 -1.54 0.00	32.24 -1.45 0.00	33.87 -1.34 0.00	31.10 -0.60 0.00	31.11 -0.86 0.00	31.35 -0.97 0.00	32.90 -0.81 0.00	35.17 -0.64 0.00	39.47 -0.20 0.00	41.83 -0.55 0.00	43.08 -0.57 0.00	48.34 -0.79 0.00	55.24 0.44 0.00	58.34 0.92 0.00	59.02 0.29 0.00	54.55 -1.28 0.00	49.45 -0.86 0.00	45.21 -0.74 0.00	38.97 -0.96 0.00
N.BELMOR_69_KV_BK1 55787	44.93 3.10 0.00	40.96 2.68 0.00	37.65 2.30 0.00	35.51 1.98 0.00	35.02 2.01 0.00	35.89 1.74 0.00	35.14 1.45 0.00	37.07 1.87 0.00	33.69 2.00 0.00	36.70 2.62 -2.11	38.04 2.59 -3.14	42.52 2.60 -6.21	46.09 3.01 -7.26	47.89 3.25 -4.97	48.72 3.56 -2.78	49.61 3.80 -2.16	53.21 4.08 0.00	59.34 4.06 -0.48	60.73 3.33 0.03	61.20 2.82 0.34	58.44 2.85 0.25	52.36 2.11 0.06	48.51 2.57 0.00	42.44 2.52 0.00
N.E._GEN_SANDY PD 24062	42.80 0.96 0.00	39.39 1.11 0.00	36.41 1.06 0.00	34.40 0.87 0.00	33.77 0.76 0.00	34.90 0.75 0.00	34.20 0.51 0.00	34.06 0.60 1.74	33.95 0.51 -1.74	32.42 0.45 0.00	32.80 0.49 0.00	34.15 0.44 0.00	36.35 0.54 0.00	40.22 0.56 0.00	43.10 0.72 0.00	44.48 0.83 0.00	50.01 0.89 0.00	55.51 0.71 0.00	58.00 0.57 0.00	59.26 0.53 0.00	56.73 0.89 0.00	51.16 0.85 0.00	46.81 0.87 0.00	40.80 0.88 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.89 2.05 0.00	40.15 1.88 0.00	37.01 1.66 0.00	35.07 1.54 0.00	34.43 1.42 0.00	35.48 1.33 0.00	34.84 1.15 0.00	36.58 1.37 0.00	33.12 1.43 0.00	33.63 1.66 0.00	33.99 1.68 0.00	35.43 1.72 0.00	37.86 2.04 0.00	41.93 2.26 0.00	44.88 2.50 0.00	46.31 2.66 0.00	52.08 2.95 0.00	57.54 2.74 0.00	59.72 2.30 0.00	60.67 1.94 0.00	57.96 2.12 0.00	52.11 1.81 0.00	47.78 1.84 0.00	41.56 1.64 0.00
N.QUEENS_27_KV_LOAD 356247	44.31 2.47 0.00	40.46 2.18 0.00	37.19 1.84 0.00	35.24 1.71 0.00	34.53 1.52 0.00	35.34 1.20 0.00	34.74 1.04 0.00	36.55 1.34 0.00	33.28 1.58 0.00	33.83 1.85 0.00	34.19 1.87 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.05 2.67 0.00	46.53 2.88 0.00	52.18 3.05 0.00	57.32 2.52 0.00	59.15 1.72 0.00	60.08 1.35 0.00	57.56 1.73 0.01	51.91 1.61 0.00	47.73 1.79 0.00	41.56 1.64 0.00
N.TROY___115KV_TB1 355778	42.76 0.92 0.00	39.31 1.03 0.00	36.38 1.03 0.00	34.50 0.97 0.00	33.87 0.86 0.00	35.00 0.85 0.00	34.33 0.64 0.00	35.77 0.56 0.00	32.05 0.35 0.00	32.26 0.29 0.00	32.61 0.29 0.00	33.94 0.24 0.00	36.03 0.21 0.00	39.86 0.20 0.00	42.68 0.30 0.00	44.04 0.39 0.00	49.52 0.39 0.00	55.40 0.60 0.00	58.11 0.69 0.00	59.55 0.82 0.00	57.01 1.17 0.00	51.31 1.01 0.00	46.86 0.92 0.00	40.80 0.88 0.00
NARROWS_GT1_1 24228	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT1_2 24229	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00

NARROWS_GT1_3 24230	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT1_4 24231	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT1_5 24232	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT1_6 24233	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT1_7 24234	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT1_8 24235	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT2_1 24236	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT2_2 24237	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT2_3 24238	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT2_4 24239	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT2_5 24240	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT2_6 24241	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT2_7 24242	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NARROWS_GT2_8 24243	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.30 1.46 0.00	39.73 1.45 0.00	36.77 1.41 0.00	34.90 1.37 0.00	34.30 1.29 0.00	35.38 1.23 0.00	34.67 0.98 0.00	35.95 0.74 0.00	32.01 0.32 0.00	32.10 0.13 0.00	32.38 0.06 0.00	33.78 0.07 0.00	35.85 0.04 0.00	39.78 0.12 0.00	42.59 0.21 0.00	43.96 0.31 0.00	49.47 0.34 0.00	55.62 0.82 0.00	58.69 1.26 0.00	60.31 1.59 0.00	57.57 1.73 0.00	51.76 1.46 0.00	47.23 1.29 0.00	41.16 1.24 0.00

NCHELSEA_115KV_TR2 355582	44.05 2.22 0.00	40.34 2.07 0.00	37.23 1.87 0.00	35.27 1.74 0.00	34.63 1.62 0.00	35.68 1.54 0.00	35.01 1.31 0.00	36.69 1.48 0.00	33.16 1.46 0.00	33.54 1.57 0.00	33.90 1.58 0.00	35.36 1.65 0.00	37.71 1.90 0.00	41.85 2.18 0.00	44.79 2.42 0.00	46.23 2.58 0.00	51.98 2.85 0.00	57.65 2.85 0.00	59.95 2.53 0.00	61.02 2.29 0.00	58.29 2.46 0.00	52.37 2.06 0.00	47.96 2.02 0.00	41.72 1.80 0.00
NEG CAPITAL___MECHNVIL 23645	43.39 1.55 0.00	39.85 1.57 0.00	36.80 1.45 0.00	34.80 1.27 0.00	34.26 1.25 0.00	35.34 1.19 0.00	34.70 1.01 0.00	36.12 0.91 0.00	32.27 0.57 0.00	32.39 0.41 0.00	32.64 0.32 0.00	34.01 0.30 0.00	36.14 0.32 0.00	39.98 0.32 0.00	42.85 0.47 0.00	44.18 0.53 0.00	49.82 0.69 0.00	55.90 1.10 0.00	58.98 1.55 0.00	60.61 1.88 0.00	57.96 2.12 0.00	52.16 1.86 0.00	47.59 1.65 0.00	41.36 1.44 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.67 -1.17 0.00	37.21 -1.07 0.00	34.12 -1.24 0.00	32.22 -1.31 0.00	31.76 -1.25 0.00	32.81 -1.33 0.00	32.38 -1.31 0.00	33.98 -1.23 0.00	30.91 -0.79 0.00	31.11 -0.86 0.00	31.44 -0.87 0.00	32.93 -0.78 0.00	35.06 -0.75 0.00	39.15 -0.52 0.00	41.62 -0.76 0.00	42.82 -0.83 0.00	48.15 -0.98 0.00	54.42 -0.38 0.00	57.31 -0.11 0.00	58.26 -0.47 0.00	54.50 -1.34 0.00	49.20 -1.11 0.00	44.93 -1.01 0.00	38.77 -1.16 0.00
NEG CENTRAL___DRP 24199	41.75 -0.08 0.00	38.20 -0.08 0.00	35.14 -0.21 0.00	33.26 -0.27 0.00	32.71 -0.30 0.00	33.87 -0.27 0.00	33.36 -0.34 0.00	34.82 -0.39 0.00	31.38 -0.32 0.00	31.59 -0.38 0.00	31.93 -0.39 0.00	33.41 -0.30 0.00	35.53 -0.29 0.00	39.59 -0.08 0.00	42.17 -0.21 0.00	43.43 -0.22 0.00	48.88 -0.25 0.00	55.13 0.33 0.00	58.81 0.52 -0.87	60.27 0.53 -1.01	56.93 0.06 -1.04	51.23 0.05 -0.87	46.63 0.05 -0.64	39.82 -0.16 -0.06
NEG CENTRAL___INDECK 23768	42.76 0.92 0.00	38.97 0.69 0.00	35.57 0.21 0.00	33.70 0.17 0.00	33.14 0.13 0.00	34.35 0.21 0.00	33.76 0.07 0.00	35.03 -0.18 0.00	31.57 -0.13 0.00	31.78 -0.19 0.00	31.96 -0.35 0.00	33.47 -0.23 0.00	35.71 -0.11 0.00	39.95 0.28 0.00	42.59 0.21 0.00	43.78 0.13 0.00	49.33 0.20 0.00	56.33 1.53 0.00	60.13 2.70 0.00	61.55 2.82 0.00	57.91 2.07 0.00	51.96 1.66 0.00	47.18 1.24 0.00	40.60 0.68 0.00
NEG CENTRAL___SENECA 23627	41.84 0.00 0.00	38.28 0.00 0.00	35.11 -0.25 0.00	33.19 -0.34 0.00	32.71 -0.30 0.00	33.84 -0.31 0.00	33.32 -0.37 0.00	34.82 -0.39 0.00	31.41 -0.29 0.00	31.59 -0.38 0.00	31.89 -0.42 0.00	33.41 -0.30 0.00	35.57 -0.25 0.00	39.71 0.04 0.00	42.25 -0.13 0.00	43.56 -0.09 0.00	48.98 -0.15 0.00	55.35 0.55 0.00	58.55 0.69 0.00	59.87 0.65 -0.50	56.40 0.06 -0.51	50.83 0.10 -0.43	46.44 0.18 -0.32	39.87 -0.08 -0.03
NEG CENTRAL___STATE_STREET 24147	41.80 -0.04 0.00	38.28 0.00 0.00	35.25 -0.11 0.00	33.36 -0.17 0.00	32.85 -0.17 0.00	33.98 -0.17 0.00	33.46 -0.24 0.00	34.93 -0.28 0.00	31.44 -0.25 0.00	31.65 -0.32 0.00	31.99 -0.32 0.00	33.47 -0.24 0.00	35.53 -0.29 0.00	39.55 -0.12 0.00	42.12 -0.25 0.00	43.43 -0.22 0.00	48.93 -0.20 0.00	55.08 0.27 0.00	59.24 0.63 -1.19	60.81 0.70 -1.37	57.58 0.34 -1.41	51.69 0.20 -1.19	46.91 0.09 -0.88	39.93 -0.08 -0.08
NEG MILLWOOD___DRP 24198	44.22 2.38 0.00	40.50 2.22 0.00	37.37 2.02 0.00	35.41 1.88 0.00	34.76 1.75 0.00	35.79 1.64 0.00	35.11 1.42 0.00	36.86 1.65 0.00	33.41 1.71 0.00	33.79 1.82 0.00	34.12 1.81 0.00	35.56 1.85 0.00	37.96 2.15 0.00	42.12 2.46 0.00	45.05 2.67 0.00	46.49 2.84 0.00	52.18 3.05 0.00	57.93 3.12 0.00	60.30 2.87 0.00	61.37 2.64 0.00	58.63 2.79 0.00	52.67 2.36 0.00	48.24 2.30 0.00	41.92 2.00 0.00
NEG NORTH_FLCN_SEA 23793	42.59 0.75 0.00	38.74 0.46 0.00	35.74 0.39 0.00	33.86 0.34 0.00	33.47 0.46 0.00	34.73 0.58 0.00	34.44 0.74 0.00	35.88 0.67 0.00	32.27 0.57 0.00	32.55 0.58 0.00	32.90 0.58 0.00	34.28 0.57 0.00	36.46 0.64 0.00	40.34 0.67 0.00	43.10 0.72 0.00	44.31 0.65 0.00	49.96 0.84 0.00	55.62 0.82 0.00	58.46 1.03 0.00	59.96 1.23 0.00	56.95 1.12 0.00	51.36 1.06 0.00	46.86 0.92 0.00	40.80 0.88 0.00
NEG NORTH_KES_CHATEGAY 23792	42.17 0.33 0.00	38.35 0.08 0.00	35.42 0.07 0.00	33.56 0.03 0.00	33.14 0.13 0.00	34.42 0.27 0.00	34.10 0.40 0.00	35.52 0.32 0.00	31.89 0.19 0.00	32.13 0.16 0.00	32.48 0.16 0.00	33.84 0.13 0.00	35.96 0.14 0.00	39.78 0.12 0.00	42.51 0.13 0.00	43.74 0.09 0.00	49.33 0.20 0.00	54.91 0.11 0.00	57.77 0.34 0.00	59.32 0.59 0.00	56.40 0.56 0.00	50.86 0.55 0.00	46.40 0.46 0.00	40.40 0.48 0.00
NEG NORTH___ALICE_FALLS 23915	42.72 0.88 0.00	38.81 0.54 0.00	35.81 0.46 0.00	33.93 0.40 0.00	33.51 0.50 0.00	34.79 0.65 0.00	34.50 0.81 0.00	35.95 0.74 0.00	32.30 0.60 0.00	32.55 0.58 0.00	32.90 0.58 0.00	34.28 0.57 0.00	36.50 0.68 0.00	40.34 0.67 0.00	43.14 0.76 0.00	44.35 0.70 0.00	50.01 0.88 0.00	55.68 0.88 0.00	58.57 1.15 0.00	60.20 1.47 0.00	57.12 1.28 0.00	51.51 1.21 0.00	46.95 1.01 0.00	40.96 1.04 0.00
NEG NORTH___LWR_SARANAC 23913	42.72 0.88 0.00	38.81 0.54 0.00	35.81 0.46 0.00	33.93 0.40 0.00	33.51 0.50 0.00	34.79 0.65 0.00	34.50 0.81 0.00	35.95 0.74 0.00	32.30 0.60 0.00	32.55 0.58 0.00	32.90 0.58 0.00	34.28 0.57 0.00	36.50 0.68 0.00	40.34 0.67 0.00	43.14 0.76 0.00	44.35 0.70 0.00	50.01 0.88 0.00	55.68 0.88 0.00	58.57 1.15 0.00	60.20 1.47 0.00	57.12 1.28 0.00	51.51 1.21 0.00	46.95 1.01 0.00	40.96 1.04 0.00
NEG NORTH___PLATTSBURG 23628	42.72 0.88 0.00	38.81 0.54 0.00	35.81 0.46 0.00	33.93 0.40 0.00	33.51 0.50 0.00	34.76 0.62 0.00	34.50 0.81 0.00	35.91 0.70 0.00	32.30 0.60 0.00	32.55 0.58 0.00	32.90 0.58 0.00	34.28 0.57 0.00	36.49 0.68 0.00	40.34 0.67 0.00	43.14 0.76 0.00	44.35 0.70 0.00	50.01 0.89 0.00	55.84 1.04 0.00	58.57 1.15 0.00	60.20 1.47 0.00	57.12 1.29 0.00	51.51 1.21 0.00	46.95 1.01 0.00	40.96 1.04 0.00
NEG WEST_LEA_LOCKPORT 23791	40.33 -1.51 0.00	36.63 -1.65 0.00	33.34 -2.02 0.00	31.45 -2.08 0.00	30.96 -2.05 0.00	31.93 -2.22 0.00	31.54 -2.16 0.00	33.24 -1.97 0.00	30.65 -1.05 0.00	30.69 -1.28 0.00	30.93 -1.39 0.00	32.50 -1.21 0.00	34.71 -1.11 0.00	38.95 -0.71 0.00	41.28 -1.10 0.00	42.52 -1.13 0.00	47.56 -1.57 0.00	54.25 -0.55 0.00	57.20 -0.23 0.00	57.67 -1.06 0.00	53.21 -2.62 0.00	48.29 -2.01 0.00	44.24 -1.70 0.00	38.25 -1.68 0.00
NEG WEST___LANCASTR 23811	39.91 -1.92 0.00	36.44 -1.84 0.00	33.20 -2.16 0.00	31.28 -2.25 0.00	30.80 -2.21 0.00	31.76 -2.39 0.00	31.37 -2.32 0.00	32.88 -2.32 0.00	30.27 -1.43 0.00	30.41 -1.57 0.00	30.60 -1.71 0.00	32.19 -1.52 0.00	34.42 -1.40 0.00	38.71 -0.95 0.00	41.02 -1.36 0.00	42.34 -1.31 0.00	47.36 -1.77 0.00	54.14 -0.66 0.00	57.14 -0.29 0.00	57.44 -1.29 0.00	52.99 -2.85 0.00	47.99 -2.31 0.00	43.78 -2.16 0.00	38.05 -1.88 0.00

NEG_PENN_ALLEGHNY 23528	42.01 0.17 0.00	38.47 0.19 0.00	35.39 0.04 0.00	33.56 0.03 0.00	33.01 0.00 0.00	34.15 0.00 0.00	33.56 -0.13 0.00	35.03 -0.18 0.00	31.57 -0.13 0.00	31.91 -0.06 0.00	32.28 -0.03 0.00	33.74 0.03 0.00	35.96 0.14 0.00	39.98 0.32 0.00	42.68 0.30 0.00	43.96 0.31 0.00	49.52 0.39 0.00	55.63 0.82 0.00	59.18 1.21 -0.55	60.42 1.06 -0.64	57.16 0.67 -0.65	51.21 0.35 -0.55	46.58 0.23 -0.41	40.08 0.12 -0.04
NEG___GEN_MONROE 24207	41.33 -0.50 0.00	37.74 -0.54 0.00	34.50 -0.85 0.00	32.52 -1.01 0.00	32.09 -0.92 0.00	33.12 -1.02 0.00	32.72 -0.98 0.00	34.26 -0.95 0.00	31.25 -0.44 0.00	31.40 -0.58 0.00	31.70 -0.61 0.00	33.20 -0.51 0.00	35.42 -0.39 0.00	39.59 -0.08 0.00	42.12 -0.25 0.00	43.30 -0.35 0.00	48.64 -0.49 0.00	55.30 0.49 0.00	58.34 0.92 0.00	59.26 0.53 0.00	55.22 -0.61 0.00	49.95 -0.35 0.00	45.62 -0.32 0.00	39.33 -0.60 0.00
NEPA___ENERGY 23901	40.83 -1.00 0.00	37.32 -0.96 0.00	34.08 -1.27 0.00	32.19 -1.34 0.00	31.69 -1.32 0.00	32.71 -1.43 0.00	32.28 -1.42 0.00	33.80 -1.41 0.00	30.97 -0.73 0.00	31.24 -0.74 0.00	31.60 -0.71 0.00	33.20 -0.51 0.00	35.46 -0.36 0.00	39.78 0.12 0.00	42.21 -0.17 0.00	43.56 -0.09 0.00	48.88 -0.25 0.00	55.68 0.88 0.00	58.69 1.26 0.00	59.20 0.47 0.00	54.67 -1.17 0.00	49.25 -1.06 0.00	44.88 -1.06 0.00	39.01 -0.92 0.00
NEVERSINK___HYD 23608	44.05 2.22 0.00	40.30 2.03 0.00	37.19 1.84 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.61 1.47 0.00	34.94 1.25 0.00	36.62 1.41 0.00	33.03 1.33 0.00	33.31 1.34 0.00	33.67 1.36 0.00	35.12 1.42 0.00	37.53 1.72 0.00	41.73 2.06 0.00	44.62 2.24 0.00	46.05 2.40 0.00	51.93 2.80 0.00	57.65 2.85 0.00	60.24 2.81 0.00	61.43 2.70 0.00	58.35 2.52 0.00	52.51 2.21 0.00	48.10 2.16 0.00	41.76 1.84 0.00
NEWKRMKL_115KV_TB1 55635	42.17 0.33 0.00	38.81 0.54 0.00	35.92 0.57 0.00	34.10 0.57 0.00	33.47 0.46 0.00	34.59 0.44 0.00	33.96 0.27 0.00	35.38 0.18 0.00	31.73 0.03 0.00	31.97 0.00 0.00	32.35 0.03 0.00	33.71 0.00 0.00	35.82 0.00 0.00	39.63 -0.04 0.00	42.34 -0.04 0.00	43.65 0.00 0.00	48.98 -0.15 0.00	54.69 -0.11 0.00	57.31 -0.11 0.00	58.67 -0.06 0.00	56.06 0.22 0.00	50.45 0.15 0.00	46.08 0.14 0.00	40.24 0.32 0.00
NEWTON___FALLS_HYD 23847	42.92 1.09 0.00	39.12 0.84 0.00	36.02 0.67 0.00	34.20 0.67 0.00	33.84 0.83 0.00	35.03 0.89 0.00	34.54 0.84 0.00	35.95 0.74 0.00	31.98 0.29 0.00	32.16 0.19 0.00	32.48 0.16 0.00	33.94 0.24 0.00	36.07 0.25 0.00	40.02 0.36 0.00	42.72 0.34 0.00	43.74 0.09 0.00	49.52 0.39 0.00	55.46 0.66 0.00	59.53 1.38 -0.73	61.92 2.35 -0.84	58.77 2.07 -0.86	53.14 2.11 -0.73	48.13 1.65 -0.54	41.29 1.32 -0.05
NGRID_A1_DSASP 323792	39.37 -2.47 0.00	36.71 -1.57 0.00	33.41 -1.94 0.00	31.52 -2.01 0.00	31.06 -1.95 0.00	31.99 -2.15 0.00	31.64 -2.06 0.00	33.38 -1.83 0.00	30.84 -0.86 0.00	30.76 -1.21 0.00	30.83 -1.49 0.00	32.26 -1.45 0.00	34.45 -1.36 0.00	38.67 -0.99 0.00	40.81 -1.57 0.00	42.04 -1.62 0.00	46.97 -2.16 0.00	53.49 -1.32 0.00	56.28 -1.15 0.00	56.73 -2.00 0.00	52.38 -3.46 0.00	47.54 -2.77 0.00	44.01 -1.93 0.00	38.21 -1.72 0.00
NGRID_A2_DSASP 323793	39.37 -2.47 0.00	36.71 -1.57 0.00	33.41 -1.94 0.00	31.52 -2.01 0.00	31.06 -1.95 0.00	31.99 -2.15 0.00	31.64 -2.06 0.00	33.38 -1.83 0.00	30.84 -0.86 0.00	30.76 -1.21 0.00	30.83 -1.49 0.00	32.26 -1.45 0.00	34.45 -1.36 0.00	38.67 -0.99 0.00	40.81 -1.57 0.00	42.04 -1.62 0.00	46.97 -2.16 0.00	53.49 -1.32 0.00	56.28 -1.15 0.00	56.73 -2.00 0.00	52.38 -3.46 0.00	47.54 -2.77 0.00	44.01 -1.93 0.00	38.21 -1.72 0.00
NGRID_A4_DSASP 323807	39.37 -2.47 0.00	36.71 -1.57 0.00	33.41 -1.94 0.00	31.52 -2.01 0.00	31.06 -1.95 0.00	31.99 -2.15 0.00	31.64 -2.06 0.00	33.38 -1.83 0.00	30.84 -0.86 0.00	30.76 -1.21 0.00	30.83 -1.49 0.00	32.26 -1.45 0.00	34.45 -1.36 0.00	38.67 -0.99 0.00	40.81 -1.57 0.00	42.04 -1.62 0.00	46.97 -2.16 0.00	53.49 -1.32 0.00	56.28 -1.15 0.00	56.73 -2.00 0.00	52.38 -3.46 0.00	47.54 -2.77 0.00	44.01 -1.93 0.00	38.21 -1.72 0.00
NIAGARA_115E_LBMP 323715	39.87 -1.97 0.00	35.87 -2.41 0.00	32.60 -2.76 0.00	30.91 -2.62 0.00	30.34 -2.67 0.00	31.38 -2.76 0.00	30.93 -2.76 0.00	32.36 -2.85 0.00	29.83 -1.87 0.00	30.24 -1.73 0.00	30.47 -1.84 0.00	31.99 -1.72 0.00	34.17 -1.65 0.00	38.32 -1.35 0.00	40.81 -1.57 0.00	41.78 -1.88 0.00	46.72 -2.41 0.00	53.21 -1.59 0.00	56.22 -1.21 0.00	56.56 -2.17 0.00	52.77 -3.07 0.00	47.54 -2.77 0.00	43.41 -2.53 0.00	37.53 -2.39 0.00
NIAGARA_115W_LBMP 323714	39.24 -2.59 0.00	36.59 -1.68 0.00	33.30 -2.05 0.00	31.58 -1.95 0.00	31.00 -2.01 0.00	32.06 -2.08 0.00	31.57 -2.12 0.00	33.06 -2.15 0.00	30.53 -1.17 0.00	30.79 -1.18 0.00	30.83 -1.49 0.00	32.23 -1.48 0.00	34.42 -1.40 0.00	38.60 -1.07 0.00	41.02 -1.36 0.00	41.95 -1.70 0.00	46.87 -2.26 0.00	53.32 -1.48 0.00	56.28 -1.15 0.00	56.62 -2.11 0.00	52.88 -2.96 0.00	47.59 -2.72 0.00	43.97 -1.97 0.00	38.17 -1.76 0.00
NIAGARA_230_LBMP 323716	39.87 -1.97 0.00	36.48 -1.80 0.00	33.16 -2.19 0.00	31.45 -2.08 0.00	30.87 -2.15 0.00	31.93 -2.22 0.00	31.47 -2.22 0.00	32.95 -2.25 0.00	30.40 -1.30 0.00	30.82 -1.15 0.00	31.09 -1.23 0.00	32.56 -1.15 0.00	34.78 -1.04 0.00	38.95 -0.71 0.00	41.53 -0.85 0.00	42.52 -1.14 0.00	47.51 -1.62 0.00	54.03 -0.77 0.00	57.03 -0.40 0.00	57.44 -1.29 0.00	53.60 -2.24 0.00	48.29 -2.01 0.00	44.20 -1.75 0.00	38.17 -1.76 0.00
NIAGARA___115KV_198_GIBSON 55903	39.24 -2.59 0.00	36.67 -1.61 0.00	33.41 -1.94 0.00	31.48 -2.05 0.00	31.03 -1.98 0.00	31.96 -2.19 0.00	31.60 -2.09 0.00	33.34 -1.87 0.00	30.84 -0.86 0.00	30.72 -1.25 0.00	30.76 -1.55 0.00	32.19 -1.52 0.00	34.38 -1.43 0.00	38.59 -1.07 0.00	40.73 -1.65 0.00	41.95 -1.70 0.00	46.82 -2.31 0.00	53.32 -1.48 0.00	56.16 -1.26 0.00	56.56 -2.17 0.00	52.26 -3.57 0.00	47.44 -2.87 0.00	43.97 -1.98 0.00	38.17 -1.76 0.00
NIAGARA____ 23760	39.87 -1.97 0.00	36.48 -1.80 0.00	33.16 -2.19 0.00	31.45 -2.08 0.00	30.87 -2.15 0.00	31.93 -2.22 0.00	31.47 -2.22 0.00	32.95 -2.25 0.00	30.40 -1.30 0.00	30.82 -1.15 0.00	31.09 -1.23 0.00	32.56 -1.15 0.00	34.78 -1.04 0.00	38.95 -0.71 0.00	41.53 -0.85 0.00	42.52 -1.14 0.00	47.51 -1.62 0.00	54.03 -0.77 0.00	57.03 -0.40 0.00	57.44 -1.29 0.00	53.60 -2.24 0.00	48.29 -2.01 0.00	44.20 -1.75 0.00	38.17 -1.76 0.00
NINE_MILE_1 23575	40.46 -1.38 0.00	37.13 -1.15 0.00	34.29 -1.06 0.00	32.59 -0.94 0.00	32.05 -0.96 0.00	33.19 -0.96 0.00	32.68 -1.01 0.00	34.15 -1.06 0.00	30.78 -0.92 0.00	31.04 -0.93 0.00	31.38 -0.94 0.00	32.76 -0.94 0.00	34.67 -1.15 0.00	38.39 -1.27 0.00	40.98 -1.40 0.00	42.21 -1.44 0.00	47.51 -1.62 0.00	53.16 -1.64 0.00	46.39 -1.61 9.43	46.17 -1.64 10.92	42.96 -1.67 11.20	39.28 -1.56 9.46	37.46 -1.51 6.97	37.93 -1.36 0.64

NINE_MILE_2 23744	40.46 -1.38 0.00	37.13 -1.15 0.00	34.29 -1.06 0.00	32.59 -0.94 0.00	32.09 -0.92 0.00	33.19 -0.96 0.00	32.68 -1.01 0.00	34.15 -1.06 0.00	30.78 -0.92 0.00	31.08 -0.90 0.00	31.38 -0.94 0.00	32.76 -0.94 0.00	34.67 -1.15 0.00	38.39 -1.27 0.00	40.98 -1.40 0.00	42.21 -1.44 0.00	47.51 -1.62 0.00	53.16 -1.64 0.00	46.24 -1.61 9.57	46.00 -1.64 11.08	42.80 -1.67 11.37	39.14 -1.56 9.60	37.36 -1.51 7.07	37.92 -1.36 0.65
NM_CAPITAL___DRP 24208	42.26 0.42 0.00	38.89 0.61 0.00	35.99 0.64 0.00	34.17 0.64 0.00	33.54 0.53 0.00	34.66 0.51 0.00	34.00 0.30 0.00	35.45 0.25 0.00	31.82 0.13 0.00	32.07 0.10 0.00	32.44 0.13 0.00	33.78 0.07 0.00	35.89 0.07 0.00	39.71 0.04 0.00	42.42 0.04 0.00	43.78 0.13 0.00	49.13 0.00 0.00	54.86 0.05 0.00	57.43 0.00 0.00	58.73 0.00 0.00	56.17 0.34 0.00	50.55 0.25 0.00	46.22 0.28 0.00	40.32 0.40 0.00
NM_CENTRAL___DRP 24181	41.25 -0.59 0.00	37.82 -0.46 0.00	34.89 -0.46 0.00	33.06 -0.47 0.00	32.55 -0.46 0.00	33.67 -0.48 0.00	33.15 -0.54 0.00	34.64 -0.56 0.00	31.25 -0.44 0.00	31.52 -0.45 0.00	31.86 -0.45 0.00	33.30 -0.40 0.00	35.31 -0.50 0.00	39.19 -0.48 0.00	41.79 -0.59 0.00	43.08 -0.57 0.00	48.49 -0.64 0.00	54.36 -0.44 0.00	57.82 -0.29 -0.69	59.23 -0.29 -0.79	56.09 -0.56 -0.81	50.44 -0.55 -0.69	45.85 -0.60 -0.51	39.37 -0.60 -0.05
NM_FRONTIER___DRP 24179	39.24 -2.59 0.00	36.67 -1.61 0.00	33.41 -1.94 0.00	31.48 -2.05 0.00	31.03 -1.98 0.00	31.96 -2.19 0.00	31.60 -2.09 0.00	33.34 -1.87 0.00	30.84 -0.86 0.00	30.72 -1.25 0.00	30.76 -1.55 0.00	32.19 -1.52 0.00	34.38 -1.43 0.00	38.59 -1.07 0.00	40.73 -1.65 0.00	41.95 -1.70 0.00	46.82 -2.31 0.00	53.32 -1.48 0.00	56.16 -1.26 0.00	56.56 -2.17 0.00	52.26 -3.57 0.00	47.44 -2.87 0.00	43.97 -1.98 0.00	38.17 -1.76 0.00
NM_ST_REGIS___HYD 24053	42.34 0.50 0.00	38.47 0.19 0.00	35.46 0.11 0.00	33.63 0.10 0.00	33.34 0.33 0.00	34.62 0.48 0.00	34.30 0.61 0.00	35.67 0.46 0.00	31.95 0.25 0.00	32.23 0.26 0.00	32.57 0.26 0.00	34.01 0.30 0.00	36.17 0.36 0.00	40.02 0.36 0.00	42.76 0.38 0.00	43.87 0.22 0.00	49.52 0.39 0.00	55.08 0.27 0.00	58.36 0.63 -0.31	60.26 1.17 -0.35	57.26 1.06 -0.36	51.72 1.11 -0.31	47.04 0.87 -0.23	40.78 0.84 -0.02
NORTHPORT___1 23551	44.85 3.01 0.00	41.07 2.79 0.00	37.65 2.30 0.00	35.34 1.81 0.00	34.66 1.65 0.00	35.68 1.54 0.00	35.01 1.31 0.00	37.00 1.79 0.00	33.70 2.00 0.00	36.67 2.59 -2.11	37.85 2.39 -3.14	42.28 2.36 -6.21	45.91 2.83 -7.26	47.57 2.94 -4.97	48.25 3.09 -2.78	49.08 3.28 -2.16	52.79 3.44 -0.22	59.05 3.01 -1.24	60.68 2.41 -0.84	62.00 1.82 -1.45	58.79 1.90 -1.05	52.14 1.61 -0.23	48.06 2.11 0.00	42.60 2.68 0.00
NORTHPORT___2 23552	44.85 3.01 0.00	41.07 2.79 0.00	37.65 2.30 0.00	35.34 1.81 0.00	34.66 1.65 0.00	35.68 1.54 0.00	35.01 1.31 0.00	37.00 1.79 0.00	33.70 2.00 0.00	36.67 2.59 -2.11	37.85 2.39 -3.14	42.28 2.36 -6.21	45.91 2.83 -7.26	47.57 2.94 -4.97	48.25 3.09 -2.78	49.08 3.28 -2.16	52.57 3.44 0.00	58.29 3.01 -0.48	58.95 2.41 0.89	50.30 1.82 10.25	50.30 1.90 7.44	50.25 1.61 1.66	48.06 2.11 0.00	42.60 2.68 0.00
NORTHPORT___3 23553	44.85 3.01 0.00	41.03 2.76 0.00	37.62 2.26 0.00	35.34 1.81 0.00	34.63 1.62 0.00	35.65 1.50 0.00	34.97 1.28 0.00	36.97 1.76 0.00	33.66 1.97 0.00	36.64 2.56 -2.11	37.85 2.39 -3.14	42.28 2.36 -6.21	45.91 2.83 -7.26	47.57 2.94 -4.97	48.21 3.05 -2.78	49.04 3.23 -2.16	50.05 3.34 2.42	50.13 2.85 7.52	51.29 2.30 8.44	50.13 1.64 10.24	50.12 1.73 7.45	50.12 1.46 1.64	48.01 2.07 0.00	42.56 2.63 0.00
NORTHPORT___4 23650	44.85 3.01 0.00	41.03 2.76 0.00	37.62 2.26 0.00	35.34 1.81 0.00	34.63 1.62 0.00	35.65 1.50 0.00	34.97 1.28 0.00	36.97 1.76 0.00	33.66 1.97 0.00	36.64 2.56 -2.11	37.85 2.39 -3.14	42.28 2.36 -6.21	45.91 2.83 -7.26	47.57 2.94 -4.97	48.21 3.05 -2.78	49.04 3.23 -2.16	50.05 3.34 2.42	50.13 2.85 7.52	51.29 2.30 8.44	50.13 1.64 10.24	50.12 1.73 7.45	50.12 1.46 1.64	48.01 2.07 0.00	42.56 2.63 0.00
NORTHPORT___IC 23718	44.85 3.01 0.00	40.96 2.68 0.00	37.65 2.30 0.00	35.44 1.91 0.00	35.09 2.08 0.00	35.92 1.78 0.00	35.14 1.45 0.00	37.11 1.90 0.00	33.73 2.03 0.00	36.79 2.72 -2.11	37.98 2.52 -3.14	42.38 2.46 -6.21	45.91 2.83 -7.26	47.57 2.94 -4.97	48.25 3.09 -2.78	49.08 3.27 -2.16	52.60 3.24 -0.22	59.22 3.18 -1.24	59.68 2.41 0.15	50.62 1.94 10.05	50.62 2.07 7.29	49.93 1.26 1.63	48.15 2.21 0.00	42.48 2.56 0.00
NORTH___COUNTRY_ESR 323785	42.09 0.25 0.00	38.28 0.00 0.00	35.35 0.00 0.00	33.53 0.00 0.00	33.11 0.10 0.00	34.32 0.17 0.00	34.03 0.34 0.00	35.49 0.28 0.00	31.92 0.22 0.00	32.20 0.23 0.00	32.51 0.20 0.00	33.91 0.20 0.00	36.03 0.22 0.00	39.87 0.20 0.00	42.59 0.21 0.00	43.83 0.18 0.00	49.38 0.25 0.00	55.13 0.33 0.00	57.71 0.29 0.00	59.20 0.47 0.00	56.23 0.39 0.00	50.75 0.45 0.00	46.31 0.37 0.00	40.32 0.40 0.00
NPX_GEN_1385_PROXY 323591	44.26 2.43 0.00	41.07 2.79 0.00	37.37 2.01 0.00	35.11 1.58 0.00	34.20 1.19 0.00	35.44 1.30 0.00	34.77 1.08 0.00	35.01 1.55 1.74	34.96 1.52 -1.74	36.06 1.98 -2.11	37.20 1.74 -3.14	41.34 1.42 -6.21	44.83 1.75 -7.26	46.54 1.90 -4.97	47.15 1.99 -2.78	48.47 2.66 -2.16	52.40 3.05 -0.22	58.62 2.58 -1.24	60.17 2.01 -0.73	60.75 1.82 -0.20	57.89 1.90 -0.15	51.94 1.61 -0.03	47.73 1.79 0.00	42.60 2.68 0.00
NPX_GEN_CSC 323557	45.35 3.51 0.00	41.49 3.22 0.00	38.21 2.86 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.33 2.19 0.00	35.65 1.95 0.00	35.96 2.50 1.74	36.17 2.73 -1.74	37.53 3.45 -2.11	38.33 2.87 -3.14	42.62 2.70 -6.21	46.23 3.15 -7.26	48.21 3.57 -4.97	49.01 3.86 -2.78	50.00 4.19 -2.16	57.37 4.72 -3.52	67.22 4.39 -8.03	69.92 4.14 -8.36	64.02 3.40 -1.88	60.80 3.58 -1.39	53.70 3.12 -0.28	48.93 2.98 0.00	43.40 3.47 0.00
NSINS_S_GLNS_FALLS 23858	43.34 1.51 0.00	39.81 1.53 0.00	36.80 1.45 0.00	34.87 1.34 0.00	34.30 1.29 0.00	35.38 1.23 0.00	34.77 1.08 0.00	36.02 0.81 0.00	32.05 0.35 0.00	32.13 0.16 0.00	32.19 -0.13 0.00	33.57 -0.13 0.00	35.60 -0.21 0.00	39.23 -0.44 0.00	42.00 -0.38 0.00	43.30 -0.35 0.00	48.88 -0.25 0.00	55.24 0.44 0.00	58.75 1.32 0.00	60.67 1.94 0.00	58.24 2.40 0.00	52.31 2.01 0.00	47.69 1.75 0.00	41.32 1.40 0.00
NUCOR_STEEL___DRP 24197	41.84 0.00 0.00	38.35 0.08 0.00	35.32 -0.04 0.00	33.46 -0.07 0.00	32.94 -0.07 0.00	34.08 -0.07 0.00	33.56 -0.13 0.00	35.03 -0.18 0.00	31.54 -0.16 0.00	31.75 -0.22 0.00	32.09 -0.23 0.00	33.54 -0.17 0.00	35.60 -0.21 0.00	39.59 -0.08 0.00	42.17 -0.21 0.00	43.48 -0.17 0.00	48.98 -0.15 0.00	55.08 0.27 0.00	59.27 0.57 -1.27	60.91 0.70 -1.47	57.69 0.34 -1.51	51.78 0.20 -1.28	46.97 0.09 -0.94	39.97 -0.04 -0.09

NUMBER_THREE_WT_PWR 323818	43.51 1.68 0.00	39.77 1.49 0.00	36.62 1.27 0.00	34.80 1.27 0.00	34.36 1.35 0.00	35.51 1.37 0.00	34.87 1.18 0.00	36.30 1.09 0.00	32.17 0.48 0.00	32.29 0.32 0.00	32.57 0.26 0.00	34.05 0.34 0.00	36.14 0.32 0.00	40.22 0.56 0.00	42.89 0.51 0.00	43.78 0.13 0.00	49.77 0.64 0.00	56.06 1.26 0.00	60.47 2.18 -0.86	63.07 3.35 -0.99	59.93 3.07 -1.02	54.08 2.92 -0.86	48.92 2.34 -0.63	41.74 1.75 -0.06
NYISO_LBMP_REFERENCE 24008	41.84 0.00 0.00	38.28 0.00 0.00	35.35 0.00 0.00	33.53 0.00 0.00	33.01 0.00 0.00	34.15 0.00 0.00	33.69 0.00 0.00	35.21 0.00 0.00	31.70 0.00 0.00	31.97 0.00 0.00	32.31 0.00 0.00	33.71 0.00 0.00	35.82 0.00 0.00	39.67 0.00 0.00	42.38 0.00 0.00	43.65 0.00 0.00	49.13 0.00 0.00	54.80 0.00 0.00	57.43 0.00 0.00	58.73 0.00 0.00	55.84 0.00 0.00	50.30 0.00 0.00	45.94 0.00 0.00	39.93 0.00 0.00
NYPA_BRENTWD____GT 24164	45.52 3.68 0.00	41.57 3.29 0.00	38.11 2.76 0.00	35.81 2.28 0.00	35.12 2.11 0.00	36.13 1.98 0.00	35.41 1.72 0.00	37.46 2.26 0.00	34.14 2.44 0.00	37.15 3.07 -2.11	38.33 2.87 -3.14	42.78 2.86 -6.21	46.44 3.37 -7.26	48.29 3.65 -4.97	49.10 3.94 -2.78	50.04 4.23 -2.16	54.13 4.57 -0.43	60.15 4.33 -1.02	62.07 3.85 -0.80	61.92 3.17 -0.02	58.98 3.13 -0.02	53.02 2.71 0.00	48.88 2.94 0.00	43.16 3.23 0.00
NYPA_GOWANUS____GT5 24156	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NYPA_GOWANUS____GT6 24157	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.21 1.68 0.00	34.46 1.45 0.00	35.34 1.19 0.00	34.64 0.94 0.00	36.44 1.23 0.00	33.15 1.46 0.01	33.67 1.69 0.00	34.09 1.78 0.00	35.43 1.72 0.00	38.11 2.29 0.00	42.13 2.46 0.00	45.09 2.71 0.00	46.66 3.01 0.00	52.18 3.05 0.00	56.94 2.14 0.00	59.08 1.67 0.01	60.01 1.29 0.01	57.23 1.40 0.01	51.86 1.56 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NYPA_HARLEM__RVR__GT1 24160	44.27 2.43 0.00	40.46 2.18 0.00	37.15 1.80 0.00	35.11 1.58 0.00	34.36 1.35 0.00	35.20 1.06 0.01	34.56 0.87 0.01	36.43 1.23 0.01	33.21 1.52 0.01	33.63 1.66 0.01	34.02 1.71 0.01	35.35 1.65 0.01	38.04 2.22 0.00	42.05 2.38 0.00	44.96 2.59 0.00	46.53 2.88 0.00	52.02 2.90 0.01	57.00 2.19 0.00	59.02 1.61 0.01	59.89 1.17 0.01	57.17 1.34 0.01	51.70 1.41 0.01	47.68 1.75 0.01	41.52 1.60 0.00
NYPA_HARLEM__RVR__GT2 24161	44.27 2.43 0.00	40.46 2.18 0.00	37.15 1.80 0.00	35.11 1.58 0.00	34.36 1.35 0.00	35.20 1.06 0.01	34.56 0.87 0.01	36.43 1.23 0.01	33.21 1.52 0.01	33.63 1.66 0.01	34.02 1.71 0.01	35.35 1.65 0.01	38.04 2.22 0.00	42.05 2.38 0.00	44.96 2.59 0.00	46.53 2.88 0.00	52.02 2.90 0.01	57.00 2.19 0.00	59.02 1.61 0.01	59.89 1.17 0.01	57.17 1.34 0.01	51.70 1.41 0.01	47.68 1.75 0.01	41.52 1.60 0.00
NYPA_KENT____GT 24152	44.35 2.51 0.00	40.54 2.26 0.00	37.30 1.94 0.00	35.24 1.71 0.00	34.50 1.49 0.00	35.41 1.26 0.00	34.74 1.05 0.00	36.58 1.37 0.00	33.27 1.58 0.01	33.76 1.79 0.00	34.16 1.84 0.00	35.49 1.79 0.00	38.18 2.36 0.00	42.21 2.54 0.00	45.17 2.80 0.00	46.75 3.10 0.00	52.28 3.15 0.00	57.10 2.30 0.00	59.20 1.78 0.01	60.07 1.35 0.01	57.34 1.51 0.01	51.96 1.66 0.00	47.96 2.02 0.00	41.76 1.84 0.00
NYPA_POUCH1____GT 24155	44.31 2.47 0.00	40.46 2.18 0.00	37.19 1.84 0.00	35.14 1.61 0.00	34.40 1.39 0.00	35.24 1.09 0.00	34.54 0.84 0.00	36.33 1.13 0.00	33.02 1.33 0.01	33.54 1.57 0.00	33.96 1.65 0.00	35.29 1.58 0.00	37.96 2.15 0.00	41.97 2.30 0.00	44.96 2.59 0.00	46.53 2.88 0.00	51.93 2.80 0.00	56.61 1.81 0.00	58.79 1.38 0.01	59.72 1.00 0.01	56.89 1.06 0.01	51.66 1.36 0.00	47.83 1.88 0.00	41.64 1.72 0.00
NYPA_VERNON____GT2 24162	44.35 2.51 0.00	40.54 2.26 0.00	37.30 1.94 0.00	35.27 1.74 0.00	34.53 1.52 0.00	35.48 1.33 0.00	34.84 1.15 0.00	36.69 1.48 0.00	33.38 1.68 0.00	33.86 1.89 0.00	34.25 1.94 0.00	35.60 1.89 0.00	38.25 2.44 0.00	42.28 2.62 0.00	45.26 2.88 0.00	46.80 3.14 0.00	52.37 3.24 0.00	57.27 2.47 0.00	59.25 1.84 0.01	60.19 1.47 0.01	57.50 1.67 0.01	52.06 1.76 0.00	48.01 2.07 0.00	41.80 1.88 0.00
NYPA_VERNON____GT3 24163	44.35 2.51 0.00	40.54 2.26 0.00	37.30 1.94 0.00	35.27 1.74 0.00	34.53 1.52 0.00	35.48 1.33 0.00	34.84 1.15 0.00	36.69 1.48 0.00	33.38 1.68 0.00	33.86 1.89 0.00	34.25 1.94 0.00	35.60 1.89 0.00	38.25 2.44 0.00	42.28 2.62 0.00	45.26 2.88 0.00	46.80 3.14 0.00	52.37 3.24 0.00	57.27 2.47 0.00	59.25 1.84 0.01	60.19 1.47 0.01	57.50 1.67 0.01	52.06 1.76 0.00	48.01 2.07 0.00	41.80 1.88 0.00
NYPA__ASTORIA_CC1 323568	44.31 2.47 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.24 1.71 0.00	34.50 1.49 0.00	35.41 1.26 0.00	34.77 1.08 0.00	36.62 1.41 0.00	33.34 1.65 0.00	33.83 1.85 0.00	34.22 1.91 0.00	35.56 1.85 0.00	38.22 2.40 0.00	42.21 2.54 0.00	45.17 2.80 0.00	46.75 3.10 0.00	52.28 3.15 0.00	57.16 2.35 0.00	59.14 1.72 0.01	60.07 1.35 0.01	57.39 1.56 0.01	51.96 1.66 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NYPA__ASTORIA_CC2 323569	44.31 2.47 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.24 1.71 0.00	34.50 1.49 0.00	35.41 1.26 0.00	34.77 1.08 0.00	36.62 1.41 0.00	33.34 1.65 0.00	33.83 1.85 0.00	34.22 1.91 0.00	35.56 1.85 0.00	38.22 2.40 0.00	42.21 2.54 0.00	45.17 2.80 0.00	46.75 3.10 0.00	52.28 3.15 0.00	57.16 2.35 0.00	59.14 1.72 0.01	60.07 1.35 0.01	57.39 1.56 0.01	51.96 1.66 0.00	47.92 1.97 0.00	41.72 1.80 0.00
NYPA__HOLTSVILL 23794	45.18 3.35 0.00	41.38 3.10 0.00	37.97 2.62 0.00	35.64 2.11 0.00	34.99 1.98 0.00	36.02 1.88 0.00	35.31 1.62 0.00	37.36 2.15 0.00	34.08 2.38 0.00	37.12 3.04 -2.11	38.17 2.71 -3.14	42.58 2.66 -6.21	46.16 3.08 -7.26	48.01 3.37 -4.97	48.80 3.65 -2.78	49.74 3.93 -2.16	56.67 4.23 -3.31	65.93 3.78 -7.35	68.49 3.33 -7.73	63.13 2.65 -1.76	59.87 2.74 -1.30	53.03 2.46 -0.26	48.60 2.66 0.00	42.92 3.00 0.00
NYPA__HELLGATE_GT1 24158	44.27 2.43 0.00	40.46 2.18 0.00	37.15 1.80 0.00	35.11 1.58 0.00	34.36 1.35 0.00	35.20 1.06 0.01	34.56 0.87 0.01	36.43 1.23 0.01	33.21 1.52 0.01	33.63 1.66 0.01	34.02 1.71 0.01	35.35 1.65 0.01	38.04 2.22 0.00	42.05 2.38 0.00	44.96 2.59 0.00	46.53 2.88 0.00	52.02 2.90 0.01	57.00 2.19 0.00	59.02 1.61 0.01	59.89 1.17 0.01	57.17 1.34 0.01	51.70 1.41 0.01	47.68 1.75 0.01	41.52 1.60 0.00

NYPA____HELLGATE_GT2 24159	44.27 2.43 0.00	40.46 2.18 0.00	37.15 1.80 0.00	35.11 1.58 0.00	34.36 1.35 0.00	35.20 1.06 0.01	34.56 0.87 0.01	36.43 1.23 0.01	33.21 1.52 0.01	33.63 1.66 0.01	34.02 1.71 0.01	35.35 1.65 0.01	38.04 2.22 0.00	42.05 2.38 0.00	44.96 2.59 0.00	46.53 2.88 0.00	52.02 2.90 0.01	57.00 2.19 0.00	59.02 1.61 0.01	59.89 1.17 0.01	57.17 1.34 0.01	51.70 1.41 0.01	47.68 1.75 0.01	41.52 1.60 0.00
NYS_BARGE____HYD 23848	40.37 -1.47 0.00	36.52 -1.76 0.00	33.20 -2.16 0.00	31.48 -2.05 0.00	30.90 -2.11 0.00	31.96 -2.19 0.00	31.47 -2.22 0.00	32.92 -2.29 0.00	30.30 -1.39 0.00	30.72 -1.25 0.00	30.93 -1.39 0.00	32.46 -1.25 0.00	34.67 -1.15 0.00	38.91 -0.75 0.00	41.45 -0.93 0.00	42.47 -1.18 0.00	47.51 -1.62 0.00	54.15 -0.66 0.00	57.25 -0.17 0.00	57.61 -1.12 0.00	53.83 -2.01 0.00	48.39 -1.91 0.00	44.20 -1.75 0.00	38.17 -1.76 0.00
OAK_ORCHARD____HYD 24046	41.25 -0.59 0.00	37.66 -0.61 0.00	34.43 -0.92 0.00	32.63 -0.90 0.00	32.09 -0.92 0.00	33.19 -0.96 0.00	32.72 -0.98 0.00	34.22 -0.99 0.00	31.19 -0.51 0.00	31.59 -0.38 0.00	31.93 -0.39 0.00	33.44 -0.27 0.00	35.64 -0.18 0.00	39.79 0.12 0.00	42.46 0.08 0.00	43.48 -0.17 0.00	48.89 -0.24 0.00	55.35 0.55 0.00	58.40 0.98 0.00	59.20 0.47 0.00	55.56 -0.28 0.00	50.00 -0.30 0.00	45.57 -0.37 0.00	39.28 -0.64 0.00
OAKDALE__35_KV_LOAD 356122	41.88 0.04 0.00	38.35 0.08 0.00	35.28 -0.07 0.00	33.46 -0.07 0.00	32.91 -0.10 0.00	34.04 -0.10 0.00	33.49 -0.20 0.00	35.00 -0.21 0.00	31.57 -0.13 0.00	31.84 -0.13 0.00	32.19 -0.13 0.00	33.67 -0.03 0.00	35.85 0.04 0.00	39.86 0.20 0.00	42.51 0.13 0.00	43.83 0.17 0.00	49.38 0.25 0.00	55.51 0.71 0.00	58.88 0.92 -0.54	60.17 0.82 -0.62	56.75 0.28 -0.64	50.99 0.15 -0.54	46.38 0.05 -0.40	39.92 -0.04 -0.04
OCC_CHEM____DRP 24175	39.37 -2.47 0.00	36.71 -1.57 0.00	33.41 -1.94 0.00	31.52 -2.01 0.00	31.06 -1.95 0.00	31.99 -2.15 0.00	31.64 -2.06 0.00	33.38 -1.83 0.00	30.84 -0.86 0.00	30.76 -1.21 0.00	30.83 -1.49 0.00	32.26 -1.45 0.00	34.45 -1.36 0.00	38.67 -0.99 0.00	40.81 -1.57 0.00	42.04 -1.62 0.00	46.97 -2.16 0.00	53.49 -1.32 0.00	56.28 -1.15 0.00	56.73 -2.00 0.00	52.38 -3.46 0.00	47.54 -2.77 0.00	44.01 -1.93 0.00	38.21 -1.72 0.00
OH_GEN_PROXY 24063	39.91 -1.92 0.00	36.48 -1.80 0.00	33.20 -2.16 0.00	31.48 -2.05 0.00	30.90 -2.11 0.00	31.96 -2.19 0.00	31.50 -2.19 0.00	30.90 -2.25 0.00	32.45 -1.30 0.00	30.85 -1.12 0.00	31.12 -1.19 0.00	32.63 -1.08 0.00	34.81 -1.00 0.00	38.99 -0.67 0.00	41.57 -0.81 0.00	42.56 -1.09 0.00	47.61 -1.52 0.00	54.15 -0.66 0.00	57.14 -0.29 0.00	57.55 -1.17 0.00	53.72 -2.12 0.00	48.34 -1.96 0.00	44.24 -1.70 0.00	38.21 -1.72 0.00
OLIN_CORP_DRP 24177	39.91 -1.92 0.00	36.02 -2.26 0.00	32.81 -2.55 0.00	30.91 -2.62 0.00	30.47 -2.54 0.00	31.38 -2.77 0.00	31.03 -2.66 0.00	32.74 -2.46 0.00	30.24 -1.46 0.00	30.28 -1.69 0.00	30.50 -1.81 0.00	32.06 -1.65 0.00	34.24 -1.58 0.00	38.44 -1.23 0.00	40.68 -1.70 0.00	41.90 -1.75 0.00	46.82 -2.31 0.00	53.38 -1.42 0.00	56.22 -1.21 0.00	56.67 -2.06 0.00	52.32 -3.52 0.00	47.49 -2.82 0.00	43.55 -2.39 0.00	37.61 -2.32 0.00
OLIN_CORP_DSASP 323712	39.37 -2.47 0.00	36.71 -1.57 0.00	33.41 -1.94 0.00	31.52 -2.01 0.00	31.06 -1.95 0.00	31.99 -2.15 0.00	31.64 -2.06 0.00	33.38 -1.83 0.00	30.84 -0.86 0.00	30.76 -1.21 0.00	30.83 -1.49 0.00	32.26 -1.45 0.00	34.45 -1.36 0.00	38.67 -0.99 0.00	40.81 -1.57 0.00	42.04 -1.62 0.00	46.97 -2.16 0.00	53.49 -1.32 0.00	56.28 -1.15 0.00	56.73 -2.00 0.00	52.38 -3.46 0.00	47.54 -2.77 0.00	44.01 -1.93 0.00	38.21 -1.72 0.00
ONEIDA_HERK_LFGE 323681	43.05 1.21 0.00	39.39 1.11 0.00	36.31 0.95 0.00	34.47 0.94 0.00	34.00 0.99 0.00	35.14 0.99 0.00	34.50 0.81 0.00	36.02 0.81 0.00	32.08 0.38 0.00	32.26 0.29 0.00	32.57 0.26 0.00	34.01 0.30 0.00	36.14 0.32 0.00	40.18 0.51 0.00	42.89 0.51 0.00	43.96 0.31 0.00	49.82 0.69 0.00	55.90 1.10 0.00	59.52 1.67 -0.42	61.57 2.35 -0.49	58.46 2.12 -0.50	52.74 2.01 -0.42	47.86 1.61 -0.31	41.15 1.20 -0.03
ONEIDA____115KV_TB4 55905	42.80 0.96 0.00	39.20 0.92 0.00	36.17 0.81 0.00	34.30 0.77 0.00	33.77 0.76 0.00	34.90 0.75 0.00	34.30 0.61 0.00	35.77 0.56 0.00	31.98 0.29 0.00	32.16 0.19 0.00	32.48 0.16 0.00	33.94 0.24 0.00	36.07 0.25 0.00	40.10 0.44 0.00	42.80 0.42 0.00	44.00 0.35 0.00	49.77 0.64 0.00	55.90 1.10 0.00	59.35 1.49 -0.43	61.22 2.00 -0.49	58.08 1.73 -0.51	52.29 1.56 -0.43	47.50 1.24 -0.31	40.87 0.92 -0.03
ONONDAGA_REF_OCCRA 23987	41.46 -0.38 0.00	37.97 -0.31 0.00	35.03 -0.32 0.00	33.19 -0.34 0.00	32.68 -0.33 0.00	33.80 -0.34 0.00	33.29 -0.40 0.00	34.79 -0.42 0.00	31.35 -0.35 0.00	31.59 -0.38 0.00	31.93 -0.39 0.00	33.37 -0.34 0.00	35.42 -0.39 0.00	39.35 -0.32 0.00	41.95 -0.42 0.00	43.21 -0.44 0.00	48.69 -0.44 0.00	54.64 -0.16 0.00	58.30 0.00 -0.87	59.80 0.06 -1.01	56.65 -0.22 -1.04	50.88 -0.30 -0.88	46.22 -0.37 -0.65	39.55 -0.44 -0.06
ONONDAGA____COGEN 23986	41.50 -0.33 0.00	38.05 -0.23 0.00	35.11 -0.25 0.00	33.26 -0.27 0.00	32.75 -0.26 0.00	33.87 -0.27 0.00	33.36 -0.34 0.00	34.86 -0.35 0.00	31.41 -0.29 0.00	31.65 -0.32 0.00	31.99 -0.32 0.00	33.44 -0.27 0.00	35.46 -0.36 0.00	39.39 -0.28 0.00	42.00 -0.38 0.00	43.26 -0.39 0.00	48.74 -0.39 0.00	54.64 -0.16 0.00	58.90 0.06 -1.42	60.49 0.12 -1.65	57.36 -0.17 -1.69	51.53 -0.20 -1.43	46.71 -0.28 -1.05	39.66 -0.36 -0.10
ONTARIO____LFGE 23819	41.84 0.00 0.00	38.24 -0.04 0.00	35.07 -0.28 0.00	33.26 -0.27 0.00	32.68 -0.33 0.00	33.91 -0.24 0.00	33.32 -0.37 0.00	34.71 -0.49 0.00	31.32 -0.38 0.00	31.62 -0.35 0.00	31.96 -0.35 0.00	33.44 -0.27 0.00	35.60 -0.21 0.00	39.71 0.04 0.00	42.34 -0.04 0.00	43.56 -0.09 0.00	48.98 -0.15 0.00	55.29 0.49 0.00	58.60 0.74 -0.43	59.87 0.65 -0.50	56.91 0.56 -0.51	50.94 0.20 -0.43	46.44 0.18 -0.32	39.87 -0.08 -0.03
ORANGEVILLE_WT_PWR 323706	40.83 -1.00 0.00	37.28 -1.00 0.00	33.97 -1.38 0.00	32.22 -1.31 0.00	31.63 -1.39 0.00	32.74 -1.40 0.00	32.25 -1.45 0.00	33.52 -1.69 0.00	30.59 -1.11 0.00	30.92 -1.05 0.00	31.15 -1.16 0.00	32.66 -1.05 0.00	34.88 -0.93 0.00	39.07 -0.59 0.00	41.66 -0.72 0.00	42.82 -0.83 0.00	48.00 -1.13 0.00	54.69 -0.11 0.00	57.94 0.52 0.00	58.55 -0.18 0.00	54.94 -0.90 0.00	49.24 -1.06 0.00	44.84 -1.10 0.00	38.85 -1.08 0.00
ORANGEVILLE____ESR 323794	40.83 -1.00 0.00	37.28 -1.00 0.00	33.97 -1.38 0.00	32.22 -1.31 0.00	31.63 -1.39 0.00	32.74 -1.40 0.00	32.25 -1.45 0.00	33.52 -1.69 0.00	30.59 -1.11 0.00	30.92 -1.05 0.00	31.15 -1.16 0.00	32.66 -1.05 0.00	34.88 -0.93 0.00	39.07 -0.59 0.00	41.66 -0.72 0.00	42.82 -0.83 0.00	48.00 -1.13 0.00	54.69 -0.11 0.00	57.94 0.52 0.00	58.55 -0.18 0.00	54.94 -0.90 0.00	49.24 -1.06 0.00	44.84 -1.10 0.00	38.85 -1.08 0.00

OSWEGATCHIE___HYD 24044	42.92 1.09 0.00	39.12 0.84 0.00	36.02 0.67 0.00	34.20 0.67 0.00	33.84 0.83 0.00	35.03 0.89 0.00	34.54 0.84 0.00	35.95 0.74 0.00	31.98 0.28 0.00	32.16 0.19 0.00	32.48 0.16 0.00	33.95 0.24 0.00	36.07 0.25 0.00	40.02 0.36 0.00	42.72 0.34 0.00	43.74 0.09 0.00	49.52 0.39 0.00	55.63 0.82 0.00	59.53 1.38 -0.73	61.92 2.35 -0.84	58.82 2.12 -0.86	53.14 2.11 -0.73	48.13 1.65 -0.54	41.29 1.32 -0.05
OSWEGO___5 23606	40.88 -0.96 0.00	37.47 -0.81 0.00	34.61 -0.74 0.00	32.86 -0.67 0.00	32.35 -0.66 0.00	33.46 -0.68 0.00	32.95 -0.74 0.00	34.43 -0.77 0.00	31.03 -0.67 0.00	31.30 -0.67 0.00	31.63 -0.68 0.00	33.03 -0.67 0.00	34.99 -0.82 0.00	38.79 -0.87 0.00	41.41 -0.97 0.00	42.60 -1.05 0.00	48.00 -1.13 0.00	53.71 -1.10 0.00	62.81 -0.98 -6.36	65.09 -1.00 -7.36	62.33 -1.06 -7.55	55.62 -1.06 -6.38	49.63 -1.01 -4.70	39.40 -0.96 -0.43
OSWEGO___6 23613	40.88 -0.96 0.00	37.47 -0.81 0.00	34.61 -0.74 0.00	32.86 -0.67 0.00	32.35 -0.66 0.00	33.46 -0.68 0.00	32.95 -0.74 0.00	34.43 -0.77 0.00	31.03 -0.67 0.00	31.30 -0.67 0.00	31.63 -0.68 0.00	33.03 -0.67 0.00	34.99 -0.82 0.00	38.79 -0.87 0.00	41.41 -0.97 0.00	42.60 -1.05 0.00	48.00 -1.13 0.00	53.71 -1.10 0.00	62.81 -0.98 -6.36	65.09 -1.00 -7.36	62.33 -1.06 -7.55	55.62 -1.06 -6.38	49.63 -1.01 -4.70	39.40 -0.96 -0.43
OUTOKUMPU-AB___DRP 24206	40.37 -1.46 0.00	37.13 -1.15 0.00	33.80 -1.56 0.00	31.85 -1.68 0.00	31.36 -1.65 0.00	32.34 -1.81 0.00	31.94 -1.75 0.00	33.66 -1.55 0.00	31.03 -0.67 0.00	31.08 -0.90 0.00	31.22 -1.10 0.00	32.76 -0.94 0.00	35.03 -0.79 0.00	39.35 -0.32 0.00	41.62 -0.76 0.00	42.91 -0.74 0.00	47.95 -1.18 0.00	54.75 -0.05 0.00	57.71 0.29 0.00	58.08 -0.65 0.00	53.60 -2.23 0.00	48.64 -1.66 0.00	44.61 -1.33 0.00	38.69 -1.24 0.00
OXBOW___BTM 323836	39.91 -1.92 0.00	36.90 -1.38 0.00	33.55 -1.80 0.00	31.82 -1.71 0.00	31.23 -1.78 0.00	32.30 -1.84 0.00	31.81 -1.89 0.00	33.31 -1.90 0.00	30.68 -1.02 0.00	31.04 -0.93 0.00	31.12 -1.19 0.00	32.60 -1.11 0.00	34.85 -0.97 0.00	39.07 -0.59 0.00	41.57 -0.81 0.00	42.56 -1.09 0.00	47.56 -1.57 0.00	54.25 -0.55 0.00	57.25 -0.17 0.00	57.55 -1.17 0.00	53.77 -2.06 0.00	48.34 -1.96 0.00	44.43 -1.51 0.00	38.53 -1.40 0.00
OXBOW___ 24026	39.91 -1.92 0.00	36.98 -1.30 0.00	33.66 -1.70 0.00	31.75 -1.78 0.00	31.26 -1.75 0.00	32.23 -1.91 0.00	31.84 -1.85 0.00	33.59 -1.62 0.00	31.00 -0.70 0.00	30.98 -0.99 0.00	31.05 -1.26 0.00	32.56 -1.15 0.00	34.81 -1.00 0.00	39.07 -0.59 0.00	41.32 -1.06 0.00	42.56 -1.09 0.00	47.56 -1.57 0.00	54.25 -0.55 0.00	57.14 -0.29 0.00	57.55 -1.17 0.00	53.10 -2.74 0.00	48.19 -2.11 0.00	44.42 -1.52 0.00	38.53 -1.40 0.00
OXY_CHEM_DSASP 323612	39.37 -2.47 0.00	36.71 -1.57 0.00	33.41 -1.94 0.00	31.52 -2.01 0.00	31.06 -1.95 0.00	31.99 -2.15 0.00	31.64 -2.06 0.00	33.38 -1.83 0.00	30.84 -0.86 0.00	30.76 -1.21 0.00	30.83 -1.49 0.00	32.26 -1.45 0.00	34.45 -1.36 0.00	38.67 -0.99 0.00	40.81 -1.57 0.00	42.04 -1.62 0.00	46.97 -2.16 0.00	53.49 -1.32 0.00	56.28 -1.15 0.00	56.73 -2.00 0.00	52.38 -3.46 0.00	47.54 -2.77 0.00	44.01 -1.93 0.00	38.21 -1.72 0.00
OZONE_PARK_ESR 323760	44.72 2.89 0.00	40.88 2.60 0.00	37.65 2.30 0.00	35.68 2.15 0.00	34.99 1.98 0.00	35.99 1.84 0.00	35.34 1.65 0.00	37.18 1.97 0.00	33.82 2.12 0.00	34.40 2.43 0.00	34.77 2.46 0.00	36.17 2.46 0.00	38.72 2.90 0.00	42.80 3.13 0.00	45.81 3.43 0.00	47.32 3.67 0.00	53.16 4.03 0.00	58.42 3.62 0.00	60.30 2.87 0.00	61.20 2.47 0.00	58.74 2.90 0.00	52.92 2.62 0.00	48.61 2.66 0.00	42.28 2.36 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.37 -2.47 0.00	36.71 -1.57 0.00	33.41 -1.94 0.00	31.52 -2.01 0.00	31.06 -1.95 0.00	31.99 -2.15 0.00	31.64 -2.06 0.00	33.38 -1.83 0.00	30.84 -0.86 0.00	30.76 -1.21 0.00	30.83 -1.49 0.00	32.26 -1.45 0.00	34.45 -1.36 0.00	38.67 -0.99 0.00	40.81 -1.57 0.00	42.04 -1.62 0.00	46.97 -2.16 0.00	53.49 -1.32 0.00	56.28 -1.15 0.00	56.73 -2.00 0.00	52.38 -3.46 0.00	47.54 -2.77 0.00	44.01 -1.93 0.00	38.21 -1.72 0.00
PACKARD___115KV_DUPONT_184 80571	39.37 -2.47 0.00	36.63 -1.64 0.00	33.30 -2.05 0.00	31.62 -1.91 0.00	31.00 -2.01 0.00	32.06 -2.08 0.00	31.60 -2.09 0.00	33.10 -2.11 0.00	30.56 -1.14 0.00	30.82 -1.15 0.00	30.89 -1.42 0.00	32.29 -1.41 0.00	34.49 -1.32 0.00	38.68 -0.99 0.00	41.15 -1.23 0.00	42.04 -1.61 0.00	46.97 -2.16 0.00	53.49 -1.32 0.00	56.39 -1.03 0.00	56.73 -2.00 0.00	52.99 -2.85 0.00	47.74 -2.56 0.00	44.01 -1.93 0.00	38.21 -1.72 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.35 2.51 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.41 1.26 0.00	34.77 1.08 0.00	36.55 1.34 0.00	33.28 1.58 0.00	33.86 1.89 0.00	34.22 1.91 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.09 2.42 0.00	45.05 2.67 0.00	46.58 2.92 0.00	52.13 3.00 0.00	57.32 2.52 0.00	59.03 1.61 0.00	59.96 1.23 0.00	57.51 1.68 0.01	51.91 1.61 0.00	47.78 1.84 0.00	41.64 1.72 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	45.10 3.26 0.00	41.22 2.95 0.00	37.90 2.55 0.00	35.94 2.41 0.00	35.22 2.21 0.00	36.06 1.91 0.00	35.41 1.72 0.00	37.21 2.01 0.00	33.85 2.16 0.00	34.40 2.43 0.00	34.77 2.46 0.00	36.14 2.43 0.00	38.72 2.90 0.00	42.80 3.13 0.00	45.81 3.43 0.00	47.36 3.71 0.00	53.06 3.93 0.00	58.42 3.62 0.00	60.24 2.81 0.00	61.20 2.47 0.00	58.62 2.79 0.01	52.87 2.57 0.00	48.65 2.71 0.00	42.40 2.48 0.00
PATROON___115KV_TB1 80586	42.30 0.46 0.00	38.93 0.65 0.00	36.02 0.67 0.00	34.20 0.67 0.00	33.57 0.56 0.00	34.69 0.55 0.00	34.03 0.34 0.00	35.45 0.25 0.00	31.79 0.10 0.00	32.04 0.06 0.00	32.41 0.10 0.00	33.78 0.07 0.00	35.89 0.07 0.00	39.71 0.04 0.00	42.42 0.04 0.00	43.78 0.13 0.00	49.13 0.00 0.00	54.86 0.05 0.00	57.48 0.06 0.00	58.85 0.12 0.00	56.23 0.39 0.00	50.60 0.30 0.00	46.22 0.28 0.00	40.36 0.44 0.00
PATTRSNVILLE___SOLAR 323815	43.09 1.25 0.00	39.50 1.22 0.00	36.48 1.13 0.00	34.57 1.04 0.00	34.03 1.02 0.00	35.14 0.99 0.00	34.50 0.81 0.00	35.81 0.60 0.00	31.89 0.19 0.00	31.94 -0.03 0.00	32.22 -0.10 0.00	33.54 -0.17 0.00	35.67 -0.14 0.00	39.47 -0.20 0.00	42.25 -0.13 0.00	43.65 0.00 0.00	49.38 0.25 0.00	55.51 0.71 0.00	58.69 1.26 0.00	60.37 1.64 0.00	57.57 1.73 0.00	51.81 1.51 0.00	47.27 1.33 0.00	41.04 1.12 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.29 -1.55 0.00	36.75 -1.53 0.00	33.44 -1.91 0.00	31.55 -1.98 0.00	31.06 -1.95 0.00	32.03 -2.12 0.00	31.64 -2.06 0.00	33.20 -2.01 0.00	30.56 -1.14 0.00	30.69 -1.28 0.00	30.93 -1.39 0.00	32.53 -1.18 0.00	34.78 -1.04 0.00	39.11 -0.56 0.00	41.45 -0.93 0.00	42.78 -0.87 0.00	47.85 -1.28 0.00	54.69 -0.11 0.00	57.71 0.29 0.00	58.08 -0.65 0.00	53.49 -2.35 0.00	48.49 -1.81 0.00	44.20 -1.75 0.00	38.41 -1.52 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.22 2.38 0.00	40.50 2.22 0.00	37.37 2.02 0.00	35.41 1.88 0.00	34.76 1.75 0.00	35.79 1.64 0.00	35.11 1.42 0.00	36.86 1.65 0.00	33.41 1.71 0.00	33.79 1.82 0.00	34.12 1.81 0.00	35.56 1.85 0.00	37.96 2.15 0.00	42.12 2.46 0.00	45.05 2.67 0.00	46.49 2.84 0.00	52.18 3.05 0.00	57.93 3.12 0.00	60.30 2.87 0.00	61.37 2.64 0.00	58.63 2.79 0.00	52.67 2.36 0.00	48.24 2.30 0.00	41.92 2.00 0.00
PEEKSKILL____ 23653	43.85 2.01 0.00	40.15 1.88 0.00	37.01 1.66 0.00	35.00 1.47 0.00	34.33 1.32 0.00	35.37 1.23 0.00	34.74 1.05 0.00	36.55 1.34 0.00	33.16 1.46 0.00	33.54 1.57 0.00	33.93 1.62 0.00	35.33 1.62 0.00	37.86 2.04 0.00	41.89 2.22 0.00	44.84 2.46 0.00	46.36 2.71 0.00	52.03 2.90 0.00	57.32 2.52 0.00	59.61 2.18 0.00	60.55 1.82 0.00	57.74 1.90 0.00	52.01 1.71 0.00	47.78 1.84 0.00	41.56 1.64 0.00
PGE MADISON__WINDPWR 24146	44.85 3.01 0.00	41.07 2.79 0.00	37.76 2.40 0.00	35.84 2.31 0.00	35.35 2.34 0.00	36.50 2.36 0.00	35.68 1.99 0.00	37.18 1.97 0.00	32.74 1.05 0.00	32.64 0.67 0.00	32.80 0.48 0.00	34.35 0.64 0.00	36.60 0.79 0.00	40.94 1.27 0.00	43.52 1.14 0.00	44.83 1.18 0.00	51.29 2.16 0.00	58.47 3.67 0.00	62.87 4.82 -0.62	65.56 6.11 -0.72	61.66 5.08 -0.74	55.55 4.63 -0.62	50.17 3.77 -0.46	42.76 2.79 -0.04
PIERCEFIELD__HYD 23852	42.21 0.38 0.00	38.35 0.08 0.00	35.39 0.04 0.00	33.53 0.00 0.00	33.27 0.26 0.00	34.52 0.38 0.00	34.20 0.51 0.00	35.59 0.39 0.00	31.86 0.16 0.00	32.13 0.16 0.00	32.44 0.13 0.00	33.91 0.20 0.00	36.07 0.25 0.00	39.90 0.24 0.00	42.63 0.25 0.00	43.74 0.09 0.00	49.38 0.25 0.00	54.86 0.05 0.00	58.18 0.40 -0.35	60.13 1.00 -0.40	57.15 0.89 -0.41	51.66 1.01 -0.35	46.98 0.78 -0.26	40.71 0.76 -0.02
PINELAWN_CC_1 323563	45.18 3.35 0.00	41.19 2.91 0.00	37.86 2.51 0.00	35.64 2.11 0.00	35.25 2.24 0.00	36.09 1.95 0.00	35.31 1.62 0.00	37.25 2.04 0.00	33.88 2.19 0.00	36.95 2.88 -2.11	38.17 2.71 -3.14	42.65 2.73 -6.21	46.19 3.12 -7.26	48.01 3.37 -4.97	48.80 3.64 -2.78	49.69 3.88 -2.16	53.12 4.13 0.14	58.77 4.16 0.19	60.30 3.50 0.63	60.75 3.00 0.97	58.15 3.02 0.71	52.26 2.11 0.16	48.65 2.71 0.00	42.72 2.79 0.00
PJM_GEN_HTP_PROXY 323702	44.17 2.34 0.00	40.42 2.14 0.00	37.23 1.87 0.00	35.17 1.64 0.00	34.50 1.49 0.00	35.51 1.37 0.00	34.91 1.21 0.00	35.01 1.55 1.74	35.22 1.77 -1.74	33.89 1.92 0.00	34.25 1.94 0.00	35.63 1.92 0.00	38.25 2.44 0.00	42.28 2.62 0.00	45.22 2.84 0.00	46.80 3.14 0.00	52.57 3.44 0.00	57.65 2.85 0.00	59.73 2.30 0.00	60.61 1.88 0.00	57.85 2.01 0.00	52.26 1.96 0.00	48.06 2.11 0.00	41.80 1.88 0.00
PJM_GEN_KEystone 24065	36.74 0.17 5.27	33.17 0.15 5.26	29.19 -0.07 6.09	27.10 -0.10 6.33	27.10 -0.23 5.68	28.20 -0.27 5.67	30.30 -0.40 2.99	32.70 -0.35 2.16	32.00 0.03 -0.27	32.16 0.19 0.00	32.57 0.26 0.00	34.01 0.30 0.00	36.42 0.61 0.00	40.50 0.83 0.00	43.27 0.89 0.00	44.61 0.96 0.00	50.11 0.98 0.00	55.90 1.10 0.00	58.51 1.09 0.00	59.26 0.53 0.00	56.01 0.17 0.00	48.20 -0.05 2.05	42.74 0.05 3.25	39.97 0.04 0.00
PJM_GEN_NEPTUNE_PROXY 323594	44.47 2.64 0.00	40.61 2.34 0.00	37.26 1.91 0.00	35.07 1.54 0.00	34.40 1.39 0.00	35.37 1.23 0.00	34.70 1.01 0.00	34.91 1.44 1.74	35.12 1.68 -1.74	36.25 2.18 -2.10	37.56 2.10 -3.14	42.01 2.09 -6.21	45.62 2.54 -7.26	47.41 2.78 -4.97	48.12 2.97 -2.78	49.04 3.23 -2.16	52.62 3.49 0.00	58.35 3.07 -0.48	59.97 2.52 -0.02	60.75 1.88 -0.14	57.93 1.95 -0.14	52.09 1.76 -0.03	47.96 2.02 0.00	42.12 2.19 0.00
PJM_GEN_VFT_PROXY 323633	44.14 2.30 0.00	40.38 2.10 0.00	37.15 1.80 0.00	35.14 1.61 0.00	34.43 1.42 0.00	35.44 1.30 0.00	34.84 1.15 0.00	34.94 1.48 1.74	35.18 1.74 -1.74	33.89 1.92 0.00	34.25 1.94 0.00	35.60 1.89 0.00	38.25 2.44 0.00	42.28 2.62 0.00	45.26 2.88 0.00	46.84 3.18 0.00	52.52 3.39 0.00	57.38 2.58 0.00	59.38 1.95 0.00	60.25 1.52 0.00	57.62 1.79 0.00	52.16 1.86 0.00	48.01 2.07 0.00	41.72 1.80 0.00
PLATSBURG_115KV_PMLD1 355749	42.55 0.71 0.00	38.70 0.42 0.00	35.74 0.39 0.00	33.86 0.34 0.00	33.44 0.43 0.00	34.73 0.58 0.00	34.40 0.71 0.00	35.88 0.67 0.00	32.27 0.57 0.00	32.52 0.54 0.00	32.86 0.55 0.00	34.25 0.54 0.00	36.42 0.61 0.00	40.30 0.63 0.00	43.06 0.68 0.00	44.26 0.61 0.00	49.92 0.79 0.00	55.57 0.77 0.00	58.40 0.98 0.00	59.90 1.17 0.00	56.90 1.06 0.00	51.31 1.01 0.00	46.81 0.87 0.00	40.80 0.88 0.00
PLEASANTVLY__LBMP 24000	43.55 1.72 0.00	39.89 1.61 0.00	36.84 1.48 0.00	34.90 1.37 0.00	34.26 1.25 0.00	35.31 1.16 0.00	34.67 0.98 0.00	36.37 1.16 0.00	32.93 1.24 0.00	33.38 1.41 0.00	33.77 1.45 0.00	35.16 1.45 0.00	37.53 1.72 0.00	41.53 1.86 0.00	44.46 2.08 0.00	45.88 2.23 0.00	51.54 2.41 0.00	56.94 2.14 0.00	59.09 1.67 0.00	60.08 1.35 0.00	57.51 1.68 0.00	51.76 1.46 0.00	47.46 1.52 0.00	41.28 1.36 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	44.01 2.18 0.00	40.27 1.99 0.00	37.16 1.80 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.58 1.43 0.00	34.91 1.21 0.00	36.69 1.48 0.00	33.28 1.58 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.53 1.82 0.00	37.96 2.15 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.18 3.05 0.00	57.60 2.79 0.00	59.72 2.30 0.00	60.67 1.94 0.00	58.07 2.23 0.00	52.21 1.91 0.00	47.92 1.98 0.00	41.68 1.76 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.01 2.18 0.00	40.27 1.99 0.00	37.16 1.80 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.58 1.43 0.00	34.91 1.21 0.00	36.69 1.48 0.00	33.28 1.58 0.00	33.76 1.79 0.00	34.12 1.81 0.00	35.53 1.82 0.00	37.96 2.15 0.00	42.01 2.34 0.00	44.96 2.59 0.00	46.44 2.79 0.00	52.18 3.05 0.00	57.60 2.79 0.00	59.72 2.30 0.00	60.67 1.94 0.00	58.07 2.23 0.00	52.21 1.91 0.00	47.92 1.98 0.00	41.68 1.76 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.85 2.01 0.00	40.15 1.88 0.00	37.08 1.73 0.00	35.14 1.61 0.00	34.50 1.49 0.00	35.55 1.40 0.00	34.87 1.18 0.00	36.55 1.34 0.00	33.03 1.33 0.00	33.41 1.44 0.00	33.77 1.45 0.00	35.16 1.45 0.00	37.50 1.68 0.00	41.61 1.94 0.00	44.54 2.16 0.00	45.96 2.31 0.00	51.68 2.55 0.00	57.32 2.52 0.00	59.61 2.18 0.00	60.73 2.00 0.00	58.02 2.18 0.00	52.16 1.86 0.00	47.78 1.84 0.00	41.56 1.64 0.00
POLETTI____ 23519	44.31 2.47 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.04 1.35 0.00	36.86 1.65 0.00	33.50 1.81 0.00	34.08 2.11 0.00	34.45 2.13 0.00	35.80 2.09 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.35 2.97 0.00	46.84 3.19 0.00	52.57 3.44 0.00	57.65 2.85 0.00	59.49 2.07 0.00	60.37 1.64 0.00	58.02 2.18 0.00	52.37 2.06 0.00	48.15 2.21 0.00	41.84 1.92 0.00

POMONA__ESR 323819	43.89 2.05 0.00	40.15 1.88 0.00	37.01 1.66 0.00	35.00 1.47 0.00	34.33 1.32 0.00	35.37 1.23 0.00	34.74 1.05 0.00	36.51 1.30 0.00	33.13 1.43 0.00	33.51 1.53 0.00	33.90 1.58 0.00	35.29 1.58 0.00	37.86 2.04 0.00	41.93 2.26 0.00	44.84 2.46 0.00	46.36 2.71 0.00	52.08 2.95 0.00	57.43 2.63 0.00	59.73 2.30 0.00	60.66 1.94 0.00	57.79 1.95 0.00	52.01 1.71 0.00	47.78 1.84 0.00	41.56 1.64 0.00
PORT_JEFF_3 23555	45.27 3.43 0.00	41.42 3.14 0.00	38.04 2.69 0.00	35.71 2.18 0.00	35.02 2.01 0.00	36.06 1.91 0.00	35.34 1.65 0.00	37.39 2.18 0.00	34.11 2.41 0.00	37.18 3.10 -2.11	38.24 2.78 -3.14	42.65 2.73 -6.21	46.26 3.19 -7.26	48.13 3.49 -4.97	48.93 3.77 -2.78	49.91 4.10 -2.16	57.22 4.37 -3.72	67.17 3.73 -8.64	69.63 3.27 -8.93	63.32 2.58 -2.01	60.16 2.85 -1.48	53.21 2.61 -0.30	48.74 2.80 0.00	43.04 3.12 0.00
PORT_JEFF_4 23616	45.27 3.43 0.00	41.42 3.14 0.00	38.04 2.69 0.00	35.71 2.18 0.00	35.02 2.01 0.00	36.06 1.91 0.00	35.34 1.65 0.00	37.39 2.18 0.00	34.11 2.41 0.00	37.18 3.10 -2.11	38.24 2.78 -3.14	42.65 2.73 -6.21	46.26 3.19 -7.26	48.13 3.49 -4.97	48.93 3.77 -2.78	49.91 4.10 -2.16	57.22 4.37 -3.72	67.17 3.73 -8.64	69.63 3.27 -8.93	63.32 2.58 -2.01	60.16 2.85 -1.48	53.21 2.61 -0.30	48.74 2.80 0.00	43.04 3.12 0.00
PORT_JEFF_IC 23713	45.39 3.56 0.00	41.45 3.18 0.00	38.11 2.76 0.00	35.88 2.35 0.00	35.52 2.51 0.00	36.37 2.22 0.00	35.58 1.89 0.00	37.60 2.39 0.00	34.23 2.54 0.00	37.40 3.33 -2.11	38.43 2.97 -3.14	42.89 2.97 -6.21	46.37 3.30 -7.26	48.29 3.65 -4.97	49.10 3.94 -2.78	50.00 4.19 -2.16	58.71 4.42 -5.16	72.13 4.22 -13.11	74.11 3.56 -13.12	64.84 3.11 -3.00	61.28 3.24 -2.21	53.16 2.41 -0.45	48.93 2.99 0.00	42.96 3.03 0.00
PPL PILGRIM_ST_GT1 24216	45.52 3.68 0.00	41.57 3.29 0.00	38.11 2.76 0.00	35.81 2.28 0.00	35.12 2.11 0.00	36.13 1.98 0.00	35.41 1.72 0.00	37.46 2.26 0.00	34.14 2.44 0.00	37.15 3.07 -2.11	38.33 2.87 -3.14	42.78 2.86 -6.21	46.44 3.37 -7.26	48.29 3.65 -4.97	49.10 3.94 -2.78	50.04 4.23 -2.16	54.13 4.57 -0.43	60.15 4.33 -1.02	62.07 3.85 -0.80	61.92 3.17 -0.02	58.98 3.13 -0.02	53.02 2.71 0.00	48.88 2.94 0.00	43.16 3.23 0.00
PPL PILGRIM_ST_GT2 24217	45.52 3.68 0.00	41.57 3.29 0.00	38.11 2.76 0.00	35.81 2.28 0.00	35.12 2.11 0.00	36.13 1.98 0.00	35.41 1.72 0.00	37.46 2.26 0.00	34.14 2.44 0.00	37.15 3.07 -2.11	38.33 2.87 -3.14	42.78 2.86 -6.21	46.44 3.37 -7.26	48.29 3.65 -4.97	49.10 3.94 -2.78	50.04 4.23 -2.16	54.13 4.57 -0.43	60.15 4.33 -1.02	62.07 3.85 -0.80	61.92 3.17 -0.02	58.98 3.13 -0.02	53.02 2.71 0.00	48.88 2.94 0.00	43.16 3.23 0.00
PPL_SHRM_GT3 24213	45.39 3.55 0.00	41.49 3.22 0.00	38.21 2.86 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.33 2.19 0.00	35.65 1.95 0.00	37.71 2.50 0.00	34.42 2.73 0.00	37.53 3.45 -2.11	38.33 2.87 -3.14	42.62 2.70 -6.21	46.23 3.15 -7.26	48.21 3.57 -4.97	49.01 3.86 -2.78	50.04 4.23 -2.16	57.82 4.72 -3.97	68.65 4.39 -9.46	71.24 4.14 -9.68	64.30 3.40 -2.16	61.01 3.58 -1.59	53.79 3.17 -0.32	48.97 3.03 0.00	43.40 3.47 0.00
PPL_SHRM_GT4 24214	45.39 3.55 0.00	41.49 3.22 0.00	38.21 2.86 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.33 2.19 0.00	35.65 1.95 0.00	37.71 2.50 0.00	34.42 2.73 0.00	37.53 3.45 -2.11	38.33 2.87 -3.14	42.62 2.70 -6.21	46.23 3.15 -7.26	48.21 3.57 -4.97	49.01 3.86 -2.78	50.04 4.23 -2.16	57.82 4.72 -3.97	68.65 4.39 -9.46	71.24 4.14 -9.68	64.30 3.40 -2.16	61.01 3.58 -1.59	53.79 3.17 -0.32	48.97 3.03 0.00	43.40 3.47 0.00
PROJECT__ORANGE 1 24174	41.25 -0.59 0.00	37.82 -0.46 0.00	34.89 -0.46 0.00	33.09 -0.44 0.00	32.55 -0.46 0.00	33.67 -0.48 0.00	33.15 -0.54 0.00	34.68 -0.53 0.00	31.29 -0.41 0.00	31.52 -0.45 0.00	31.86 -0.45 0.00	33.30 -0.40 0.00	35.35 -0.47 0.00	39.23 -0.44 0.00	41.83 -0.55 0.00	43.08 -0.57 0.00	48.54 -0.59 0.00	54.42 -0.38 0.00	57.88 -0.23 -0.68	59.23 -0.29 -0.79	56.15 -0.50 -0.81	50.43 -0.55 -0.69	45.89 -0.55 -0.50	39.37 -0.60 -0.05
PROJECT__ORANGE 2 24166	41.25 -0.59 0.00	37.82 -0.46 0.00	34.89 -0.46 0.00	33.09 -0.44 0.00	32.55 -0.46 0.00	33.67 -0.48 0.00	33.15 -0.54 0.00	34.68 -0.53 0.00	31.29 -0.41 0.00	31.52 -0.45 0.00	31.86 -0.45 0.00	33.30 -0.40 0.00	35.35 -0.47 0.00	39.23 -0.44 0.00	41.83 -0.55 0.00	43.08 -0.57 0.00	48.54 -0.59 0.00	54.42 -0.38 0.00	57.88 -0.23 -0.68	59.23 -0.29 -0.79	56.15 -0.50 -0.81	50.43 -0.55 -0.69	45.89 -0.55 -0.50	39.37 -0.60 -0.05
PUCKETT__SOLAR 323809	42.67 0.84 0.00	39.08 0.81 0.00	35.92 0.56 0.00	34.13 0.60 0.00	33.54 0.53 0.00	34.69 0.54 0.00	34.07 0.37 0.00	35.49 0.28 0.00	31.73 0.03 0.00	31.91 -0.06 0.00	32.15 -0.16 0.00	33.61 -0.10 0.00	35.82 0.00 0.00	39.87 0.20 0.00	42.51 0.13 0.00	43.83 0.18 0.00	49.62 0.49 0.00	56.06 1.26 0.00	59.93 1.95 -0.55	61.60 2.23 -0.64	58.22 1.73 -0.65	52.21 1.36 -0.55	47.40 1.06 -0.41	40.72 0.76 -0.04
PYRITES__HYD 24023	42.76 0.92 0.00	38.85 0.57 0.00	35.81 0.46 0.00	33.93 0.40 0.00	33.67 0.66 0.00	34.93 0.79 0.00	34.57 0.88 0.00	35.88 0.67 0.00	31.98 0.29 0.00	32.23 0.26 0.00	32.51 0.19 0.00	33.94 0.24 0.00	36.10 0.29 0.00	39.90 0.24 0.00	42.68 0.30 0.00	43.78 0.13 0.00	49.52 0.39 0.00	55.08 0.27 0.00	58.61 0.86 -0.32	60.92 1.82 -0.37	57.89 1.68 -0.38	52.38 1.76 -0.32	47.55 1.38 -0.23	41.18 1.24 -0.02
QUAKERRD_115KV_BK1 80622	40.37 -1.46 0.00	36.98 -1.30 0.00	33.87 -1.48 0.00	31.99 -1.54 0.00	31.56 -1.45 0.00	32.58 -1.57 0.00	32.18 -1.52 0.00	33.76 -1.44 0.00	30.71 -0.98 0.00	30.92 -1.06 0.00	31.25 -1.07 0.00	32.73 -0.98 0.00	34.85 -0.97 0.00	38.87 -0.79 0.00	41.36 -1.02 0.00	42.52 -1.13 0.00	47.80 -1.33 0.00	54.03 -0.77 0.00	56.85 -0.57 0.00	57.79 -0.94 0.00	54.05 -1.79 0.00	48.84 -1.46 0.00	44.61 -1.33 0.00	38.49 -1.44 0.00
QUENSBRY_115KV_TB8 356137	43.38 1.55 0.00	39.81 1.53 0.00	36.80 1.45 0.00	34.87 1.34 0.00	34.33 1.32 0.00	35.41 1.26 0.00	34.77 1.08 0.00	36.02 0.81 0.00	32.01 0.32 0.00	32.13 0.16 0.00	32.15 -0.16 0.00	33.54 -0.17 0.00	35.57 -0.25 0.00	39.19 -0.48 0.00	41.95 -0.42 0.00	43.26 -0.39 0.00	48.83 -0.29 0.00	55.24 0.44 0.00	58.80 1.38 0.00	60.73 2.00 0.00	58.29 2.46 0.00	52.37 2.06 0.00	47.73 1.79 0.00	41.32 1.40 0.00
RAMAPO__LBMP 323565	43.64 1.80 0.00	39.92 1.65 0.00	36.87 1.52 0.00	34.94 1.41 0.00	34.30 1.29 0.00	35.31 1.16 0.00	34.67 0.98 0.00	36.40 1.20 0.00	33.00 1.30 0.00	33.47 1.50 0.00	33.87 1.55 0.00	35.29 1.58 0.00	37.68 1.86 0.00	41.73 2.06 0.00	44.67 2.29 0.00	46.14 2.49 0.00	51.83 2.70 0.00	57.27 2.47 0.00	59.44 2.01 0.00	60.37 1.64 0.00	57.68 1.84 0.00	51.86 1.56 0.00	47.55 1.61 0.00	41.36 1.44 0.00

RANKINE____ 23646	40.58 -1.26 0.00	37.09 -1.19 0.00	33.80 -1.56 0.00	31.89 -1.64 0.00	31.39 -1.62 0.00	32.34 -1.81 0.00	31.98 -1.72 0.00	33.62 -1.58 0.00	30.94 -0.76 0.00	31.08 -0.90 0.00	31.28 -1.03 0.00	32.90 -0.81 0.00	35.14 -0.68 0.00	39.51 -0.16 0.00	41.83 -0.55 0.00	43.17 -0.48 0.00	48.25 -0.88 0.00	55.13 0.33 0.00	58.11 0.69 0.00	58.55 -0.18 0.00	54.00 -1.84 0.00	48.94 -1.36 0.00	44.70 -1.24 0.00	38.73 -1.20 0.00
RAVENSWOOD_GT2_1 24244	44.31 2.47 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.04 1.35 0.00	36.86 1.65 0.00	33.50 1.81 0.00	34.08 2.11 0.00	34.45 2.13 0.00	35.80 2.09 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.35 2.97 0.00	46.84 3.19 0.00	52.57 3.44 0.00	57.71 2.90 0.00	59.55 2.12 0.00	60.43 1.70 0.00	58.07 2.23 0.00	52.37 2.06 0.00	48.15 2.21 0.00	41.88 1.96 0.00
RAVENSWOOD_GT2_2 24245	44.31 2.47 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.04 1.35 0.00	36.86 1.65 0.00	33.50 1.81 0.00	34.08 2.11 0.00	34.45 2.13 0.00	35.80 2.09 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.35 2.97 0.00	46.84 3.19 0.00	52.57 3.44 0.00	57.71 2.90 0.00	59.55 2.12 0.00	60.43 1.70 0.00	58.07 2.23 0.00	52.37 2.06 0.00	48.15 2.21 0.00	41.88 1.96 0.00
RAVENSWOOD_GT2_3 24246	44.31 2.47 0.00	40.50 2.22 0.00	37.33 1.98 0.00	35.37 1.84 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.08 1.38 0.00	36.86 1.65 0.00	33.54 1.84 0.00	34.11 2.14 0.00	34.45 2.13 0.00	35.83 2.12 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.39 3.01 0.00	46.88 3.23 0.00	52.57 3.44 0.00	57.76 2.96 0.00	59.55 2.12 0.00	60.49 1.76 0.00	58.07 2.23 0.00	52.42 2.11 0.00	48.15 2.21 0.00	41.88 1.96 0.00
RAVENSWOOD_GT2_4 24247	44.31 2.47 0.00	40.50 2.22 0.00	37.33 1.98 0.00	35.37 1.84 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.08 1.38 0.00	36.86 1.65 0.00	33.54 1.84 0.00	34.11 2.14 0.00	34.45 2.13 0.00	35.83 2.12 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.39 3.01 0.00	46.88 3.23 0.00	52.57 3.44 0.00	57.76 2.96 0.00	59.55 2.12 0.00	60.49 1.76 0.00	58.07 2.23 0.00	52.42 2.11 0.00	48.15 2.21 0.00	41.88 1.96 0.00
RAVENSWOOD_GT3_1 24248	44.31 2.47 0.00	40.50 2.22 0.00	37.33 1.98 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.04 1.35 0.00	36.86 1.65 0.00	33.50 1.81 0.00	34.08 2.11 0.00	34.45 2.13 0.00	35.80 2.09 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.35 2.97 0.00	46.84 3.19 0.00	52.57 3.44 0.00	57.71 2.90 0.00	59.55 2.12 0.00	60.43 1.70 0.00	58.07 2.23 0.00	52.42 2.11 0.00	48.15 2.21 0.00	41.88 1.96 0.00
RAVENSWOOD_GT3_2 24249	44.31 2.47 0.00	40.50 2.22 0.00	37.33 1.98 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.04 1.35 0.00	36.86 1.65 0.00	33.50 1.81 0.00	34.08 2.11 0.00	34.45 2.13 0.00	35.80 2.09 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.35 2.97 0.00	46.84 3.19 0.00	52.57 3.44 0.00	57.71 2.90 0.00	59.55 2.12 0.00	60.43 1.70 0.00	58.07 2.23 0.00	52.42 2.11 0.00	48.15 2.21 0.00	41.88 1.96 0.00
RAVENSWOOD_GT3_3 24250	44.35 2.51 0.00	40.57 2.30 0.00	37.37 2.02 0.00	35.41 1.88 0.00	34.73 1.72 0.00	35.72 1.57 0.00	35.11 1.42 0.00	36.90 1.69 0.00	33.57 1.87 0.00	34.15 2.17 0.00	34.48 2.17 0.00	35.87 2.16 0.00	38.39 2.58 0.00	42.44 2.78 0.00	45.43 3.05 0.00	46.92 3.27 0.00	52.67 3.54 0.00	57.82 3.01 0.00	59.67 2.24 0.00	60.55 1.82 0.00	58.13 2.29 0.00	52.47 2.16 0.00	48.19 2.25 0.00	41.92 2.00 0.00
RAVENSWOOD_GT3_4 24251	44.35 2.51 0.00	40.57 2.30 0.00	37.37 2.02 0.00	35.41 1.88 0.00	34.73 1.72 0.00	35.72 1.57 0.00	35.11 1.42 0.00	36.90 1.69 0.00	33.57 1.87 0.00	34.15 2.17 0.00	34.48 2.17 0.00	35.87 2.16 0.00	38.39 2.58 0.00	42.44 2.78 0.00	45.43 3.05 0.00	46.92 3.27 0.00	52.67 3.54 0.00	57.82 3.01 0.00	59.67 2.24 0.00	60.55 1.82 0.00	58.13 2.29 0.00	52.47 2.16 0.00	48.19 2.25 0.00	41.92 2.00 0.00
RAVENSWOOD_GT_1 23729	44.35 2.51 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.66 1.65 0.00	35.58 1.43 0.00	34.94 1.25 0.00	36.72 1.51 0.00	33.41 1.71 0.00	34.02 2.05 0.00	34.38 2.07 0.00	35.73 2.02 0.00	38.25 2.44 0.00	42.28 2.62 0.00	45.26 2.88 0.00	46.75 3.10 0.00	52.37 3.24 0.00	57.49 2.69 0.00	59.26 1.84 0.00	60.14 1.41 0.00	57.78 1.95 0.01	52.16 1.86 0.00	48.01 2.07 0.00	41.80 1.88 0.00
RAVENSWOOD_GT_10 24258	44.31 2.47 0.00	40.50 2.22 0.00	37.33 1.98 0.00	35.37 1.84 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.04 1.35 0.00	36.86 1.65 0.00	33.54 1.84 0.00	34.08 2.11 0.00	34.45 2.13 0.00	35.80 2.09 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.39 3.01 0.00	46.84 3.19 0.00	52.57 3.44 0.00	57.71 2.90 0.00	59.55 2.12 0.00	60.49 1.76 0.00	58.07 2.23 0.00	52.42 2.11 0.00	48.15 2.21 0.00	41.88 1.96 0.00
RAVENSWOOD_GT_11 24259	44.31 2.47 0.00	40.50 2.22 0.00	37.33 1.98 0.00	35.37 1.84 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.04 1.35 0.00	36.86 1.65 0.00	33.54 1.84 0.00	34.08 2.11 0.00	34.45 2.13 0.00	35.80 2.09 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.39 3.01 0.00	46.84 3.19 0.00	52.57 3.44 0.00	57.71 2.90 0.00	59.55 2.12 0.00	60.49 1.76 0.00	58.07 2.23 0.00	52.42 2.11 0.00	48.15 2.21 0.00	41.88 1.96 0.00
RAVENSWOOD_GT_4 24252	44.31 2.47 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.66 1.65 0.00	35.65 1.50 0.00	35.01 1.31 0.00	36.79 1.58 0.00	33.47 1.78 0.00	34.05 2.08 0.00	34.42 2.10 0.00	35.76 2.06 0.00	38.29 2.47 0.00	42.32 2.66 0.00	45.30 2.92 0.00	46.79 3.14 0.00	52.52 3.39 0.00	57.60 2.79 0.00	59.44 2.01 0.00	60.31 1.59 0.00	57.95 2.12 0.01	52.31 2.01 0.00	48.10 2.16 0.00	41.84 1.92 0.00
RAVENSWOOD_GT_5 24254	44.31 2.47 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.66 1.65 0.00	35.65 1.50 0.00	35.01 1.31 0.00	36.79 1.58 0.00	33.47 1.78 0.00	34.05 2.08 0.00	34.42 2.10 0.00	35.76 2.06 0.00	38.29 2.47 0.00	42.32 2.66 0.00	45.30 2.92 0.00	46.79 3.14 0.00	52.52 3.39 0.00	57.60 2.79 0.00	59.44 2.01 0.00	60.31 1.59 0.00	57.95 2.12 0.01	52.31 2.01 0.00	48.10 2.16 0.00	41.84 1.92 0.00
RAVENSWOOD_GT_6 24253	44.31 2.47 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.66 1.65 0.00	35.65 1.50 0.00	35.01 1.31 0.00	36.79 1.58 0.00	33.47 1.78 0.00	34.05 2.08 0.00	34.42 2.10 0.00	35.76 2.06 0.00	38.29 2.47 0.00	42.32 2.66 0.00	45.30 2.92 0.00	46.79 3.14 0.00	52.52 3.39 0.00	57.60 2.79 0.00	59.44 2.01 0.00	60.31 1.59 0.00	57.95 2.12 0.01	52.31 2.01 0.00	48.10 2.16 0.00	41.84 1.92 0.00

RAVENSWOOD_GT_7 24255	44.31 2.47 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.66 1.65 0.00	35.65 1.50 0.00	35.01 1.31 0.00	36.79 1.58 0.00	33.47 1.78 0.00	34.05 2.08 0.00	34.42 2.10 0.00	35.76 2.06 0.00	38.29 2.47 0.00	42.32 2.66 0.00	45.30 2.92 0.00	46.79 3.14 0.00	52.52 3.39 0.00	57.60 2.79 0.00	59.44 2.01 0.00	60.31 1.59 0.00	57.95 2.12 0.01	52.31 2.01 0.00	48.10 2.16 0.00	41.84 1.92 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.31 2.47 0.00	40.50 2.22 0.00	37.33 1.98 0.00	35.37 1.84 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.04 1.35 0.00	36.86 1.65 0.00	33.54 1.84 0.00	34.08 2.11 0.00	34.45 2.13 0.00	35.80 2.09 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.39 3.01 0.00	46.84 3.19 0.00	52.57 3.44 0.00	57.71 2.90 0.00	59.55 2.12 0.00	60.49 1.76 0.00	58.07 2.23 0.00	52.42 2.11 0.00	48.15 2.21 0.00	41.88 1.96 0.00
RAVENSWOOD_GT_9 24257	44.31 2.47 0.00	40.50 2.22 0.00	37.33 1.98 0.00	35.37 1.84 0.00	34.69 1.68 0.00	35.68 1.54 0.00	35.04 1.35 0.00	36.86 1.65 0.00	33.54 1.84 0.00	34.08 2.11 0.00	34.45 2.13 0.00	35.80 2.09 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.39 3.01 0.00	46.84 3.19 0.00	52.57 3.44 0.00	57.71 2.90 0.00	59.55 2.12 0.00	60.49 1.76 0.00	58.07 2.23 0.00	52.42 2.11 0.00	48.15 2.21 0.00	41.88 1.96 0.00
RAVENSWOOD___1 23533	44.31 2.47 0.00	40.54 2.26 0.00	37.30 1.94 0.00	35.24 1.71 0.00	34.53 1.52 0.00	35.48 1.33 0.00	34.80 1.11 0.00	36.65 1.44 0.00	33.38 1.68 0.00	33.86 1.89 0.00	34.25 1.94 0.00	35.60 1.89 0.00	38.25 2.44 0.00	42.24 2.58 0.00	45.22 2.84 0.00	46.80 3.14 0.00	52.37 3.24 0.00	57.27 2.47 0.00	59.25 1.84 0.01	60.13 1.41 0.01	57.50 1.67 0.01	52.06 1.76 0.00	48.01 2.07 0.00	41.76 1.84 0.00
RAVENSWOOD___2 23534	44.31 2.47 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.24 1.71 0.00	34.53 1.52 0.00	35.44 1.30 0.00	34.80 1.11 0.00	36.65 1.44 0.00	33.38 1.68 0.00	33.83 1.85 0.00	34.22 1.91 0.00	35.56 1.85 0.00	38.22 2.40 0.00	42.24 2.58 0.00	45.22 2.84 0.00	46.80 3.14 0.00	52.37 3.24 0.00	57.27 2.47 0.00	59.25 1.84 0.01	60.13 1.41 0.01	57.50 1.67 0.01	52.01 1.71 0.00	47.96 2.02 0.00	41.76 1.84 0.00
RAVENSWOOD___3 23535	44.31 2.47 0.00	40.54 2.26 0.00	37.30 1.94 0.00	35.27 1.74 0.00	34.56 1.55 0.00	35.58 1.43 0.00	34.94 1.25 0.00	36.79 1.59 0.00	33.47 1.77 0.00	33.95 1.98 0.00	34.32 2.00 0.00	35.66 1.95 0.00	38.32 2.51 0.00	42.36 2.70 0.00	45.34 2.97 0.00	46.88 3.23 0.00	52.57 3.44 0.00	57.49 2.68 0.00	59.55 2.13 0.00	60.43 1.70 0.00	57.79 1.95 0.00	52.26 1.96 0.00	48.15 2.21 0.00	41.88 1.96 0.00
RAVENSWOOD___4 23820	44.31 2.47 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.24 1.71 0.00	34.50 1.49 0.00	35.44 1.30 0.00	34.80 1.11 0.00	36.65 1.44 0.00	33.38 1.68 0.00	33.83 1.85 0.00	34.22 1.91 0.00	35.56 1.85 0.00	38.22 2.40 0.00	42.24 2.58 0.00	45.22 2.84 0.00	46.75 3.10 0.00	52.37 3.24 0.00	57.27 2.47 0.00	59.25 1.84 0.01	60.13 1.41 0.01	57.50 1.67 0.01	52.01 1.71 0.00	47.96 2.02 0.00	41.76 1.84 0.00
RCPI_TRUST___DRP 24196	44.51 2.68 0.00	40.69 2.41 0.00	37.51 2.16 0.00	35.54 2.01 0.00	34.86 1.85 0.00	35.89 1.74 0.00	35.28 1.58 0.00	37.11 1.90 0.00	33.79 2.09 0.00	34.37 2.40 0.00	34.67 2.36 0.00	36.07 2.36 0.00	38.61 2.79 0.00	42.68 3.01 0.00	45.68 3.31 0.00	47.14 3.49 0.00	53.06 3.93 0.00	58.42 3.62 0.00	60.24 2.81 0.00	61.14 2.41 0.00	58.63 2.79 0.00	52.77 2.46 0.00	48.42 2.48 0.00	42.08 2.16 0.00
RED___ROCHESTER 323720	41.59 -0.25 0.00	37.97 -0.31 0.00	34.68 -0.67 0.00	32.86 -0.67 0.00	32.32 -0.69 0.00	33.43 -0.72 0.00	32.95 -0.74 0.00	34.47 -0.74 0.00	31.41 -0.29 0.00	31.81 -0.16 0.00	32.22 -0.10 0.00	33.74 0.03 0.00	35.96 0.14 0.00	40.14 0.48 0.00	42.89 0.51 0.00	43.87 0.22 0.00	49.38 0.25 0.00	55.95 1.15 0.00	59.03 1.61 0.00	59.84 1.11 0.00	56.12 0.28 0.00	50.50 0.20 0.00	45.99 0.05 0.00	39.60 -0.32 0.00
REGAN___SOLAR 323812	44.26 2.43 0.00	40.50 2.22 0.00	37.37 2.01 0.00	35.37 1.84 0.00	34.86 1.85 0.00	35.95 1.81 0.00	35.21 1.52 0.00	36.09 0.88 0.00	31.60 -0.09 0.00	31.43 -0.54 0.00	31.60 -0.71 0.00	32.87 -0.84 0.00	34.96 -0.86 0.00	38.71 -0.95 0.00	41.53 -0.85 0.00	42.95 -0.70 0.00	48.84 -0.29 0.00	55.63 0.82 0.00	59.89 2.47 0.00	62.54 3.82 0.00	59.52 3.68 0.00	53.47 3.17 0.00	48.65 2.71 0.00	42.12 2.19 0.00
RENSSELAER___COGEN 23796	42.09 0.25 0.00	38.74 0.46 0.00	35.85 0.49 0.00	33.93 0.40 0.00	33.37 0.36 0.00	34.45 0.31 0.00	33.83 0.14 0.00	35.28 0.07 0.00	31.70 0.00 0.00	31.91 -0.06 0.00	32.25 -0.06 0.00	33.61 -0.10 0.00	35.74 -0.07 0.00	39.59 -0.08 0.00	42.34 -0.04 0.00	43.61 -0.04 0.00	48.93 -0.20 0.00	54.53 -0.27 0.00	57.14 -0.29 0.00	58.49 -0.23 0.00	55.84 0.00 0.00	50.30 0.00 0.00	45.99 0.05 0.00	40.17 0.24 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.31 3.47 0.00	41.57 3.29 0.00	38.39 3.04 0.00	36.35 2.82 0.00	35.82 2.81 0.00	36.84 2.70 0.00	36.15 2.46 0.00	37.14 1.94 0.00	32.78 1.08 0.00	32.84 0.86 0.00	32.83 0.52 0.00	34.25 0.54 0.00	36.25 0.43 0.00	39.98 0.32 0.00	42.89 0.51 0.00	44.22 0.57 0.00	50.06 0.93 0.00	57.16 2.36 0.00	61.33 3.90 0.00	63.90 5.17 0.00	61.25 5.42 0.00	54.98 4.68 0.00	49.98 4.04 0.00	43.16 3.23 0.00
REVERE_CPPR_DRP 24186	43.26 1.42 0.00	39.62 1.34 0.00	36.52 1.17 0.00	34.67 1.14 0.00	34.17 1.16 0.00	35.27 1.13 0.00	34.64 0.94 0.00	36.12 0.92 0.00	32.17 0.48 0.00	32.36 0.38 0.00	32.64 0.32 0.00	34.11 0.40 0.00	36.28 0.47 0.00	40.34 0.67 0.00	43.06 0.68 0.00	44.22 0.57 0.00	50.11 0.98 0.00	56.39 1.59 0.00	59.99 2.12 -0.43	62.05 2.82 -0.50	58.81 2.46 -0.52	53.05 2.31 -0.44	48.10 1.84 -0.32	41.31 1.36 -0.03
REYNLDDPA_13_KV_LD 356490	42.21 0.38 0.00	38.35 0.08 0.00	35.42 0.07 0.00	33.56 0.03 0.00	33.14 0.13 0.00	34.39 0.24 0.00	34.13 0.44 0.00	35.56 0.35 0.00	31.98 0.28 0.00	32.26 0.29 0.00	32.57 0.26 0.00	33.98 0.27 0.00	36.14 0.32 0.00	39.98 0.32 0.00	42.72 0.34 0.00	43.91 0.26 0.00	49.48 0.35 0.00	55.19 0.39 0.00	57.14 -0.29 0.00	58.67 -0.06 0.00	55.84 0.00 0.00	50.81 0.50 0.00	46.40 0.46 0.00	40.44 0.52 0.00
REYNOLDS_115KV_TB3 80639	42.34 0.50 0.00	38.97 0.69 0.00	36.10 0.74 0.00	34.23 0.70 0.00	33.60 0.59 0.00	34.73 0.58 0.00	34.06 0.37 0.00	35.52 0.32 0.00	31.89 0.19 0.00	32.13 0.16 0.00	32.51 0.19 0.00	33.88 0.17 0.00	35.99 0.18 0.00	39.78 0.12 0.00	42.55 0.17 0.00	43.91 0.26 0.00	49.28 0.15 0.00	54.97 0.16 0.00	57.54 0.11 0.00	58.85 0.12 0.00	56.34 0.50 0.00	50.71 0.40 0.00	46.35 0.41 0.00	40.40 0.48 0.00

RIVERBAY____ 323610	45.10 3.26 0.00	41.22 2.95 0.00	37.90 2.55 0.00	35.94 2.41 0.00	35.22 2.21 0.00	36.06 1.91 0.00	35.41 1.72 0.00	37.21 2.01 0.00	33.85 2.16 0.00	34.40 2.43 0.00	34.77 2.46 0.00	36.14 2.43 0.00	38.72 2.90 0.00	42.80 3.13 0.00	45.81 3.43 0.00	47.36 3.71 0.00	53.06 3.93 0.00	58.42 3.62 0.00	60.24 2.81 0.00	61.20 2.47 0.00	58.62 2.79 0.01	52.87 2.57 0.00	48.65 2.71 0.00	42.40 2.48 0.00
RIVERSDE_115KV_TB3 55908	42.26 0.42 0.00	38.89 0.61 0.00	35.99 0.64 0.00	34.17 0.64 0.00	33.54 0.53 0.00	34.66 0.51 0.00	34.00 0.30 0.00	35.45 0.25 0.00	31.82 0.13 0.00	32.07 0.10 0.00	32.44 0.13 0.00	33.78 0.07 0.00	35.89 0.07 0.00	39.71 0.04 0.00	42.42 0.04 0.00	43.78 0.13 0.00	49.13 0.00 0.00	54.86 0.05 0.00	57.43 0.00 0.00	58.73 0.00 0.00	56.17 0.34 0.00	50.55 0.25 0.00	46.22 0.28 0.00	40.32 0.40 0.00
ROARING__BROOK_WT_PWR 323790	41.80 -0.04 0.00	38.20 -0.08 0.00	35.28 -0.07 0.00	33.46 -0.07 0.00	32.98 -0.03 0.00	34.11 -0.03 0.00	33.69 0.00 0.00	35.17 -0.04 0.00	31.67 -0.03 0.00	31.94 -0.03 0.00	32.28 -0.03 0.00	33.64 -0.07 0.00	35.74 -0.07 0.00	39.59 -0.08 0.00	42.29 -0.08 0.00	43.52 -0.13 0.00	49.03 -0.10 0.00	54.69 -0.11 0.00	57.31 -0.11 0.00	58.61 -0.12 0.00	55.67 -0.17 0.00	50.20 -0.10 0.00	45.85 -0.09 0.00	39.85 -0.08 0.00
ROCHESRG_115KV_T4 355643	41.00 -0.84 0.00	37.51 -0.77 0.00	34.33 -1.03 0.00	32.42 -1.11 0.00	31.95 -1.06 0.00	32.99 -1.16 0.00	32.58 -1.11 0.00	34.22 -0.99 0.00	31.22 -0.48 0.00	31.40 -0.58 0.00	31.73 -0.58 0.00	33.27 -0.44 0.00	35.46 -0.36 0.00	39.59 -0.08 0.00	42.08 -0.30 0.00	43.30 -0.35 0.00	48.64 -0.49 0.00	55.08 0.27 0.00	58.00 0.57 0.00	58.85 0.12 0.00	54.89 -0.95 0.00	49.60 -0.70 0.00	45.34 -0.60 0.00	39.09 -0.84 0.00
ROCHESTER_9_IC 23652	41.38 -0.46 0.00	37.82 -0.46 0.00	34.57 -0.78 0.00	32.62 -0.91 0.00	32.18 -0.83 0.00	33.22 -0.92 0.00	32.82 -0.88 0.00	34.47 -0.74 0.00	31.41 -0.29 0.00	31.62 -0.35 0.00	31.96 -0.36 0.00	33.51 -0.20 0.00	35.71 -0.11 0.00	39.90 0.24 0.00	42.46 0.08 0.00	43.65 0.00 0.00	49.03 -0.10 0.00	55.62 0.82 0.00	58.57 1.15 0.00	59.43 0.70 0.00	55.39 -0.45 0.00	50.05 -0.25 0.00	45.71 -0.23 0.00	39.41 -0.52 0.00
ROCKVIEW_13_KV_LD 356306	44.26 2.43 0.00	40.50 2.22 0.00	37.33 1.98 0.00	35.37 1.84 0.00	34.69 1.68 0.00	35.75 1.60 0.00	35.08 1.38 0.00	36.90 1.69 0.00	33.50 1.81 0.00	34.02 2.05 0.00	34.38 2.07 0.00	35.80 2.09 0.00	38.25 2.44 0.00	42.28 2.62 0.00	45.30 2.92 0.00	46.75 3.10 0.00	52.57 3.44 0.00	57.98 3.18 0.00	60.07 2.64 0.00	61.02 2.29 0.00	58.41 2.57 0.00	52.52 2.21 0.00	48.19 2.25 0.00	41.92 2.00 0.00
ROME____115KV_TB2 80656	43.26 1.42 0.00	39.62 1.34 0.00	36.52 1.17 0.00	34.67 1.14 0.00	34.17 1.16 0.00	35.27 1.13 0.00	34.64 0.94 0.00	36.12 0.92 0.00	32.17 0.48 0.00	32.36 0.38 0.00	32.64 0.32 0.00	34.11 0.40 0.00	36.28 0.47 0.00	40.34 0.67 0.00	43.06 0.68 0.00	44.22 0.57 0.00	50.11 0.98 0.00	56.39 1.59 0.00	59.99 2.12 0.00	62.05 2.82 0.00	58.81 2.46 -0.52	53.05 2.31 -0.44	48.10 1.84 -0.32	41.31 1.36 -0.03
ROSETON__1 23587	43.51 1.68 0.00	39.85 1.57 0.00	36.77 1.42 0.00	34.77 1.24 0.00	34.13 1.12 0.00	35.17 1.02 0.00	34.54 0.84 0.00	36.30 1.09 0.00	32.87 1.17 0.00	33.22 1.25 0.00	33.61 1.29 0.00	34.99 1.28 0.00	37.46 1.65 0.00	41.49 1.83 0.00	44.37 1.99 0.00	45.83 2.18 0.00	51.49 2.36 0.00	56.77 1.97 0.00	59.09 1.67 0.00	60.08 1.35 0.00	57.35 1.51 0.00	51.66 1.36 0.00	47.41 1.47 0.00	41.24 1.32 0.00
ROSETON__2 23588	43.51 1.68 0.00	39.85 1.57 0.00	36.77 1.42 0.00	34.77 1.24 0.00	34.13 1.12 0.00	35.17 1.02 0.00	34.54 0.84 0.00	36.30 1.09 0.00	32.87 1.17 0.00	33.22 1.25 0.00	33.61 1.29 0.00	34.99 1.28 0.00	37.46 1.65 0.00	41.49 1.83 0.00	44.37 1.99 0.00	45.83 2.18 0.00	51.49 2.36 0.00	56.77 1.97 0.00	59.09 1.67 0.00	60.08 1.35 0.00	57.35 1.51 0.00	51.66 1.36 0.00	47.41 1.47 0.00	41.24 1.32 0.00
ROTTDRAM_115KV_TB3 80664	42.72 0.88 0.00	39.16 0.88 0.00	36.20 0.85 0.00	34.37 0.84 0.00	33.77 0.76 0.00	34.90 0.75 0.00	34.30 0.61 0.00	35.74 0.53 0.00	32.01 0.32 0.00	32.26 0.29 0.00	32.57 0.26 0.00	33.94 0.24 0.00	36.07 0.25 0.00	39.90 0.24 0.00	42.68 0.30 0.00	44.00 0.35 0.00	49.57 0.44 0.00	55.40 0.60 0.00	58.23 0.80 0.00	59.67 0.94 0.00	56.90 1.06 0.00	51.21 0.91 0.00	46.77 0.83 0.00	40.68 0.76 0.00
RUSSELL__1 23602	41.59 -0.25 0.00	38.01 -0.27 0.00	34.75 -0.60 0.00	32.79 -0.74 0.00	32.32 -0.69 0.00	33.36 -0.79 0.00	32.95 -0.74 0.00	34.61 -0.60 0.00	31.57 -0.13 0.00	31.75 -0.22 0.00	32.12 -0.19 0.00	33.67 -0.03 0.00	35.92 0.11 0.00	40.14 0.48 0.00	42.72 0.34 0.00	43.87 0.22 0.00	49.38 0.25 0.00	56.01 1.21 0.00	58.98 1.55 0.00	59.84 1.12 0.00	55.78 -0.06 0.00	50.35 0.05 0.00	45.99 0.05 0.00	39.61 -0.32 0.00
RUSSELL__2 23532	41.59 -0.25 0.00	38.01 -0.27 0.00	34.75 -0.60 0.00	32.79 -0.74 0.00	32.32 -0.69 0.00	33.36 -0.79 0.00	32.95 -0.74 0.00	34.61 -0.60 0.00	31.57 -0.13 0.00	31.75 -0.22 0.00	32.12 -0.19 0.00	33.67 -0.03 0.00	35.92 0.11 0.00	40.14 0.48 0.00	42.72 0.34 0.00	43.87 0.22 0.00	49.38 0.25 0.00	56.01 1.21 0.00	58.98 1.55 0.00	59.84 1.12 0.00	55.78 -0.06 0.00	50.35 0.05 0.00	45.99 0.05 0.00	39.61 -0.32 0.00
RUSSELL__3 23549	41.59 -0.25 0.00	38.01 -0.27 0.00	34.75 -0.60 0.00	32.79 -0.74 0.00	32.32 -0.69 0.00	33.36 -0.79 0.00	32.95 -0.74 0.00	34.61 -0.60 0.00	31.57 -0.13 0.00	31.75 -0.22 0.00	32.12 -0.19 0.00	33.67 -0.03 0.00	35.92 0.11 0.00	40.14 0.48 0.00	42.72 0.34 0.00	43.87 0.22 0.00	49.38 0.25 0.00	56.01 1.21 0.00	58.98 1.55 0.00	59.84 1.12 0.00	55.78 -0.06 0.00	50.35 0.05 0.00	45.99 0.05 0.00	39.61 -0.32 0.00
RUSSELL__4 23556	41.59 -0.25 0.00	38.01 -0.27 0.00	34.75 -0.60 0.00	32.79 -0.74 0.00	32.32 -0.69 0.00	33.36 -0.79 0.00	32.95 -0.74 0.00	34.61 -0.60 0.00	31.57 -0.13 0.00	31.75 -0.22 0.00	32.12 -0.19 0.00	33.67 -0.03 0.00	35.92 0.11 0.00	40.14 0.48 0.00	42.72 0.34 0.00	43.87 0.22 0.00	49.38 0.25 0.00	56.01 1.21 0.00	58.98 1.55 0.00	59.84 1.12 0.00	55.78 -0.06 0.00	50.35 0.05 0.00	45.99 0.05 0.00	39.61 -0.32 0.00
RUSSELL__STATION 23914	41.59 -0.25 0.00	38.01 -0.27 0.00	34.75 -0.60 0.00	32.79 -0.74 0.00	32.32 -0.69 0.00	33.36 -0.79 0.00	32.95 -0.74 0.00	34.61 -0.60 0.00	31.57 -0.13 0.00	31.75 -0.22 0.00	32.12 -0.19 0.00	33.67 -0.03 0.00	35.92 0.11 0.00	40.14 0.48 0.00	42.72 0.34 0.00	43.87 0.22 0.00	49.38 0.25 0.00	56.01 1.21 0.00	58.98 1.55 0.00	59.84 1.12 0.00	55.78 -0.06 0.00	50.35 0.05 0.00	45.99 0.05 0.00	39.61 -0.32 0.00

S SALMON___HYD 24043	43.01 1.17 0.00	39.39 1.11 0.00	36.27 0.92 0.00	34.50 0.97 0.00	34.03 1.02 0.00	35.17 1.02 0.00	34.50 0.81 0.00	35.91 0.70 0.00	31.95 0.25 0.00	32.10 0.13 0.00	32.38 0.06 0.00	33.88 0.17 0.00	35.89 0.07 0.00	39.91 0.24 0.00	42.51 0.13 0.00	43.65 0.00 0.00	49.43 0.30 0.00	55.63 0.82 0.00	62.09 1.67 -3.00	64.84 2.65 -3.47	61.91 2.52 -3.56	55.72 2.41 -3.01	49.94 1.79 -2.21	41.37 1.24 -0.20
S.PERRY___115KV_TB1 80734	42.76 0.92 0.00	39.04 0.77 0.00	35.64 0.28 0.00	33.63 0.10 0.00	33.18 0.17 0.00	34.28 0.14 0.00	33.79 0.10 0.00	35.21 0.00 0.00	31.76 0.06 0.00	31.72 -0.26 0.00	31.93 -0.39 0.00	33.44 -0.27 0.00	35.67 -0.14 0.00	39.94 0.28 0.00	42.42 0.04 0.00	43.78 0.13 0.00	49.33 0.20 0.00	56.34 1.53 0.00	60.07 2.64 0.00	61.55 2.82 0.00	57.46 1.62 0.00	51.81 1.51 0.00	47.18 1.24 0.00	40.60 0.68 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.33 -1.51 0.00	36.94 -1.34 0.00	33.62 -1.73 0.00	31.72 -1.81 0.00	31.23 -1.78 0.00	32.20 -1.95 0.00	31.81 -1.89 0.00	33.52 -1.69 0.00	30.87 -0.82 0.00	30.98 -0.99 0.00	31.22 -1.10 0.00	32.80 -0.91 0.00	35.03 -0.79 0.00	39.35 -0.32 0.00	41.66 -0.72 0.00	42.95 -0.70 0.00	48.00 -1.13 0.00	54.75 -0.05 0.00	57.71 0.29 0.00	58.14 -0.59 0.00	53.66 -2.18 0.00	48.64 -1.66 0.00	44.56 -1.38 0.00	38.57 -1.36 0.00
SAWYER___23_KV_LOAD 55526	40.33 -1.51 0.00	36.94 -1.34 0.00	33.62 -1.73 0.00	31.72 -1.81 0.00	31.23 -1.78 0.00	32.20 -1.95 0.00	31.81 -1.89 0.00	33.52 -1.69 0.00	30.87 -0.82 0.00	30.98 -0.99 0.00	31.22 -1.10 0.00	32.80 -0.91 0.00	35.03 -0.79 0.00	39.35 -0.32 0.00	41.66 -0.72 0.00	42.95 -0.70 0.00	48.00 -1.13 0.00	54.75 -0.05 0.00	57.71 0.29 0.00	58.14 -0.59 0.00	53.66 -2.18 0.00	48.64 -1.66 0.00	44.56 -1.38 0.00	38.57 -1.36 0.00
SELKIRK___I 23801	42.59 0.75 0.00	39.16 0.88 0.00	36.24 0.88 0.00	34.30 0.77 0.00	33.77 0.76 0.00	34.83 0.68 0.00	34.20 0.51 0.00	35.60 0.39 0.00	31.89 0.19 0.00	32.04 0.06 0.00	32.35 0.03 0.00	33.71 0.00 0.00	35.85 0.04 0.00	39.71 0.04 0.00	42.46 0.08 0.00	43.78 0.13 0.00	49.23 0.10 0.00	54.97 0.16 0.00	57.77 0.35 0.00	59.20 0.47 0.00	56.51 0.67 0.00	50.91 0.61 0.00	46.54 0.60 0.00	40.56 0.64 0.00
SELKIRK___II 23799	42.21 0.38 0.00	38.81 0.54 0.00	35.92 0.56 0.00	34.03 0.50 0.00	33.44 0.43 0.00	34.52 0.38 0.00	33.93 0.24 0.00	35.42 0.21 0.00	31.82 0.13 0.00	32.07 0.10 0.00	32.41 0.10 0.00	33.78 0.07 0.00	35.92 0.11 0.00	39.79 0.12 0.00	42.55 0.17 0.00	43.83 0.18 0.00	49.23 0.10 0.00	54.80 0.00 0.00	57.43 0.00 0.00	58.73 0.00 0.00	56.06 0.22 0.00	50.50 0.20 0.00	46.17 0.23 0.00	40.24 0.32 0.00
SENECA OSWGO___HYD 24041	41.09 -0.75 0.00	37.66 -0.61 0.00	34.79 -0.57 0.00	33.06 -0.47 0.00	32.52 -0.49 0.00	33.63 -0.51 0.00	33.09 -0.61 0.00	34.57 -0.63 0.00	31.13 -0.57 0.00	31.43 -0.54 0.00	31.73 -0.58 0.00	33.17 -0.54 0.00	35.10 -0.72 0.00	38.91 -0.75 0.00	41.53 -0.85 0.00	42.73 -0.92 0.00	48.15 -0.98 0.00	53.92 -0.88 0.00	59.57 -0.63 -2.78	61.36 -0.59 -3.22	58.41 -0.73 -3.30	52.34 -0.75 -2.79	47.21 -0.78 -2.05	39.32 -0.80 -0.19
SENECA___115KV_TB3 355854	40.67 -1.17 0.00	37.09 -1.19 0.00	33.73 -1.63 0.00	31.99 -1.54 0.00	31.36 -1.65 0.00	32.47 -1.67 0.00	31.98 -1.72 0.00	33.38 -1.83 0.00	30.68 -1.02 0.00	31.17 -0.80 0.00	31.38 -0.94 0.00	32.97 -0.74 0.00	35.24 -0.57 0.00	39.55 -0.12 0.00	42.13 -0.25 0.00	43.21 -0.44 0.00	48.34 -0.79 0.00	55.19 0.39 0.00	58.34 0.92 0.00	58.61 -0.12 0.00	54.78 -1.06 0.00	49.20 -1.11 0.00	44.75 -1.19 0.00	38.81 -1.12 0.00
SENECA___ENERGY 23797	41.55 -0.29 0.00	38.01 -0.27 0.00	34.96 -0.39 0.00	33.16 -0.37 0.00	32.62 -0.39 0.00	33.77 -0.37 0.00	33.22 -0.47 0.00	34.64 -0.56 0.00	31.25 -0.44 0.00	31.56 -0.42 0.00	31.89 -0.42 0.00	33.37 -0.34 0.00	35.46 -0.36 0.00	39.47 -0.20 0.00	42.13 -0.25 0.00	43.35 -0.30 0.00	48.79 -0.34 0.00	54.91 0.11 0.00	58.84 0.40 -1.01	60.26 0.35 -1.17	57.21 0.17 -1.20	51.27 -0.05 -1.02	46.55 -0.14 -0.75	39.67 -0.32 -0.07
SHOEMAKER___GT 23640	43.34 1.50 0.00	39.69 1.42 0.00	36.62 1.27 0.00	34.67 1.14 0.00	34.03 1.02 0.00	35.07 0.92 0.00	34.43 0.74 0.00	36.12 0.91 0.00	32.65 0.95 0.00	32.96 0.99 0.00	33.35 1.03 0.00	34.72 1.01 0.00	37.14 1.33 0.00	41.17 1.51 0.00	44.03 1.65 0.00	45.48 1.83 0.00	51.14 2.02 0.00	56.61 1.81 0.00	59.03 1.61 0.00	60.14 1.41 0.00	57.29 1.45 0.00	51.56 1.26 0.00	47.27 1.33 0.00	41.08 1.16 0.00
SHOEMAKR_138KV_BK 111 55601	43.34 1.51 0.00	39.66 1.38 0.00	36.63 1.27 0.00	34.70 1.17 0.00	34.10 1.09 0.00	35.14 0.99 0.00	34.50 0.81 0.00	36.16 0.95 0.00	32.68 0.98 0.00	33.09 1.12 0.00	33.45 1.13 0.00	34.85 1.15 0.00	37.18 1.36 0.00	41.17 1.51 0.00	44.07 1.70 0.00	45.48 1.83 0.00	51.19 2.06 0.00	56.72 1.92 0.00	59.03 1.61 0.00	60.14 1.41 0.00	57.40 1.56 0.00	51.56 1.26 0.00	47.23 1.29 0.00	41.08 1.16 0.00
SHOREHAM_IC_1 23715	45.39 3.55 0.00	41.49 3.22 0.00	38.21 2.86 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.33 2.19 0.00	35.65 1.95 0.00	37.71 2.50 0.00	34.42 2.73 0.00	37.53 3.45 -2.11	38.33 2.87 -3.14	42.62 2.70 -6.21	46.23 3.15 -7.26	48.21 3.57 -4.97	49.01 3.86 -2.78	50.04 4.23 -2.16	57.82 4.72 -3.97	68.65 4.39 -9.46	71.24 4.14 -9.68	64.30 3.40 -2.16	61.01 3.58 -1.59	53.79 3.17 -0.32	48.97 3.03 0.00	43.40 3.47 0.00
SHOREHAM_IC_2 23716	45.39 3.55 0.00	41.49 3.22 0.00	38.21 2.86 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.33 2.19 0.00	35.65 1.95 0.00	37.71 2.50 0.00	34.42 2.73 0.00	37.53 3.45 -2.11	38.33 2.87 -3.14	42.62 2.70 -6.21	46.23 3.15 -7.26	48.21 3.57 -4.97	49.01 3.86 -2.78	50.04 4.23 -2.16	57.82 4.72 -3.97	68.65 4.39 -9.46	71.24 4.14 -9.68	64.30 3.40 -2.16	61.01 3.58 -1.59	53.79 3.17 -0.32	48.97 3.03 0.00	43.40 3.47 0.00
SISSONVILLE____ 23735	42.21 0.38 0.00	38.35 0.08 0.00	35.39 0.04 0.00	33.53 0.00 0.00	33.27 0.26 0.00	34.52 0.38 0.00	34.20 0.51 0.00	35.59 0.39 0.00	31.86 0.16 0.00	32.13 0.16 0.00	32.44 0.13 0.00	33.91 0.20 0.00	36.07 0.25 0.00	39.90 0.24 0.00	42.63 0.25 0.00	43.74 0.09 0.00	49.38 0.25 0.00	54.86 0.05 0.00	58.18 0.40 -0.35	60.13 1.00 -0.40	57.15 0.89 -0.41	51.66 1.01 -0.35	46.98 0.78 -0.26	40.71 0.76 -0.02
SITHE_IND_GS1 24169	40.41 -1.42 0.00	37.09 -1.19 0.00	34.29 -1.06 0.00	32.59 -0.94 0.00	32.09 -0.92 0.00	33.19 -0.96 0.00	32.68 -1.01 0.00	34.15 -1.06 0.00	30.81 -0.89 0.00	31.08 -0.90 0.00	31.41 -0.90 0.00	32.80 -0.91 0.00	34.63 -1.18 0.00	38.36 -1.31 0.00	40.98 -1.40 0.00	42.17 -1.48 0.00	47.46 -1.67 0.00	53.10 -1.70 0.00	47.01 -1.61 8.81	46.83 -1.71 10.20	43.64 -1.73 10.46	39.86 -1.61 8.83	37.92 -1.51 6.51	37.93 -1.40 0.60

SITHE_IND_GS2 24170	40.41 -1.42 0.00	37.09 -1.19 0.00	34.29 -1.06 0.00	32.59 -0.94 0.00	32.09 -0.92 0.00	33.19 -0.96 0.00	32.68 -1.01 0.00	34.15 -1.06 0.00	30.81 -0.89 0.00	31.08 -0.90 0.00	31.41 -0.90 0.00	32.80 -0.91 0.00	34.63 -1.18 0.00	38.36 -1.31 0.00	40.98 -1.40 0.00	42.17 -1.48 0.00	47.46 -1.67 0.00	53.10 -1.70 0.00	47.01 -1.61 8.81	46.83 -1.71 10.20	43.64 -1.73 10.46	39.86 -1.61 8.83	37.92 -1.51 6.51	37.93 -1.40 0.60
SITHE_IND_GS3 24171	40.41 -1.42 0.00	37.09 -1.19 0.00	34.29 -1.06 0.00	32.59 -0.94 0.00	32.09 -0.92 0.00	33.19 -0.96 0.00	32.68 -1.01 0.00	34.15 -1.06 0.00	30.81 -0.89 0.00	31.08 -0.90 0.00	31.41 -0.90 0.00	32.80 -0.91 0.00	34.63 -1.18 0.00	38.36 -1.31 0.00	40.98 -1.40 0.00	42.17 -1.48 0.00	47.46 -1.67 0.00	53.10 -1.70 0.00	47.01 -1.61 8.81	46.83 -1.71 10.20	43.64 -1.73 10.46	39.86 -1.61 8.83	37.92 -1.51 6.51	37.93 -1.40 0.60
SITHE_IND_GS4 24172	40.41 -1.42 0.00	37.09 -1.19 0.00	34.29 -1.06 0.00	32.59 -0.94 0.00	32.09 -0.92 0.00	33.19 -0.96 0.00	32.68 -1.01 0.00	34.15 -1.06 0.00	30.81 -0.89 0.00	31.08 -0.90 0.00	31.41 -0.90 0.00	32.80 -0.91 0.00	34.63 -1.18 0.00	38.36 -1.31 0.00	40.98 -1.40 0.00	42.17 -1.48 0.00	47.46 -1.67 0.00	53.10 -1.70 0.00	47.01 -1.61 8.81	46.83 -1.71 10.20	43.64 -1.73 10.46	39.86 -1.61 8.83	37.92 -1.51 6.51	37.93 -1.40 0.60
SITHE___BATAVIA 24024	41.84 0.00 0.00	37.89 -0.38 0.00	34.43 -0.92 0.00	32.63 -0.90 0.00	32.12 -0.89 0.00	33.19 -0.96 0.00	32.68 -1.01 0.00	34.12 -1.09 0.00	31.13 -0.57 0.00	31.49 -0.48 0.00	31.73 -0.58 0.00	33.24 -0.47 0.00	35.53 -0.29 0.00	39.83 0.16 0.00	42.46 0.08 0.00	43.52 -0.13 0.00	48.89 -0.24 0.00	55.90 1.10 0.00	59.26 1.84 0.00	59.96 1.24 0.00	56.12 0.28 0.00	50.45 0.15 0.00	45.90 -0.05 0.00	39.53 -0.40 0.00
SITHE___INDEPEND 23800	40.41 -1.42 0.00	37.09 -1.19 0.00	34.29 -1.06 0.00	32.49 -1.04 0.00	31.99 -1.02 0.00	33.09 -1.06 0.00	32.62 -1.08 0.00	34.08 -1.13 0.00	30.75 -0.95 0.00	30.98 -0.99 0.00	31.31 -1.00 0.00	32.70 -1.01 0.00	34.63 -1.18 0.00	38.36 -1.31 0.00	40.94 -1.44 0.00	42.17 -1.48 0.00	47.46 -1.67 0.00	53.16 -1.64 0.00	46.95 -1.67 8.81	46.83 -1.70 10.20	43.59 -1.79 10.46	39.86 -1.61 8.83	37.92 -1.52 6.51	37.93 -1.40 0.60
SITHE___MASSENA 23902	42.26 0.42 0.00	38.43 0.15 0.00	35.46 0.11 0.00	33.60 0.07 0.00	33.21 0.20 0.00	34.45 0.31 0.00	34.17 0.47 0.00	35.60 0.39 0.00	31.98 0.28 0.00	32.26 0.29 0.00	32.57 0.26 0.00	33.98 0.27 0.00	36.17 0.36 0.00	39.98 0.32 0.00	42.76 0.38 0.00	43.91 0.26 0.00	49.52 0.39 0.00	55.19 0.39 0.00	57.77 0.35 0.00	59.38 0.65 0.00	56.40 0.56 0.00	50.95 0.65 0.00	46.49 0.55 0.00	40.52 0.60 0.00
SITHE___OGDNSBRG 24021	42.80 0.96 0.00	38.89 0.61 0.00	35.85 0.49 0.00	34.00 0.47 0.00	33.67 0.66 0.00	34.93 0.79 0.00	34.57 0.88 0.00	35.84 0.63 0.00	32.01 0.32 0.00	32.23 0.26 0.00	32.54 0.23 0.00	33.94 0.24 0.00	36.10 0.29 0.00	39.90 0.24 0.00	42.68 0.30 0.00	43.83 0.17 0.00	49.52 0.39 0.00	55.08 0.27 0.00	58.49 0.80 -0.26	60.73 1.70 -0.30	57.71 1.56 -0.31	52.22 1.66 -0.26	47.46 1.33 -0.19	41.18 1.24 -0.02
SITHE___STERLING 23777	42.80 0.96 0.00	39.19 0.92 0.00	36.17 0.81 0.00	34.33 0.80 0.00	33.80 0.79 0.00	34.93 0.79 0.00	34.30 0.61 0.00	35.77 0.56 0.00	31.98 0.28 0.00	32.16 0.19 0.00	32.48 0.16 0.00	33.95 0.24 0.00	36.07 0.25 0.00	40.10 0.44 0.00	42.80 0.42 0.00	44.00 0.35 0.00	49.77 0.64 0.00	55.90 1.10 0.00	59.34 1.49 -0.43	61.22 2.00 -0.49	58.13 1.79 -0.51	52.34 1.61 -0.43	47.50 1.24 -0.31	40.87 0.92 -0.03
SLEIGHT__34_KV_TB1 80719	41.17 -0.67 0.00	37.67 -0.61 0.00	34.57 -0.78 0.00	32.66 -0.87 0.00	32.18 -0.83 0.00	33.29 -0.85 0.00	32.82 -0.88 0.00	34.36 -0.84 0.00	31.13 -0.57 0.00	31.36 -0.61 0.00	31.70 -0.61 0.00	33.17 -0.54 0.00	35.31 -0.50 0.00	39.39 -0.28 0.00	41.91 -0.47 0.00	43.13 -0.52 0.00	48.54 -0.59 0.00	54.86 0.05 0.00	57.83 0.40 0.00	58.96 0.23 0.00	55.28 -0.56 0.00	49.85 -0.45 0.00	45.44 -0.51 0.00	39.21 -0.72 0.00
SOUTH CAIRO___GT 23612	43.72 1.88 0.00	40.15 1.88 0.00	37.16 1.80 0.00	35.24 1.71 0.00	34.63 1.62 0.00	35.72 1.57 0.00	34.97 1.28 0.00	36.23 1.02 0.00	32.20 0.51 0.00	32.23 0.26 0.00	32.48 0.16 0.00	33.88 0.17 0.00	35.92 0.11 0.00	39.94 0.28 0.00	42.76 0.38 0.00	44.17 0.52 0.00	49.77 0.64 0.00	56.12 1.32 0.00	59.32 1.90 0.00	61.02 2.29 0.00	58.24 2.40 0.00	52.31 2.01 0.00	47.73 1.79 0.00	41.56 1.64 0.00
SOUTH HAMPTN___IC 23720	45.98 4.14 0.00	42.07 3.79 0.00	38.71 3.36 0.00	36.28 2.75 0.00	35.62 2.61 0.00	36.71 2.56 0.00	36.02 2.32 0.00	38.17 2.96 0.00	34.90 3.20 0.00	38.11 4.03 -2.11	39.01 3.55 -3.14	43.43 3.51 -6.21	47.16 4.08 -7.26	49.32 4.68 -4.97	50.24 5.08 -2.78	51.31 5.50 -2.16	58.87 6.19 -3.55	69.08 6.14 -8.14	71.67 5.80 -8.45	65.62 4.99 -1.90	62.09 4.86 -1.40	54.86 4.27 -0.28	49.94 3.99 0.00	44.04 4.11 0.00
SOUTHDOW__115KV_TB1 355954	41.75 -0.08 0.00	38.20 -0.08 0.00	34.86 -0.49 0.00	32.93 -0.60 0.00	32.38 -0.63 0.00	33.46 -0.68 0.00	33.02 -0.67 0.00	34.57 -0.63 0.00	31.57 -0.13 0.00	31.88 -0.10 0.00	32.22 -0.10 0.00	33.91 0.20 0.00	36.25 0.43 0.00	40.74 1.07 0.00	43.18 0.81 0.00	44.65 1.00 0.00	50.06 0.93 0.00	57.27 2.47 0.00	60.41 2.99 0.00	60.78 2.06 0.00	56.06 0.22 0.00	50.50 0.20 0.00	45.85 -0.09 0.00	39.93 0.00 0.00
SOUTHOLD_69_KV_BK 2 55809	46.44 4.60 0.00	42.45 4.17 0.00	39.14 3.78 0.00	36.72 3.19 0.00	36.41 3.40 0.00	37.29 3.14 0.00	36.56 2.86 0.00	38.76 3.56 0.00	35.41 3.71 0.00	38.81 4.73 -2.11	39.75 4.30 -3.14	44.30 4.38 -6.21	48.06 4.98 -7.26	50.39 5.75 -4.97	51.47 6.31 -2.78	52.53 6.72 -2.16	60.26 7.57 -3.56	71.02 8.06 -8.16	73.36 7.47 -8.47	67.39 6.75 -1.91	63.66 6.42 -1.40	55.66 5.08 -0.28	50.90 4.96 0.00	44.52 4.59 0.00
SOUTHOLD___IC 23719	46.44 4.60 0.00	42.53 4.25 0.00	39.14 3.78 0.00	36.61 3.08 0.00	35.98 2.97 0.00	37.08 2.94 0.00	36.39 2.70 0.00	38.66 3.45 0.00	35.37 3.68 0.00	38.68 4.61 -2.11	39.66 4.20 -3.14	44.20 4.28 -6.21	48.05 4.98 -7.26	50.39 5.75 -4.97	51.47 6.32 -2.78	52.57 6.77 -2.16	60.40 7.71 -3.56	70.80 7.84 -8.16	73.36 7.46 -8.47	67.21 6.58 -1.91	63.49 6.25 -1.40	56.02 5.43 -0.28	50.86 4.92 0.00	44.71 4.79 0.00
SOUTH_FORK_WT_PWR 323839	46.23 4.39 0.00	42.45 4.17 0.00	39.10 3.75 0.00	36.55 3.02 0.00	35.92 2.91 0.00	36.98 2.83 0.00	36.32 2.63 0.00	38.62 3.41 0.00	35.34 3.64 0.00	38.71 4.63 -2.11	39.69 4.23 -3.14	44.27 4.35 -6.21	48.20 5.12 -7.26	50.51 5.87 -4.97	51.64 6.48 -2.78	52.70 6.89 -2.16	60.55 7.86 -3.56	70.95 8.00 -8.15	73.46 7.58 -8.46	67.27 6.63 -1.90	63.55 6.31 -1.40	56.12 5.53 -0.28	50.90 4.96 0.00	44.75 4.83 0.00

SPIERFLS_115KV_TB 1 80737	43.09 1.26 0.00	39.58 1.30 0.00	36.59 1.24 0.00	34.67 1.14 0.00	34.10 1.09 0.00	35.20 1.06 0.00	34.57 0.88 0.00	35.84 0.63 0.00	31.89 0.19 0.00	32.00 0.03 0.00	32.06 -0.26 0.00	33.41 -0.30 0.00	35.42 -0.39 0.00	38.99 -0.67 0.00	41.74 -0.64 0.00	43.08 -0.57 0.00	48.59 -0.54 0.00	54.86 0.05 0.00	58.40 0.98 0.00	60.31 1.59 0.00	57.90 2.07 0.00	52.01 1.71 0.00	47.41 1.47 0.00	41.08 1.16 0.00
ST LAWRENCE____ 23600	41.84 0.00 0.00	38.09 -0.19 0.00	35.18 -0.18 0.00	33.33 -0.20 0.00	32.91 -0.10 0.00	34.11 -0.03 0.00	33.83 0.14 0.00	35.28 0.07 0.00	31.73 0.03 0.00	32.00 0.03 0.00	32.35 0.03 0.00	33.71 0.00 0.00	35.85 0.04 0.00	39.67 0.00 0.00	42.38 0.00 0.00	43.61 -0.04 0.00	49.13 0.00 0.00	54.80 0.00 0.00	57.31 -0.11 0.00	58.73 0.00 0.00	55.84 0.00 0.00	50.45 0.15 0.00	46.03 0.09 0.00	40.09 0.16 0.00
STATE_CA_115KV_115_LB 55624	42.30 0.46 0.00	38.93 0.65 0.00	36.02 0.67 0.00	34.20 0.67 0.00	33.57 0.56 0.00	34.69 0.55 0.00	34.03 0.34 0.00	35.45 0.25 0.00	31.79 0.10 0.00	32.04 0.06 0.00	32.41 0.10 0.00	33.78 0.07 0.00	35.89 0.07 0.00	39.71 0.04 0.00	42.42 0.04 0.00	43.78 0.13 0.00	49.13 0.00 0.00	54.86 0.05 0.00	57.48 0.06 0.00	58.85 0.12 0.00	56.28 0.45 0.00	50.60 0.30 0.00	46.26 0.32 0.00	40.36 0.44 0.00
STATE_ST_34_KV_LOAD 55959	41.80 -0.04 0.00	38.28 0.00 0.00	35.25 -0.11 0.00	33.36 -0.17 0.00	32.85 -0.17 0.00	33.98 -0.17 0.00	33.46 -0.24 0.00	34.93 -0.28 0.00	31.44 -0.25 0.00	31.65 -0.32 0.00	31.99 -0.32 0.00	33.47 -0.24 0.00	35.53 -0.29 0.00	39.55 -0.12 0.00	42.12 -0.25 0.00	43.43 -0.22 0.00	48.93 -0.20 0.00	55.08 0.27 0.00	59.24 0.63 -1.19	60.81 0.70 -1.37	57.58 0.34 -1.41	51.69 0.20 -1.19	46.91 0.09 -0.88	39.93 -0.08 -0.08
STATION 5_MISC_HYD 23604	41.38 -0.46 0.00	37.78 -0.50 0.00	34.50 -0.85 0.00	32.72 -0.81 0.00	32.19 -0.82 0.00	33.29 -0.85 0.00	32.79 -0.91 0.00	34.33 -0.88 0.00	31.25 -0.44 0.00	31.68 -0.29 0.00	32.02 -0.29 0.00	33.54 -0.17 0.00	35.74 -0.07 0.00	39.91 0.24 0.00	42.59 0.21 0.00	43.65 0.00 0.00	49.08 -0.05 0.00	55.57 0.77 0.00	58.63 1.21 0.00	59.44 0.71 0.00	55.78 -0.06 0.00	50.15 -0.15 0.00	45.71 -0.23 0.00	39.41 -0.52 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.46 -0.38 0.00	37.89 -0.38 0.00	34.75 -0.60 0.00	32.86 -0.67 0.00	32.38 -0.63 0.00	33.46 -0.68 0.00	33.02 -0.67 0.00	34.57 -0.63 0.00	31.38 -0.32 0.00	31.59 -0.38 0.00	31.93 -0.39 0.00	33.44 -0.27 0.00	35.60 -0.21 0.00	39.71 0.04 0.00	42.29 -0.08 0.00	43.48 -0.17 0.00	48.93 -0.20 0.00	55.35 0.55 0.00	58.23 0.80 0.00	59.26 0.53 0.00	55.56 -0.28 0.00	50.10 -0.20 0.00	45.76 -0.18 0.00	39.49 -0.44 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.08 -0.75 0.00	37.59 -0.69 0.00	34.40 -0.95 0.00	32.46 -1.07 0.00	32.02 -0.99 0.00	33.05 -1.09 0.00	32.65 -1.04 0.00	34.29 -0.92 0.00	31.22 -0.48 0.00	31.43 -0.54 0.00	31.80 -0.52 0.00	33.30 -0.40 0.00	35.49 -0.32 0.00	39.63 -0.04 0.00	42.17 -0.21 0.00	43.35 -0.31 0.00	48.74 -0.39 0.00	55.19 0.38 0.00	58.11 0.69 0.00	59.02 0.29 0.00	55.06 -0.78 0.00	49.75 -0.55 0.00	45.44 -0.51 0.00	39.17 -0.76 0.00
STA_56____34_KV_BUS2 355983	41.08 -0.75 0.00	37.59 -0.69 0.00	34.40 -0.95 0.00	32.46 -1.07 0.00	32.02 -0.99 0.00	33.05 -1.09 0.00	32.65 -1.04 0.00	34.29 -0.92 0.00	31.22 -0.48 0.00	31.43 -0.54 0.00	31.80 -0.52 0.00	33.30 -0.40 0.00	35.49 -0.32 0.00	39.63 -0.04 0.00	42.17 -0.21 0.00	43.35 -0.31 0.00	48.74 -0.39 0.00	55.19 0.38 0.00	58.11 0.69 0.00	59.02 0.29 0.00	55.06 -0.78 0.00	49.75 -0.55 0.00	45.44 -0.51 0.00	39.17 -0.76 0.00
STA_67____115KV_BK2 355882	41.25 -0.59 0.00	37.74 -0.54 0.00	34.50 -0.85 0.00	32.59 -0.94 0.00	32.12 -0.89 0.00	33.16 -0.99 0.00	32.75 -0.94 0.00	34.40 -0.81 0.00	31.35 -0.35 0.00	31.56 -0.42 0.00	31.89 -0.42 0.00	33.44 -0.27 0.00	35.64 -0.18 0.00	39.82 0.16 0.00	42.34 -0.04 0.00	43.52 -0.13 0.00	48.93 -0.20 0.00	55.46 0.66 0.00	58.40 0.98 0.00	59.26 0.53 0.00	55.28 -0.56 0.00	49.95 -0.35 0.00	45.62 -0.32 0.00	39.33 -0.60 0.00
STA_7____115KV_9TRANS 80674	41.59 -0.25 0.00	38.01 -0.27 0.00	34.75 -0.60 0.00	32.79 -0.74 0.00	32.32 -0.69 0.00	33.36 -0.79 0.00	32.95 -0.74 0.00	34.61 -0.60 0.00	31.57 -0.13 0.00	31.75 -0.22 0.00	32.12 -0.19 0.00	33.67 -0.03 0.00	35.92 0.11 0.00	40.14 0.48 0.00	42.72 0.34 0.00	43.87 0.22 0.00	49.38 0.25 0.00	56.01 1.21 0.00	58.98 1.55 0.00	59.84 1.12 0.00	55.78 -0.06 0.00	50.35 0.05 0.00	45.99 0.05 0.00	39.61 -0.32 0.00
STA_82____115KV_TB1 80780	41.21 -0.63 0.00	37.70 -0.57 0.00	34.47 -0.88 0.00	32.56 -0.97 0.00	32.09 -0.92 0.00	33.12 -1.02 0.00	32.72 -0.98 0.00	34.36 -0.84 0.00	31.35 -0.35 0.00	31.52 -0.45 0.00	31.86 -0.45 0.00	33.41 -0.30 0.00	35.60 -0.21 0.00	39.75 0.08 0.00	42.29 -0.08 0.00	43.48 -0.17 0.00	48.88 -0.25 0.00	55.35 0.55 0.00	58.29 0.86 0.00	59.20 0.47 0.00	55.22 -0.61 0.00	49.90 -0.40 0.00	45.57 -0.37 0.00	39.29 -0.64 0.00
STEEL____WIND 323596	40.62 -1.21 0.00	37.05 -1.23 0.00	33.69 -1.66 0.00	31.95 -1.58 0.00	31.36 -1.65 0.00	32.44 -1.71 0.00	31.94 -1.75 0.00	33.34 -1.87 0.00	30.65 -1.05 0.00	31.14 -0.83 0.00	31.35 -0.97 0.00	32.93 -0.77 0.00	35.21 -0.61 0.00	39.51 -0.16 0.00	42.08 -0.29 0.00	43.17 -0.48 0.00	48.29 -0.84 0.00	55.13 0.33 0.00	58.29 0.86 0.00	58.61 -0.12 0.00	54.72 -1.12 0.00	49.15 -1.15 0.00	44.75 -1.19 0.00	38.77 -1.16 0.00
STEPHTWN_115KV_BK_2 55603	42.46 0.63 0.00	39.08 0.80 0.00	36.17 0.81 0.00	34.30 0.77 0.00	33.70 0.69 0.00	34.79 0.65 0.00	34.17 0.47 0.00	35.59 0.39 0.00	31.92 0.22 0.00	32.13 0.16 0.00	32.51 0.19 0.00	33.88 0.17 0.00	35.96 0.14 0.00	39.82 0.16 0.00	42.55 0.17 0.00	43.91 0.26 0.00	49.28 0.15 0.00	55.13 0.33 0.00	57.77 0.34 0.00	59.20 0.47 0.00	56.56 0.73 0.00	50.86 0.55 0.00	46.45 0.51 0.00	40.52 0.60 0.00
STEUBEN_REC_LFGE 323667	42.05 0.21 0.00	38.43 0.15 0.00	35.14 -0.21 0.00	33.19 -0.34 0.00	32.68 -0.33 0.00	33.84 -0.31 0.00	33.32 -0.37 0.00	34.68 -0.53 0.00	31.38 -0.32 0.00	31.46 -0.51 0.00	31.73 -0.58 0.00	33.30 -0.40 0.00	35.53 -0.29 0.00	39.82 0.16 0.00	42.25 -0.13 0.00	43.65 0.00 0.00	49.13 0.00 0.00	55.95 1.15 0.00	59.62 1.84 -0.35	60.78 1.64 -0.41	56.76 0.50 -0.42	51.06 0.40 -0.36	46.48 0.28 -0.26	39.99 0.04 -0.02
STILLWATER____SOLAR 323814	43.26 1.42 0.00	39.73 1.45 0.00	36.70 1.34 0.00	34.70 1.17 0.00	34.16 1.15 0.00	35.27 1.13 0.00	34.64 0.94 0.00	36.02 0.81 0.00	32.14 0.44 0.00	32.23 0.25 0.00	32.48 0.16 0.00	33.81 0.10 0.00	35.92 0.11 0.00	39.75 0.08 0.00	42.55 0.17 0.00	43.91 0.26 0.00	49.52 0.39 0.00	55.57 0.77 0.00	58.69 1.26 0.00	60.37 1.64 0.00	57.74 1.90 0.00	51.96 1.66 0.00	47.45 1.51 0.00	41.20 1.28 0.00

STONY___BROOK 24151	45.52 3.68 0.00	41.61 3.33 0.00	38.18 2.83 0.00	35.84 2.31 0.00	35.15 2.14 0.00	36.19 2.05 0.00	35.48 1.78 0.00	37.53 2.32 0.00	34.23 2.54 0.00	37.34 3.26 -2.11	38.40 2.94 -3.14	42.85 2.93 -6.21	46.48 3.40 -7.26	48.41 3.77 -4.97	49.23 4.07 -2.78	50.21 4.41 -2.16	59.96 4.76 -6.07	75.00 4.33 -15.87	77.00 3.85 -15.73	65.31 3.11 -3.47	61.63 3.24 -2.56	53.68 2.87 -0.52	48.97 3.03 0.00	43.20 3.27 0.00
STURGEON_POOL_HYD 23609	43.80 1.97 0.00	40.08 1.80 0.00	37.01 1.66 0.00	35.11 1.58 0.00	34.46 1.45 0.00	35.48 1.33 0.00	34.81 1.11 0.00	36.51 1.30 0.00	33.00 1.30 0.00	33.38 1.41 0.00	33.74 1.42 0.00	35.19 1.48 0.00	37.53 1.72 0.00	41.61 1.94 0.00	44.58 2.20 0.00	45.96 2.31 0.00	51.68 2.55 0.00	57.27 2.47 0.00	59.49 2.07 0.00	60.55 1.82 0.00	57.79 1.95 0.00	51.96 1.66 0.00	47.64 1.70 0.00	41.44 1.52 0.00
ST_LAW_115_BK7_LBMP 345037	41.84 0.00 0.00	38.09 -0.19 0.00	35.14 -0.21 0.00	33.33 -0.20 0.00	32.88 -0.13 0.00	34.11 -0.03 0.00	33.83 0.14 0.00	35.28 0.07 0.00	31.73 0.03 0.00	32.00 0.03 0.00	32.31 0.00 0.00	33.71 0.00 0.00	35.85 0.04 0.00	39.67 0.00 0.00	42.38 0.00 0.00	43.56 -0.09 0.00	49.13 0.00 0.00	54.75 -0.05 0.00	57.25 -0.17 0.00	58.73 0.00 0.00	55.84 0.00 0.00	50.45 0.15 0.00	46.03 0.09 0.00	40.09 0.16 0.00
ST_LAW_115_BK8_LBMP 345038	41.84 0.00 0.00	38.09 -0.19 0.00	35.14 -0.21 0.00	33.33 -0.20 0.00	32.88 -0.13 0.00	34.11 -0.03 0.00	33.83 0.14 0.00	35.28 0.07 0.00	31.73 0.03 0.00	32.00 0.03 0.00	32.31 0.00 0.00	33.71 0.00 0.00	35.85 0.04 0.00	39.67 0.00 0.00	42.38 0.00 0.00	43.56 -0.09 0.00	49.13 0.00 0.00	54.75 -0.05 0.00	57.25 -0.17 0.00	58.73 0.00 0.00	55.84 0.00 0.00	50.45 0.15 0.00	46.03 0.09 0.00	40.09 0.16 0.00
ST_LAW_230_BK5_LBMP 345035	41.84 0.00 0.00	38.09 -0.19 0.00	35.18 -0.18 0.00	33.33 -0.20 0.00	32.91 -0.10 0.00	34.11 -0.03 0.00	33.83 0.14 0.00	35.28 0.07 0.00	31.73 0.03 0.00	32.00 0.03 0.00	32.35 0.03 0.00	33.71 0.00 0.00	35.85 0.04 0.00	39.67 0.00 0.00	42.38 0.00 0.00	43.61 -0.04 0.00	49.13 0.00 0.00	54.80 0.00 0.00	57.31 -0.11 0.00	58.73 0.00 0.00	55.84 0.00 0.00	50.45 0.15 0.00	46.03 0.09 0.00	40.09 0.16 0.00
ST_LAW_230_BK6_LBMP 345036	41.84 0.00 0.00	38.09 -0.19 0.00	35.18 -0.18 0.00	33.33 -0.20 0.00	32.91 -0.10 0.00	34.11 -0.03 0.00	33.83 0.14 0.00	35.28 0.07 0.00	31.73 0.03 0.00	32.00 0.03 0.00	32.35 0.03 0.00	33.71 0.00 0.00	35.85 0.04 0.00	39.67 0.00 0.00	42.38 0.00 0.00	43.61 -0.04 0.00	49.13 0.00 0.00	54.80 0.00 0.00	57.31 -0.11 0.00	58.73 0.00 0.00	55.84 0.00 0.00	50.45 0.15 0.00	46.03 0.09 0.00	40.09 0.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.55 1.72 0.00	39.85 1.57 0.00	36.80 1.45 0.00	34.87 1.34 0.00	34.23 1.22 0.00	35.27 1.13 0.00	34.64 0.94 0.00	36.33 1.13 0.00	32.87 1.17 0.00	33.31 1.34 0.00	33.67 1.36 0.00	35.09 1.38 0.00	37.46 1.65 0.00	41.49 1.82 0.00	44.41 2.03 0.00	45.83 2.18 0.00	51.59 2.46 0.00	57.10 2.30 0.00	59.32 1.90 0.00	60.31 1.59 0.00	57.62 1.79 0.00	51.76 1.46 0.00	47.46 1.52 0.00	41.24 1.32 0.00
SWANROAD_115KV_TB1 355699	39.95 -1.88 0.00	36.06 -2.22 0.00	32.81 -2.55 0.00	30.95 -2.58 0.00	30.47 -2.54 0.00	31.41 -2.73 0.00	31.03 -2.66 0.00	32.74 -2.46 0.00	30.24 -1.46 0.00	30.28 -1.69 0.00	30.50 -1.81 0.00	32.02 -1.69 0.00	34.24 -1.58 0.00	38.40 -1.27 0.00	40.68 -1.70 0.00	41.90 -1.75 0.00	46.82 -2.31 0.00	53.43 -1.37 0.00	56.28 -1.15 0.00	56.73 -2.00 0.00	52.38 -3.46 0.00	47.54 -2.77 0.00	43.55 -2.39 0.00	37.65 -2.28 0.00
SYNERGY___BIOGAS 323694	41.84 0.00 0.00	37.97 -0.31 0.00	34.57 -0.78 0.00	32.56 -0.97 0.00	32.15 -0.86 0.00	33.12 -1.02 0.00	32.75 -0.94 0.00	34.36 -0.84 0.00	31.38 -0.32 0.00	31.43 -0.54 0.00	31.67 -0.65 0.00	33.20 -0.51 0.00	35.49 -0.32 0.00	39.82 0.16 0.00	42.25 -0.13 0.00	43.48 -0.17 0.00	48.88 -0.25 0.00	55.90 1.10 0.00	59.15 1.72 0.00	59.96 1.23 0.00	55.50 -0.34 0.00	50.25 -0.05 0.00	45.90 -0.05 0.00	39.53 -0.40 0.00
SYRACUSE___ENERGY_ST1 323597	41.50 -0.33 0.00	38.05 -0.23 0.00	35.11 -0.25 0.00	33.26 -0.27 0.00	32.75 -0.26 0.00	33.87 -0.27 0.00	33.36 -0.34 0.00	34.86 -0.35 0.00	31.41 -0.29 0.00	31.65 -0.32 0.00	31.99 -0.32 0.00	33.44 -0.27 0.00	35.46 -0.36 0.00	39.39 -0.28 0.00	42.00 -0.38 0.00	43.26 -0.39 0.00	48.74 -0.39 0.00	54.64 -0.16 0.00	58.90 0.06 -1.42	60.49 0.12 -1.65	57.36 -0.17 -1.69	51.53 -0.20 -1.43	46.71 -0.28 -1.05	39.66 -0.36 -0.10
SYRACUSE___ENERGY_ST2 323598	41.50 -0.33 0.00	38.05 -0.23 0.00	35.11 -0.25 0.00	33.26 -0.27 0.00	32.75 -0.26 0.00	33.87 -0.27 0.00	33.36 -0.34 0.00	34.86 -0.35 0.00	31.41 -0.29 0.00	31.65 -0.32 0.00	31.99 -0.32 0.00	33.44 -0.27 0.00	35.46 -0.36 0.00	39.39 -0.28 0.00	42.00 -0.38 0.00	43.26 -0.39 0.00	48.74 -0.39 0.00	54.64 -0.16 0.00	58.90 0.06 -1.42	60.49 0.12 -1.65	57.36 -0.17 -1.69	51.53 -0.20 -1.43	46.71 -0.28 -1.05	39.66 -0.36 -0.10
SYRACUSE___POWER 24017	41.42 -0.42 0.00	37.97 -0.31 0.00	35.03 -0.32 0.00	33.19 -0.34 0.00	32.65 -0.36 0.00	33.77 -0.38 0.00	33.26 -0.44 0.00	34.75 -0.46 0.00	31.35 -0.35 0.00	31.59 -0.38 0.00	31.93 -0.39 0.00	33.37 -0.34 0.00	35.42 -0.39 0.00	39.31 -0.36 0.00	41.91 -0.47 0.00	43.21 -0.44 0.00	48.69 -0.44 0.00	54.58 -0.22 0.00	58.30 0.00 -0.88	59.75 0.00 -1.02	56.60 -0.28 -1.04	50.83 -0.35 -0.88	46.22 -0.37 -0.65	39.55 -0.44 -0.06
TALLMAN__138KV_BK151 55660	43.80 1.97 0.00	40.08 1.80 0.00	36.98 1.63 0.00	35.04 1.51 0.00	34.40 1.39 0.00	35.41 1.26 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.09 1.39 0.00	33.60 1.63 0.00	33.96 1.65 0.00	35.39 1.69 0.00	37.82 2.01 0.00	41.89 2.22 0.00	44.84 2.46 0.00	46.31 2.66 0.00	52.08 2.95 0.00	57.49 2.69 0.00	59.67 2.24 0.00	60.61 1.88 0.00	57.90 2.07 0.00	52.01 1.71 0.00	47.69 1.75 0.00	41.48 1.56 0.00
TEALLAVE_115KV_TB7 355573	41.25 -0.59 0.00	37.82 -0.46 0.00	34.89 -0.46 0.00	33.06 -0.47 0.00	32.55 -0.46 0.00	33.67 -0.48 0.00	33.15 -0.54 0.00	34.64 -0.56 0.00	31.25 -0.44 0.00	31.52 -0.45 0.00	31.86 -0.45 0.00	33.30 -0.40 0.00	35.31 -0.50 0.00	39.19 -0.48 0.00	41.79 -0.59 0.00	43.08 -0.57 0.00	48.49 -0.64 0.00	54.36 -0.44 0.00	57.82 -0.29 -0.69	59.23 -0.29 -0.79	56.09 -0.56 -0.81	50.44 -0.55 -0.69	45.85 -0.60 -0.51	39.37 -0.60 -0.05
TELGRAPH_34_KV_EAST 80808	40.87 -0.96 0.00	37.09 -1.19 0.00	33.80 -1.56 0.00	31.85 -1.68 0.00	31.39 -1.62 0.00	32.34 -1.81 0.00	31.98 -1.72 0.00	33.66 -1.55 0.00	30.94 -0.76 0.00	30.98 -0.99 0.00	31.22 -1.10 0.00	32.76 -0.94 0.00	35.03 -0.79 0.00	39.27 -0.40 0.00	41.66 -0.72 0.00	42.91 -0.74 0.00	48.05 -1.08 0.00	54.86 0.05 0.00	57.89 0.46 0.00	58.49 -0.23 0.00	54.05 -1.79 0.00	48.99 -1.31 0.00	44.79 -1.15 0.00	38.69 -1.24 0.00

TEMPLE___115KV_TB 2 55572	41.25 -0.59 0.00	37.82 -0.46 0.00	34.89 -0.46 0.00	33.09 -0.44 0.00	32.55 -0.46 0.00	33.67 -0.48 0.00	33.15 -0.54 0.00	34.68 -0.53 0.00	31.29 -0.41 0.00	31.52 -0.45 0.00	31.86 -0.45 0.00	33.30 -0.40 0.00	35.35 -0.47 0.00	39.23 -0.44 0.00	41.83 -0.55 0.00	43.08 -0.57 0.00	48.54 -0.59 0.00	54.42 -0.38 0.00	57.88 -0.23 -0.68	59.23 -0.29 -0.79	56.15 -0.50 -0.81	50.43 -0.55 -0.69	45.89 -0.55 -0.50	39.37 -0.60 -0.05
TIANA___69_KV_BK 1 55817	45.85 4.02 0.00	41.84 3.56 0.00	38.61 3.25 0.00	36.25 2.72 0.00	35.92 2.90 0.00	36.84 2.70 0.00	36.05 2.36 0.00	38.16 2.96 0.00	34.80 3.11 0.00	38.07 4.00 -2.11	38.95 3.49 -3.14	43.36 3.44 -6.21	46.91 3.83 -7.26	49.00 4.36 -4.97	49.95 4.79 -2.78	50.92 5.11 -2.16	58.34 5.65 -3.56	68.82 5.86 -8.16	71.24 5.34 -8.47	65.39 4.76 -1.91	61.93 4.69 -1.40	54.15 3.57 -0.28	49.71 3.77 0.00	43.64 3.71 0.00
TILDEN___115KV_TB1 80814	41.42 -0.42 0.00	37.97 -0.31 0.00	35.03 -0.32 0.00	33.19 -0.34 0.00	32.65 -0.36 0.00	33.77 -0.38 0.00	33.26 -0.44 0.00	34.75 -0.46 0.00	31.35 -0.35 0.00	31.59 -0.38 0.00	31.93 -0.39 0.00	33.37 -0.34 0.00	35.42 -0.39 0.00	39.31 -0.36 0.00	41.91 -0.47 0.00	43.21 -0.44 0.00	48.69 -0.44 0.00	54.58 -0.22 0.00	58.30 0.00 -0.88	59.75 0.00 -1.02	56.60 -0.28 -1.04	50.83 -0.35 -0.88	46.22 -0.37 -0.65	39.55 -0.44 -0.06
TRIGEN___CC 323695	44.60 2.76 0.00	40.65 2.37 0.00	37.40 2.05 0.00	35.27 1.74 0.00	34.83 1.82 0.00	35.68 1.54 0.00	34.97 1.28 0.00	36.86 1.65 0.00	33.50 1.81 0.00	36.44 2.37 -2.11	37.78 2.33 -3.14	42.25 2.33 -6.21	45.76 2.69 -7.26	47.57 2.94 -4.97	48.34 3.18 -2.78	49.21 3.40 -2.16	52.77 3.64 0.00	58.79 3.51 -0.48	60.24 2.81 0.00	61.02 2.29 0.00	58.29 2.46 0.00	52.11 1.81 0.00	48.15 2.21 0.00	42.12 2.20 0.00
TRINITY___115KV___ 4 BK 55933	42.13 0.29 0.00	38.78 0.50 0.00	35.92 0.57 0.00	34.10 0.57 0.00	33.47 0.46 0.00	34.56 0.41 0.00	33.93 0.24 0.00	35.35 0.14 0.00	31.73 0.03 0.00	31.97 0.00 0.00	32.35 0.03 0.00	33.71 0.00 0.00	35.82 0.00 0.00	39.59 -0.08 0.00	42.34 -0.04 0.00	43.65 0.00 0.00	49.03 -0.10 0.00	54.69 -0.11 0.00	57.25 -0.17 0.00	58.61 -0.12 0.00	56.06 0.22 0.00	50.40 0.10 0.00	46.08 0.14 0.00	40.20 0.28 0.00
UNION___PROCESSING_DRP 323587	41.25 -0.59 0.00	37.70 -0.57 0.00	34.50 -0.85 0.00	32.56 -0.97 0.00	32.09 -0.92 0.00	33.12 -1.02 0.00	32.72 -0.98 0.00	34.36 -0.84 0.00	31.35 -0.35 0.00	31.52 -0.45 0.00	31.86 -0.45 0.00	33.41 -0.30 0.00	35.60 -0.21 0.00	39.78 0.12 0.00	42.29 -0.08 0.00	43.48 -0.17 0.00	48.88 -0.25 0.00	55.40 0.60 0.00	58.34 0.92 0.00	59.20 0.47 0.00	55.22 -0.61 0.00	49.90 -0.40 0.00	45.57 -0.37 0.00	39.29 -0.64 0.00
UPPER HUDSON___HYD 24058	43.09 1.25 0.00	39.58 1.30 0.00	36.59 1.24 0.00	34.57 1.04 0.00	34.07 1.06 0.00	35.14 0.99 0.00	34.50 0.81 0.00	35.84 0.63 0.00	31.89 0.19 0.00	31.94 -0.03 0.00	31.99 -0.32 0.00	33.34 -0.37 0.00	35.39 -0.43 0.00	38.99 -0.67 0.00	41.74 -0.63 0.00	43.04 -0.61 0.00	48.59 -0.54 0.00	54.80 0.00 0.00	58.40 0.98 0.00	60.32 1.59 0.00	57.85 2.01 0.00	52.01 1.71 0.00	47.41 1.47 0.00	41.08 1.16 0.00
UPPER RAQUET___HYD 24056	42.21 0.38 0.00	38.35 0.08 0.00	35.39 0.04 0.00	33.53 0.00 0.00	33.27 0.26 0.00	34.49 0.34 0.00	34.20 0.51 0.00	35.60 0.39 0.00	31.86 0.16 0.00	32.13 0.16 0.00	32.44 0.13 0.00	33.91 0.20 0.00	36.07 0.25 0.00	39.91 0.24 0.00	42.63 0.26 0.00	43.74 0.09 0.00	49.38 0.25 0.00	55.13 0.33 0.00	58.18 0.40 -0.35	60.13 1.00 -0.40	57.14 0.89 -0.41	51.66 1.01 -0.35	46.98 0.78 -0.26	40.71 0.76 -0.02
VALLEY44_115KV_TB2 355964	40.67 -1.17 0.00	37.17 -1.11 0.00	34.01 -1.34 0.00	32.15 -1.37 0.00	31.66 -1.35 0.00	32.68 -1.47 0.00	32.21 -1.48 0.00	33.66 -1.55 0.00	30.71 -0.98 0.00	31.04 -0.93 0.00	31.47 -0.84 0.00	33.10 -0.61 0.00	35.31 -0.50 0.00	39.59 -0.08 0.00	42.04 -0.34 0.00	43.48 -0.17 0.00	48.88 -0.25 0.00	55.68 0.88 0.00	58.75 1.32 0.00	59.26 0.53 0.00	54.83 -1.01 0.00	49.05 -1.26 0.00	44.70 -1.24 0.00	38.85 -1.08 0.00
VALLEY___115KV_TB 1-4 80826	42.30 0.46 0.00	38.78 0.50 0.00	35.81 0.46 0.00	34.00 0.47 0.00	33.44 0.43 0.00	34.56 0.41 0.00	34.00 0.30 0.00	35.56 0.35 0.00	31.92 0.22 0.00	32.16 0.19 0.00	32.51 0.19 0.00	33.91 0.20 0.00	36.07 0.25 0.00	39.94 0.28 0.00	42.68 0.30 0.00	43.91 0.26 0.00	49.52 0.39 0.00	55.35 0.55 0.00	58.00 0.57 0.00	59.49 0.76 0.00	56.56 0.73 0.00	50.96 0.65 0.00	46.40 0.46 0.00	40.24 0.32 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.72 2.89 0.00	40.96 2.68 0.00	37.65 2.30 0.00	35.74 2.21 0.00	35.22 2.21 0.00	36.37 2.22 0.00	35.61 1.92 0.00	37.18 1.97 0.00	32.84 1.14 0.00	32.87 0.90 0.00	33.15 0.84 0.00	34.72 1.01 0.00	37.03 1.22 0.00	41.45 1.78 0.00	44.16 1.78 0.00	45.35 1.70 0.00	51.88 2.75 0.00	59.02 4.22 0.00	62.98 5.11 -0.44	65.35 6.11 -0.51	61.39 5.03 -0.52	55.32 4.58 -0.44	49.99 3.72 -0.32	42.79 2.83 -0.03
VISCHER___FERRY HYD 24020	42.76 0.92 0.00	39.35 1.07 0.00	36.38 1.03 0.00	34.37 0.84 0.00	33.80 0.79 0.00	34.90 0.75 0.00	34.27 0.57 0.00	35.74 0.53 0.00	32.05 0.35 0.00	32.20 0.23 0.00	32.54 0.23 0.00	33.88 0.17 0.00	36.00 0.18 0.00	39.87 0.20 0.00	42.68 0.30 0.00	44.00 0.35 0.00	49.52 0.39 0.00	55.35 0.55 0.00	58.06 0.63 0.00	59.55 0.82 0.00	56.95 1.12 0.00	51.31 1.01 0.00	46.86 0.92 0.00	40.80 0.88 0.00
V_A_10_SYNC_DSASP 323832	40.33 -1.51 0.00	36.90 -1.38 0.00	33.69 -1.66 0.00	31.82 -1.71 0.00	31.33 -1.68 0.00	32.30 -1.84 0.00	31.91 -1.79 0.00	33.62 -1.58 0.00	30.91 -0.79 0.00	31.04 -0.93 0.00	31.31 -1.00 0.00	32.87 -0.84 0.00	35.06 -0.75 0.00	39.23 -0.44 0.00	41.62 -0.76 0.00	42.82 -0.83 0.00	47.95 -1.18 0.00	54.47 -0.33 0.00	57.37 -0.06 0.00	57.97 -0.76 0.00	53.77 -2.07 0.00	48.69 -1.61 0.00	44.65 -1.29 0.00	38.57 -1.36 0.00
V_CMM_10_SYNC_DSASP 323787	42.00 0.17 0.00	38.24 -0.04 0.00	35.28 -0.07 0.00	33.43 -0.10 0.00	33.01 0.00 0.00	34.25 0.10 0.00	33.96 0.27 0.00	35.42 0.21 0.00	31.86 0.16 0.00	32.13 0.16 0.00	32.44 0.13 0.00	33.84 0.13 0.00	35.99 0.18 0.00	39.82 0.16 0.00	42.55 0.17 0.00	43.74 0.09 0.00	49.28 0.15 0.00	54.53 -0.27 0.00	57.25 -0.17 0.00	58.73 0.00 0.00	55.84 0.00 0.00	50.60 0.30 0.00	46.22 0.28 0.00	40.24 0.32 0.00
V_CMP_10_SYNC_DSASP 323788	42.55 0.71 0.00	38.70 0.42 0.00	35.74 0.39 0.00	33.86 0.34 0.00	33.44 0.43 0.00	34.73 0.58 0.00	34.40 0.71 0.00	35.88 0.67 0.00	32.27 0.57 0.00	32.52 0.54 0.00	32.86 0.55 0.00	34.25 0.54 0.00	36.42 0.61 0.00	40.30 0.63 0.00	43.06 0.68 0.00	44.26 0.61 0.00	49.92 0.79 0.00	55.57 0.77 0.00	58.40 0.98 0.00	59.90 1.17 0.00	56.90 1.06 0.00	51.31 1.01 0.00	46.81 0.87 0.00	40.80 0.88 0.00

V_D_10_SYNC_DSASP 323841	42.26 0.42 0.00	38.43 0.15 0.00	35.46 0.11 0.00	33.60 0.07 0.00	33.21 0.20 0.00	34.49 0.34 0.00	34.20 0.51 0.00	35.59 0.39 0.00	31.98 0.29 0.00	32.26 0.29 0.00	32.61 0.29 0.00	33.98 0.27 0.00	36.17 0.36 0.00	39.98 0.32 0.00	42.76 0.38 0.00	43.91 0.26 0.00	49.52 0.39 0.00	54.97 0.16 0.00	57.77 0.34 0.00	59.37 0.65 0.00	56.40 0.56 0.00	50.96 0.65 0.00	46.49 0.55 0.00	40.52 0.60 0.00
V_E_10_SYNC_DSASP 323830	44.85 3.01 0.00	41.07 2.79 0.00	37.76 2.40 0.00	35.84 2.31 0.00	35.35 2.34 0.00	36.50 2.36 0.00	35.68 1.99 0.00	37.18 1.97 0.00	32.74 1.05 0.00	32.64 0.67 0.00	32.80 0.48 0.00	34.35 0.64 0.00	36.60 0.79 0.00	40.94 1.27 0.00	43.52 1.14 0.00	44.83 1.18 0.00	51.29 2.16 0.00	58.47 3.67 0.00	62.87 4.82 -0.62	65.56 6.11 -0.72	61.66 5.08 -0.74	55.55 4.63 -0.62	50.17 3.77 -0.46	42.76 2.79 -0.04
V_F_30_NSYNC___DSASP 323816	43.30 1.46 0.00	39.77 1.49 0.00	36.77 1.41 0.00	34.84 1.31 0.00	34.26 1.25 0.00	35.38 1.23 0.00	34.74 1.04 0.00	36.09 0.88 0.00	32.20 0.51 0.00	32.36 0.38 0.00	32.61 0.29 0.00	33.98 0.27 0.00	36.07 0.25 0.00	39.86 0.20 0.00	42.68 0.30 0.00	44.00 0.35 0.00	49.62 0.49 0.00	55.79 0.99 0.00	58.80 1.38 0.00	60.49 1.76 0.00	57.90 2.07 0.00	52.06 1.76 0.00	47.50 1.56 0.00	41.28 1.36 0.00
V_F_30_SYNC_DSASP 323786	42.30 0.46 0.00	38.93 0.65 0.00	36.02 0.67 0.00	34.20 0.67 0.00	33.57 0.56 0.00	34.69 0.55 0.00	34.03 0.34 0.00	35.45 0.25 0.00	31.79 0.10 0.00	32.04 0.06 0.00	32.41 0.10 0.00	33.78 0.07 0.00	35.89 0.07 0.00	39.71 0.04 0.00	42.42 0.04 0.00	43.78 0.13 0.00	49.13 0.00 0.00	54.86 0.05 0.00	57.48 0.06 0.00	58.85 0.12 0.00	56.23 0.39 0.00	50.60 0.30 0.00	46.22 0.28 0.00	40.36 0.44 0.00
V_XM_10_SYNC_DSASP 323789	42.55 0.71 0.00	38.70 0.42 0.00	35.74 0.39 0.00	33.86 0.34 0.00	33.44 0.43 0.00	34.73 0.58 0.00	34.40 0.71 0.00	35.88 0.67 0.00	32.27 0.57 0.00	32.52 0.54 0.00	32.86 0.55 0.00	34.25 0.54 0.00	36.42 0.61 0.00	40.30 0.63 0.00	43.06 0.68 0.00	44.26 0.61 0.00	49.92 0.79 0.00	55.57 0.77 0.00	58.40 0.98 0.00	59.90 1.17 0.00	56.90 1.06 0.00	51.31 1.01 0.00	46.81 0.87 0.00	40.80 0.88 0.00
W.BABYLN_69_KV_BK1 56697	45.69 3.85 0.00	41.61 3.33 0.00	38.25 2.90 0.00	35.98 2.45 0.00	35.58 2.57 0.00	36.43 2.29 0.00	35.65 1.95 0.00	37.64 2.43 0.00	34.23 2.54 0.00	37.37 3.29 -2.11	38.56 3.10 -3.14	43.06 3.13 -6.21	46.62 3.55 -7.26	48.53 3.89 -4.97	49.40 4.24 -2.78	50.30 4.50 -2.16	54.17 4.81 -0.23	60.54 4.99 -0.75	62.09 4.31 -0.35	62.01 3.82 0.53	59.19 3.74 0.39	52.98 2.77 0.09	49.20 3.26 0.00	43.16 3.23 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.97 2.13 0.00	40.23 1.95 0.00	37.12 1.77 0.00	35.17 1.64 0.00	34.53 1.52 0.00	35.58 1.43 0.00	34.91 1.21 0.00	36.65 1.44 0.00	33.22 1.52 0.00	33.70 1.73 0.00	34.09 1.78 0.00	35.50 1.79 0.00	37.93 2.11 0.00	42.05 2.38 0.00	45.01 2.63 0.00	46.44 2.79 0.00	52.22 3.10 0.00	57.76 2.96 0.00	59.90 2.47 0.00	60.84 2.11 0.00	58.18 2.35 0.00	52.26 1.96 0.00	47.92 1.98 0.00	41.64 1.72 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.26 2.43 0.00	40.50 2.22 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.69 1.68 0.00	35.72 1.57 0.00	35.08 1.38 0.00	36.90 1.69 0.00	33.57 1.87 0.00	34.15 2.17 0.00	34.48 2.17 0.00	35.87 2.16 0.00	38.36 2.54 0.00	42.40 2.74 0.00	45.39 3.01 0.00	46.88 3.23 0.00	52.72 3.59 0.00	57.98 3.18 0.00	59.90 2.47 0.00	60.73 2.00 0.00	58.24 2.40 0.00	52.47 2.16 0.00	48.15 2.21 0.00	41.88 1.96 0.00
W50THST__13_KV_LOAD 356117	44.56 2.72 0.00	40.73 2.45 0.00	37.54 2.19 0.00	35.58 2.05 0.00	34.89 1.88 0.00	35.92 1.78 0.00	35.28 1.58 0.00	37.14 1.94 0.00	33.82 2.12 0.00	34.40 2.43 0.00	34.71 2.39 0.00	36.10 2.39 0.00	38.65 2.83 0.00	42.72 3.05 0.00	45.68 3.31 0.00	47.19 3.54 0.00	53.11 3.98 0.00	58.47 3.67 0.00	60.30 2.87 0.00	61.14 2.41 0.00	58.69 2.85 0.00	52.82 2.52 0.00	48.47 2.53 0.00	42.12 2.20 0.00
WADING RIVER_IC_1 23522	45.39 3.55 0.00	41.49 3.22 0.00	38.21 2.86 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.33 2.19 0.00	35.65 1.95 0.00	37.74 2.54 0.00	34.45 2.76 0.00	37.53 3.45 -2.11	38.33 2.87 -3.14	42.62 2.70 -6.21	46.23 3.15 -7.26	48.21 3.57 -4.97	49.01 3.86 -2.78	50.00 4.19 -2.16	57.36 4.72 -3.52	67.20 4.39 -8.01	69.90 4.14 -8.34	64.01 3.40 -1.88	60.85 3.63 -1.38	53.75 3.17 -0.28	48.97 3.03 0.00	43.40 3.47 0.00
WADING RIVER_IC_2 23547	45.39 3.55 0.00	41.49 3.22 0.00	38.21 2.86 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.33 2.19 0.00	35.65 1.95 0.00	37.74 2.54 0.00	34.45 2.76 0.00	37.53 3.45 -2.11	38.33 2.87 -3.14	42.62 2.70 -6.21	46.23 3.15 -7.26	48.21 3.57 -4.97	49.01 3.86 -2.78	50.00 4.19 -2.16	57.36 4.72 -3.52	67.20 4.39 -8.01	69.90 4.14 -8.34	64.01 3.40 -1.88	60.85 3.63 -1.38	53.75 3.17 -0.28	48.97 3.03 0.00	43.40 3.47 0.00
WADING RIVER_IC_3 23601	45.39 3.55 0.00	41.49 3.22 0.00	38.21 2.86 0.00	35.84 2.31 0.00	35.19 2.18 0.00	36.33 2.19 0.00	35.65 1.95 0.00	37.74 2.54 0.00	34.45 2.76 0.00	37.53 3.45 -2.11	38.33 2.87 -3.14	42.62 2.70 -6.21	46.23 3.15 -7.26	48.21 3.57 -4.97	49.01 3.86 -2.78	50.00 4.19 -2.16	57.36 4.72 -3.52	67.20 4.39 -8.01	69.90 4.14 -8.34	64.01 3.40 -1.88	60.85 3.63 -1.38	53.75 3.17 -0.28	48.97 3.03 0.00	43.40 3.47 0.00
WALDENNY_12_KV_BK2 80841	40.67 -1.17 0.00	37.09 -1.19 0.00	33.80 -1.56 0.00	31.85 -1.68 0.00	31.36 -1.65 0.00	32.34 -1.81 0.00	31.94 -1.75 0.00	33.62 -1.58 0.00	30.94 -0.76 0.00	31.08 -0.90 0.00	31.31 -1.00 0.00	32.90 -0.81 0.00	35.17 -0.64 0.00	39.51 -0.16 0.00	41.87 -0.51 0.00	43.21 -0.44 0.00	48.29 -0.84 0.00	55.19 0.38 0.00	58.17 0.75 0.00	58.55 -0.18 0.00	54.05 -1.79 0.00	48.94 -1.36 0.00	44.70 -1.24 0.00	38.73 -1.20 0.00
WALDEN___HYDRO 24148	43.76 1.92 0.00	40.04 1.76 0.00	36.98 1.63 0.00	35.04 1.51 0.00	34.40 1.39 0.00	35.44 1.30 0.00	34.81 1.11 0.00	36.47 1.27 0.00	32.97 1.27 0.00	33.38 1.41 0.00	33.74 1.42 0.00	35.19 1.48 0.00	37.53 1.72 0.00	41.61 1.94 0.00	44.54 2.16 0.00	45.96 2.31 0.00	51.73 2.60 0.00	57.32 2.52 0.00	59.61 2.18 0.00	60.67 1.94 0.00	57.90 2.07 0.00	52.06 1.76 0.00	47.69 1.75 0.00	41.44 1.52 0.00
WARRENSBURG____ 23737	43.09 1.26 0.00	39.58 1.30 0.00	36.59 1.24 0.00	34.67 1.14 0.00	34.10 1.09 0.00	35.20 1.06 0.00	34.57 0.88 0.00	35.84 0.63 0.00	31.89 0.19 0.00	32.00 0.03 0.00	32.06 -0.26 0.00	33.41 -0.30 0.00	35.42 -0.39 0.00	38.99 -0.67 0.00	41.74 -0.64 0.00	43.08 -0.57 0.00	48.59 -0.54 0.00	54.86 0.05 0.00	58.40 0.98 0.00	60.31 1.59 0.00	57.90 2.07 0.00	52.01 1.71 0.00	47.41 1.47 0.00	41.08 1.16 0.00

WATERSIDE___6 8 9 23538	44.31 2.47 0.00	40.50 2.22 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.63 1.62 0.00	35.58 1.43 0.00	34.91 1.21 0.00	36.72 1.51 0.00	33.41 1.71 0.00	33.99 2.01 0.00	34.35 2.04 0.00	35.70 1.99 0.00	38.25 2.44 0.00	42.24 2.58 0.00	45.22 2.84 0.00	46.71 3.06 0.00	52.37 3.24 0.00	57.49 2.69 0.00	59.26 1.84 0.00	60.14 1.41 0.00	57.79 1.95 0.01	52.16 1.86 0.00	47.96 2.02 0.00	41.76 1.84 0.00
WATKINRD_115KV_LN8_ILLION 55919	42.13 0.29 0.00	38.62 0.34 0.00	35.67 0.32 0.00	33.86 0.34 0.00	33.31 0.30 0.00	34.42 0.27 0.00	33.90 0.20 0.00	35.42 0.21 0.00	31.82 0.13 0.00	32.10 0.13 0.00	32.41 0.10 0.00	33.84 0.13 0.00	35.96 0.14 0.00	39.82 0.16 0.00	42.55 0.17 0.00	43.83 0.17 0.00	49.38 0.25 0.00	55.19 0.38 0.00	57.77 0.34 0.00	59.20 0.47 0.00	56.28 0.45 0.00	50.71 0.40 0.00	46.26 0.32 0.00	40.12 0.20 0.00
WDELAWARE___HYD 323627	44.09 2.26 0.00	40.30 2.03 0.00	37.19 1.84 0.00	35.21 1.68 0.00	34.56 1.55 0.00	35.61 1.47 0.00	34.94 1.25 0.00	36.62 1.41 0.00	33.03 1.33 0.00	33.31 1.34 0.00	33.67 1.36 0.00	35.12 1.42 0.00	37.53 1.72 0.00	41.73 2.06 0.00	44.62 2.24 0.00	46.09 2.44 0.00	51.93 2.80 0.00	57.65 2.85 0.00	60.24 2.81 0.00	61.43 2.70 0.00	58.35 2.52 0.00	52.57 2.27 0.00	48.10 2.16 0.00	41.80 1.88 0.00
WEST BABYLON___IC 23714	45.69 3.85 0.00	41.61 3.33 0.00	38.25 2.90 0.00	35.98 2.45 0.00	35.58 2.57 0.00	36.43 2.29 0.00	35.65 1.95 0.00	37.64 2.43 0.00	34.23 2.54 0.00	37.37 3.29 -2.11	38.56 3.10 -3.14	43.06 3.13 -6.21	46.62 3.55 -7.26	48.53 3.89 -4.97	49.40 4.24 -2.78	50.30 4.50 -2.16	54.17 4.81 -0.23	60.54 4.99 -0.75	62.09 4.31 -0.35	62.01 3.82 0.53	59.19 3.74 0.39	52.98 2.77 0.09	49.20 3.26 0.00	43.16 3.23 0.00
WEST CANADA___HYD 24049	41.92 0.08 0.00	38.43 0.15 0.00	35.49 0.14 0.00	33.66 0.13 0.00	33.14 0.13 0.00	34.25 0.10 0.00	33.73 0.03 0.00	35.24 0.04 0.00	31.70 0.00 0.00	31.97 0.00 0.00	32.31 0.00 0.00	33.71 0.00 0.00	35.82 0.00 0.00	39.67 0.00 0.00	42.38 0.00 0.00	43.65 0.00 0.00	49.18 0.05 0.00	54.86 0.05 0.00	57.48 0.06 0.00	58.79 0.06 0.00	55.95 0.11 0.00	50.40 0.10 0.00	46.03 0.09 0.00	39.97 0.04 0.00
WESTERN_NY_WIND 24143	41.80 -0.04 0.00	37.93 -0.34 0.00	34.54 -0.81 0.00	32.52 -1.01 0.00	32.09 -0.92 0.00	33.09 -1.06 0.00	32.68 -1.01 0.00	34.29 -0.92 0.00	31.35 -0.35 0.00	31.40 -0.58 0.00	31.64 -0.68 0.00	33.17 -0.54 0.00	35.46 -0.36 0.00	39.78 0.12 0.00	42.21 -0.17 0.00	43.48 -0.17 0.00	48.83 -0.29 0.00	55.84 1.04 0.00	59.09 1.67 0.00	59.84 1.12 0.00	55.45 -0.39 0.00	50.20 -0.10 0.00	45.85 -0.09 0.00	39.49 -0.44 0.00
WESTOVER___LESR 323668	41.92 0.08 0.00	38.39 0.11 0.00	35.35 0.00 0.00	33.50 -0.03 0.00	32.98 -0.03 0.00	34.08 -0.07 0.00	33.53 -0.17 0.00	35.03 -0.18 0.00	31.60 -0.10 0.00	31.88 -0.10 0.00	32.22 -0.10 0.00	33.71 0.00 0.00	35.89 0.07 0.00	39.94 0.28 0.00	42.55 0.17 0.00	43.87 0.22 0.00	49.42 0.29 0.00	55.62 0.82 0.00	59.00 1.03 -0.54	60.30 0.94 -0.63	56.88 0.39 -0.65	51.05 0.20 -0.55	46.48 0.14 -0.40	40.00 0.04 -0.04
WETHRSFD_WT_PWR 323626	40.88 -0.96 0.00	37.32 -0.96 0.00	34.01 -1.34 0.00	32.26 -1.27 0.00	31.66 -1.35 0.00	32.78 -1.37 0.00	32.28 -1.41 0.00	33.55 -1.65 0.00	30.59 -1.11 0.00	30.92 -1.05 0.00	31.12 -1.19 0.00	32.63 -1.08 0.00	34.88 -0.93 0.00	39.07 -0.59 0.00	41.66 -0.72 0.00	42.78 -0.87 0.00	48.00 -1.13 0.00	54.64 -0.16 0.00	57.94 0.52 0.00	58.61 -0.12 0.00	55.00 -0.84 0.00	49.24 -1.06 0.00	44.84 -1.10 0.00	38.89 -1.04 0.00
WHAVSTOR_138KV_BK127 55557	43.76 1.92 0.00	40.04 1.76 0.00	36.94 1.59 0.00	35.01 1.48 0.00	34.36 1.35 0.00	35.41 1.26 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.09 1.39 0.00	33.57 1.60 0.00	33.96 1.65 0.00	35.36 1.65 0.00	37.79 1.97 0.00	41.85 2.18 0.00	44.79 2.42 0.00	46.23 2.58 0.00	51.98 2.85 0.00	57.43 2.63 0.00	59.55 2.12 0.00	60.49 1.76 0.00	57.85 2.01 0.00	51.96 1.66 0.00	47.64 1.70 0.00	41.44 1.52 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.76 1.92 0.00	40.04 1.76 0.00	36.94 1.59 0.00	35.01 1.48 0.00	34.36 1.35 0.00	35.41 1.26 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.09 1.39 0.00	33.57 1.60 0.00	33.96 1.65 0.00	35.36 1.65 0.00	37.79 1.97 0.00	41.85 2.18 0.00	44.79 2.42 0.00	46.23 2.58 0.00	51.98 2.85 0.00	57.43 2.63 0.00	59.55 2.12 0.00	60.49 1.76 0.00	57.85 2.01 0.00	51.96 1.66 0.00	47.64 1.70 0.00	41.44 1.52 0.00
WHITEHAL_115KV_TB1 80871	44.01 2.18 0.00	40.38 2.11 0.00	37.30 1.94 0.00	35.34 1.81 0.00	34.79 1.78 0.00	35.85 1.71 0.00	35.21 1.52 0.00	36.37 1.16 0.00	32.20 0.51 0.00	32.29 0.32 0.00	32.31 0.00 0.00	33.71 0.00 0.00	35.71 -0.11 0.00	39.39 -0.28 0.00	42.17 -0.21 0.00	43.52 -0.13 0.00	49.18 0.05 0.00	55.79 0.99 0.00	59.61 2.18 0.00	61.78 3.05 0.00	59.30 3.46 0.00	53.22 2.92 0.00	48.47 2.53 0.00	41.92 2.00 0.00
WHITEPLN_13_KV_LOAD 356215	44.43 2.59 0.00	40.69 2.41 0.00	37.54 2.19 0.00	35.51 1.98 0.00	34.86 1.85 0.00	35.89 1.74 0.00	35.24 1.55 0.00	37.04 1.83 0.00	33.63 1.93 0.00	34.11 2.14 0.00	34.48 2.17 0.00	35.90 2.19 0.00	38.36 2.54 0.00	42.36 2.70 0.00	45.43 3.05 0.00	46.92 3.27 0.00	52.77 3.64 0.00	58.31 3.51 0.00	60.41 2.99 0.00	61.43 2.70 0.00	58.80 2.96 0.00	52.77 2.46 0.00	48.42 2.48 0.00	42.12 2.20 0.00
WM_FLOYD_69_KV_BK2 356380	45.52 3.68 0.00	41.57 3.29 0.00	38.29 2.93 0.00	36.01 2.48 0.00	35.65 2.64 0.00	36.54 2.39 0.00	35.78 2.09 0.00	37.81 2.61 0.00	34.39 2.69 -2.11	37.59 3.52 -3.14	38.49 3.04 -6.21	42.85 2.93 -7.26	46.37 3.30 -4.97	48.33 3.69 -2.78	49.18 4.03 -2.16	50.09 4.28 -3.78	57.58 4.67 -8.89	68.41 4.71 -9.13	70.69 4.13 -2.04	64.47 3.70 -1.50	61.08 3.74 -0.30	53.42 2.82 0.00	49.16 3.22 0.00	43.16 3.23 0.00
WOODARD__115KV_TB2 355635	41.21 -0.63 0.00	37.78 -0.50 0.00	34.86 -0.49 0.00	33.03 -0.50 0.00	32.52 -0.50 0.00	33.63 -0.51 0.00	33.12 -0.57 0.00	34.64 -0.56 0.00	31.22 -0.48 0.00	31.49 -0.48 0.00	31.83 -0.48 0.00	33.27 -0.44 0.00	35.28 -0.54 0.00	39.15 -0.52 0.00	41.74 -0.64 0.00	43.00 -0.65 0.00	48.44 -0.69 0.00	54.25 -0.55 0.00	57.99 -0.40 -0.97	59.43 -0.41 -1.12	56.37 -0.61 -1.15	50.62 -0.65 -0.97	46.01 -0.64 -0.71	39.31 -0.68 -0.07
YORK___WARBASSE 23770	44.39 2.55 0.00	40.54 2.26 0.00	37.26 1.91 0.00	35.31 1.78 0.00	34.59 1.58 0.00	35.44 1.30 0.00	34.77 1.08 0.00	36.51 1.30 0.00	33.18 1.49 0.01	33.83 1.85 0.00	34.22 1.91 0.00	35.56 1.85 0.00	38.11 2.29 0.00	42.12 2.46 0.00	45.13 2.75 0.00	46.62 2.97 0.00	52.18 3.05 0.00	57.16 2.36 0.00	59.09 1.67 0.00	60.02 1.29 0.00	57.56 1.73 0.01	51.96 1.66 0.00	47.92 1.98 0.00	41.72 1.80 0.00