

Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$					--- Marginal Cost of Losses					--- Marginal Cost of Congestion													09/20/2024		
Generator Data																											
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
59TH STREET_GT_1		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
24138		35.30	30.07	28.30	27.37	29.83	28.99	45.50	37.64	41.98	42.70	39.44	38.13	42.42	43.65	43.98	43.81	53.40	51.58	49.01	45.91	41.02	36.72	38.44	44.18		
		1.94	1.51	1.33	1.23	1.28	1.34	2.32	2.29	2.59	2.58	2.54	2.55	2.76	3.05	3.16	3.18	3.84	3.73	3.23	2.81	2.49	2.21	2.21	2.39		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00		
74TH STREET_GT_1		35.40	30.17	28.40	27.47	29.94	29.09	45.64	37.70	42.03	42.71	39.44	38.12	42.41	43.70	44.03	43.83	53.43	51.64	49.08	46.02	41.09	36.78	38.52	44.27		
24260		2.04	1.61	1.43	1.32	1.39	1.43	2.46	2.35	2.63	2.60	2.54	2.54	2.76	3.09	3.21	3.20	3.87	3.79	3.30	2.91	2.56	2.27	2.29	2.49		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00		
74TH STREET_GT_2		35.40	30.17	28.40	27.47	29.94	29.09	45.64	37.70	42.03	42.71	39.44	38.12	42.41	43.70	44.03	43.83	53.43	51.64	49.08	46.02	41.09	36.78	38.52	44.27		
24261		2.04	1.61	1.43	1.32	1.39	1.43	2.46	2.35	2.63	2.60	2.54	2.54	2.76	3.09	3.21	3.20	3.87	3.79	3.30	2.91	2.56	2.27	2.29	2.49		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00		
ADK HUDSON___FALLS		35.46	30.29	28.64	27.75	30.35	29.40	45.91	37.83	42.26	43.06	39.40	37.70	41.78	42.96	43.38	43.34	53.01	51.54	49.50	46.61	41.67	36.90	38.74	44.56		
24011		2.10	1.73	1.67	1.61	1.80	1.74	2.73	2.48	2.87	2.94	2.50	2.13	2.12	2.36	2.56	2.70	3.45	3.68	3.72	3.50	3.14	2.57	2.65	2.77		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.00		
ADK RESOURCE___RCVRY		35.62	30.39	28.76	27.86	30.49	29.53	46.08	38.04	42.59	43.43	39.72	37.95	41.96	43.14	43.59	43.59	53.41	51.85	49.83	47.00	42.05	37.21	39.09	44.91		
23798		2.26	1.83	1.79	1.72	1.94	1.87	2.90	2.69	3.20	3.31	2.82	2.38	2.30	2.54	2.77	2.96	3.85	3.99	4.05	3.89	3.51	2.87	2.99	3.13		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.00		
ADK S GLENS___FALLS		35.46	30.29	28.64	27.75	30.35	29.40	45.91	37.83	42.26	43.06	39.40	37.70	41.78	42.96	43.38	43.34	53.01	51.54	49.50	46.61	41.67	36.90	38.74	44.56		
24028		2.10	1.73	1.67	1.61	1.80	1.74	2.73	2.48	2.87	2.94	2.50	2.13	2.12	2.36	2.56	2.70	3.45	3.68	3.72	3.50	3.14	2.57	2.65	2.77		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.06	0.00		
ADK_NYS___DAM		34.89	29.99	28.35	27.45	30.03	28.94	44.94	36.93	41.10	41.95	38.53	37.07	41.07	42.03	42.35	42.20	51.13	49.44	47.40	44.59	40.03	35.44	37.29	43.08		
23527		1.52	1.43	1.38	1.31	1.48	1.29	1.76	1.58	1.71	1.83	1.62	1.50	1.41	1.43	1.53	1.57	1.57	1.59	1.62	1.49	1.50	1.20	1.26	1.30		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.13	0.00		
AIR_PRODUCTS___DRP		33.64	28.80	27.20	26.34	28.77	27.83	43.46	35.72	39.78	40.54	37.26	35.87	39.87	40.93	41.24	41.09	50.05	48.51	46.43	43.62	38.97	34.64	36.35	41.91		
24190		0.28	0.24	0.23	0.19	0.23	0.17	0.27	0.36	0.38	0.42	0.35	0.29	0.21	0.33	0.42	0.46	0.49	0.66	0.65	0.52	0.43	0.29	0.23	0.13		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.00		
AKWESSNE_115KV_BK		33.42	28.70	27.09	26.26	28.67	27.79	43.35	35.44	39.66	40.40	37.08	35.74	39.83	40.57	40.63	40.26	49.23	47.40	45.41	42.87	38.40	34.41	36.21	41.89		
355683		0.06	0.14	0.12	0.11	0.12	0.13	0.17	0.09	0.27	0.28	0.18	0.16	0.17	-0.03	-0.20	-0.37	-0.33	-0.46	-0.37	-0.23	-0.13	-0.01	0.05	0.11		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		34.43	29.44	27.84	26.98	29.49	28.52	44.50	36.49	40.56	41.35	37.89	36.25	40.13	41.31	41.60	41.52	50.55	49.30	47.38	44.59	39.88	35.46	37.21	42.90		
323833		1.07	0.88	0.86	0.83	0.94	0.87	1.32	1.14	1.17	1.23	0.98	0.68	0.48	0.71	0.78	0.89	0.99	1.44	1.60	1.49	1.34	1.09	1.08	1.12		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.00		
ALBANY_2_SOLAR		34.42	29.43	27.83	26.97	29.48	28.51	44.49	36.48	40.56	41.35	37.88	36.25	40.13	41.31	41.60	41.50	50.54	49.29	47.37	44.58	39.87	35.46	37.20	42.89		
323834		1.05	0.87	0.86	0.83	0.93	0.85	1.30	1.13	1.17	1.23	0.97	0.67	0.48	0.70	0.78	0.87	0.98	1.43	1.59	1.48	1.33	1.09	1.07	1.10		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.00		
ALBANY___1		33.64	28.80	27.20	26.34	28.77	27.83	43.46	35.72	39.78	40.54	37.26	35.87	39.87	40.93	41.24	41.09	50.05	48.51	46.43	43.62	38.97	34.64	36.35	41.91		
23571		0.28	0.24	0.23	0.19	0.23	0.17	0.27	0.36	0.38	0.42	0.35	0.29	0.21	0.33	0.42	0.46	0.49	0.66	0.65	0.52	0.43	0.29	0.23	0.13		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.00		

ALBANY___2 23572	33.64 0.28 0.00	28.80 0.24 0.00	27.20 0.23 0.00	26.34 0.19 0.00	28.77 0.23 0.00	27.83 0.17 0.00	43.46 0.27 0.00	35.72 0.36 0.00	39.78 0.38 0.00	40.54 0.42 0.00	37.26 0.35 0.00	35.87 0.29 0.00	39.87 0.21 0.00	40.93 0.33 0.00	41.24 0.42 0.00	41.09 0.46 0.00	50.05 0.49 0.00	48.51 0.66 0.00	46.43 0.65 0.00	43.62 0.52 0.00	38.97 0.43 0.00	34.64 0.29 0.08	36.35 0.23 0.05	41.91 0.13 0.00
ALBANY___3 23573	33.64 0.28 0.00	28.80 0.24 0.00	27.20 0.23 0.00	26.34 0.19 0.00	28.77 0.23 0.00	27.83 0.17 0.00	43.46 0.27 0.00	35.72 0.36 0.00	39.78 0.38 0.00	40.54 0.42 0.00	37.26 0.35 0.00	35.87 0.29 0.00	39.87 0.21 0.00	40.93 0.33 0.00	41.24 0.42 0.00	41.09 0.46 0.00	50.05 0.49 0.00	48.51 0.66 0.00	46.43 0.65 0.00	43.62 0.52 0.00	38.97 0.43 0.00	34.64 0.29 0.08	36.35 0.23 0.05	41.91 0.13 0.00
ALBANY___4 23574	33.64 0.28 0.00	28.80 0.24 0.00	27.20 0.23 0.00	26.34 0.19 0.00	28.77 0.23 0.00	27.83 0.17 0.00	43.46 0.27 0.00	35.72 0.36 0.00	39.78 0.38 0.00	40.54 0.42 0.00	37.26 0.35 0.00	35.87 0.29 0.00	39.87 0.21 0.00	40.93 0.33 0.00	41.24 0.42 0.00	41.09 0.46 0.00	50.05 0.49 0.00	48.51 0.66 0.00	46.43 0.65 0.00	43.62 0.52 0.00	38.97 0.43 0.00	34.64 0.29 0.08	36.35 0.23 0.05	41.91 0.13 0.00
ALBANY___LFGE 323615	34.03 0.67 0.00	29.11 0.55 0.00	27.49 0.52 0.00	26.62 0.48 0.00	29.09 0.54 0.00	28.14 0.48 0.00	43.96 0.78 0.00	36.13 0.78 0.00	40.25 0.85 0.00	41.03 0.91 0.00	37.69 0.79 0.00	36.29 0.72 0.00	40.34 0.68 0.00	41.46 0.86 0.00	41.79 0.97 0.00	41.63 0.99 0.00	50.74 1.18 0.00	49.19 1.34 0.00	47.06 1.28 0.00	44.19 1.09 0.00	39.46 0.93 0.00	35.06 0.72 0.08	36.77 0.67 0.06	42.39 0.61 0.00
ALCOA_PA_115KV_PL-6C 55860	33.56 0.20 0.00	28.82 0.26 0.00	27.20 0.22 0.00	26.37 0.23 0.00	28.79 0.24 0.00	27.91 0.26 0.00	43.56 0.37 0.00	35.60 0.25 0.00	39.78 0.39 0.00	40.48 0.36 0.00	37.13 0.22 0.00	35.78 0.20 0.00	39.86 0.20 0.00	40.61 0.01 0.00	40.67 -0.16 0.00	40.31 -0.32 0.00	49.30 -0.26 0.00	47.52 -0.34 0.00	45.60 -0.19 0.00	43.09 -0.02 0.00	38.58 0.05 0.00	34.59 0.17 0.00	36.42 0.26 0.00	42.11 0.33 0.00
ALCOA_RYNLDS___DRP 24188	33.56 0.20 0.00	28.82 0.26 0.00	27.20 0.22 0.00	26.37 0.23 0.00	28.79 0.24 0.00	27.91 0.26 0.00	43.56 0.37 0.00	35.60 0.25 0.00	39.78 0.39 0.00	40.48 0.36 0.00	37.13 0.22 0.00	35.78 0.20 0.00	39.86 0.20 0.00	40.61 0.01 0.00	40.67 -0.16 0.00	40.31 -0.32 0.00	49.30 -0.26 0.00	47.52 -0.34 0.00	45.60 -0.19 0.00	43.09 -0.02 0.00	38.58 0.05 0.00	34.59 0.17 0.00	36.42 0.26 0.00	42.11 0.33 0.00
ALCOA___DSASP 323711	33.56 0.20 0.00	28.82 0.26 0.00	27.20 0.22 0.00	26.37 0.23 0.00	28.79 0.24 0.00	27.91 0.26 0.00	43.56 0.37 0.00	35.60 0.25 0.00	39.78 0.39 0.00	40.48 0.36 0.00	37.13 0.22 0.00	35.78 0.20 0.00	39.86 0.20 0.00	40.61 0.01 0.00	40.67 -0.16 0.00	40.31 -0.32 0.00	49.30 -0.26 0.00	47.52 -0.34 0.00	45.60 -0.18 0.00	43.09 -0.02 0.00	38.59 0.05 0.00	34.59 0.17 0.00	36.42 0.26 0.00	42.11 0.33 0.00
ALLEGHENY___COGEN 23514	34.34 0.97 0.00	29.17 0.62 0.00	27.48 0.51 0.00	26.66 0.51 0.00	29.19 0.64 0.00	28.59 0.94 0.00	44.65 1.47 0.00	36.49 1.13 0.00	39.86 0.47 0.00	40.10 -0.02 0.00	36.68 -0.22 0.00	35.37 -0.20 0.00	39.55 -0.11 0.00	41.17 0.56 0.00	41.61 0.79 0.00	41.55 0.92 0.00	51.14 1.58 0.00	49.95 2.10 0.00	47.58 1.80 0.00	45.28 2.18 0.00	40.56 2.03 0.00	35.83 1.41 0.00	37.87 1.70 0.00	43.67 1.88 0.00
ALTAMONT_115KV_TB 2 55880	34.05 0.69 0.00	29.12 0.56 0.00	27.51 0.54 0.00	26.65 0.51 0.00	29.11 0.56 0.00	28.15 0.50 0.00	43.99 0.81 0.00	36.13 0.78 0.00	40.22 0.82 0.00	40.95 0.83 0.00	37.64 0.74 0.00	36.23 0.66 0.00	40.27 0.61 0.00	41.36 0.76 0.00	41.66 0.84 0.00	41.49 0.86 0.00	50.55 0.99 0.00	49.00 1.14 0.00	46.92 1.14 0.00	44.10 1.00 0.00	39.40 0.87 0.00	35.07 0.70 0.05	36.82 0.69 0.04	42.47 0.69 0.00
ALTONA_WT_PWR 323606	34.30 0.94 0.00	29.32 0.76 0.00	27.70 0.73 0.00	26.83 0.69 0.00	29.34 0.79 0.00	28.49 0.83 0.00	44.41 1.23 0.00	36.60 1.25 0.00	40.71 1.32 0.00	41.51 1.39 0.00	37.97 1.06 0.00	36.51 0.93 0.00	40.66 1.00 0.00	41.43 0.83 0.00	41.57 0.75 0.00	41.29 0.66 0.00	50.63 1.07 0.00	48.69 0.84 0.00	46.75 0.97 0.00	43.70 0.60 0.00	39.16 0.63 0.00	34.84 0.42 0.00	36.73 0.56 0.00	42.62 0.83 0.00
AMERICAN_REF_FUEL 24010	32.37 -0.99 0.00	27.58 -0.98 0.00	25.99 -0.98 0.00	25.25 -0.90 0.00	27.57 -0.98 0.00	26.98 -0.68 0.00	41.57 -1.61 0.00	33.66 -1.70 0.00	36.72 -2.67 0.00	37.71 -2.41 0.00	34.73 -2.18 0.00	33.47 -2.10 0.00	37.33 -2.33 0.00	39.02 -1.58 0.00	39.48 -1.34 0.00	39.38 -1.25 0.00	48.30 -1.26 0.00	46.52 -1.33 0.01	43.54 -2.24 0.01	40.98 -2.13 0.00	36.87 -1.66 0.00	32.82 -1.60 0.00	35.22 -0.94 0.00	41.15 -0.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.60 0.24 0.00	28.56 0.00 0.00	26.92 -0.06 0.00	26.03 -0.12 0.00	28.48 -0.06 0.00	27.94 0.28 0.00	43.79 0.61 0.00	35.65 0.30 0.00	39.00 -0.39 0.00	40.06 -0.06 0.00	37.14 0.24 0.00	35.88 0.31 0.00	40.14 0.48 0.00	42.04 1.44 0.00	42.63 1.81 0.00	42.34 1.71 0.00	52.15 2.59 0.00	50.39 2.53 0.00	47.10 1.31 0.00	44.08 0.98 0.00	39.50 0.96 0.00	34.91 0.48 0.00	37.10 0.94 0.00	42.68 0.89 0.00
ARTHUR KILL_GT_1 23520	35.35 1.99 0.00	30.15 1.59 0.00	28.39 1.42 0.00	27.45 1.31 0.00	29.93 1.38 0.00	29.08 1.42 0.00	45.43 2.25 0.00	37.59 2.24 0.00	41.70 2.30 0.00	42.32 2.21 0.00	39.22 2.31 0.00	37.84 2.26 0.00	41.91 2.35 0.11	43.33 2.73 0.00	43.76 2.94 0.00	43.48 2.85 0.00	52.95 3.39 0.00	51.27 3.42 0.00	48.79 3.01 0.00	45.78 2.67 0.00	40.97 2.44 0.00	36.81 2.29 -0.09	38.37 2.15 -0.06	44.08 2.30 0.00
ARTHUR_KILL_2 23512	35.23 1.87 0.00	30.05 1.50 0.00	28.31 1.33 0.00	27.37 1.23 0.00	29.85 1.30 0.00	28.99 1.33 0.00	45.28 2.10 0.00	37.47 2.12 0.00	41.58 2.18 0.00	42.19 2.08 0.00	39.11 2.20 0.00	37.72 2.15 0.00	41.78 2.24 0.11	43.21 2.61 0.00	43.63 2.80 0.00	43.34 2.71 0.00	52.76 3.20 0.00	51.08 3.22 0.00	48.61 2.82 0.00	45.61 2.50 0.00	40.83 2.29 0.00	36.68 2.16 -0.09	38.26 2.03 -0.06	43.93 2.15 0.00
ARTHUR_KILL_3 23513	35.06 1.70 0.00	29.87 1.31 0.00	28.12 1.14 0.00	27.20 1.06 0.00	29.64 1.09 0.00	28.78 1.13 0.00	45.11 1.93 0.00	37.26 1.91 0.00	41.48 2.09 0.00	42.13 2.01 0.00	38.92 2.02 0.00	37.63 2.05 0.00	41.86 2.20 0.00	43.08 2.48 0.00	43.45 2.63 0.00	43.25 2.61 0.00	52.74 3.18 0.00	51.01 3.16 0.00	48.53 2.74 0.00	45.48 2.37 0.00	40.60 2.07 0.00	36.38 1.86 -0.09	38.08 1.85 -0.06	43.79 2.01 0.00

ARTHUR_KILL_COGEN 323718	35.35 1.99 0.00	30.15 1.59 0.00	28.39 1.42 0.00	27.45 1.31 0.00	29.93 1.38 0.00	29.08 1.42 0.00	45.43 2.25 0.00	37.59 2.24 0.00	41.70 2.30 0.00	42.32 2.21 0.00	39.22 2.31 0.00	37.84 2.26 0.00	41.91 2.35 0.11	43.33 2.73 0.00	43.76 2.94 0.00	43.48 2.85 0.00	52.95 3.39 0.00	51.27 3.42 0.00	48.79 3.01 0.00	45.78 2.67 0.00	40.97 2.44 0.00	36.81 2.29 -0.09	38.37 2.15 -0.06	44.08 2.30 0.00
ASHOKAN____ 23654	34.59 1.23 0.00	29.52 0.96 0.00	27.84 0.86 0.00	26.98 0.83 0.00	29.46 0.92 0.00	28.55 0.90 0.00	44.74 1.55 0.00	36.86 1.51 0.00	41.03 1.64 0.00	41.74 1.62 0.00	38.41 1.51 0.00	36.82 1.25 0.00	40.72 1.06 0.00	41.86 1.25 0.00	42.27 1.45 0.00	42.25 1.62 0.00	51.61 2.05 0.00	50.31 2.46 0.00	48.33 2.54 0.00	45.45 2.35 0.00	40.52 1.99 0.00	36.02 1.60 0.00	37.65 1.49 0.00	43.21 1.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.18 1.82 0.00	29.96 1.40 0.00	28.21 1.23 0.00	27.26 1.12 0.00	29.73 1.18 0.00	28.90 1.25 0.00	45.32 2.13 0.00	37.45 2.10 0.00	41.71 2.31 0.00	42.33 2.21 0.00	39.12 2.21 0.00	37.82 2.24 0.00	42.04 2.39 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.31 2.68 0.00	52.81 3.25 0.00	51.10 3.24 0.00	48.57 2.79 0.00	45.58 2.47 -0.01	40.76 2.23 0.00	36.51 2.00 -0.09	38.26 2.03 -0.06	44.03 2.24 0.00
ASTORIA_EAST_ENERGY_CC2 323582	35.15 1.78 0.00	29.93 1.37 0.00	28.17 1.19 0.00	27.22 1.08 0.00	29.70 1.15 0.00	28.88 1.22 0.00	45.29 2.11 0.00	37.43 2.08 0.00	41.68 2.29 0.00	42.32 2.20 0.00	39.10 2.20 0.00	37.80 2.23 0.00	42.03 2.37 0.00	43.23 2.63 0.00	43.57 2.75 0.00	43.29 2.66 0.00	52.80 3.24 0.00	51.08 3.23 0.00	48.56 2.78 0.00	45.56 2.45 -0.01	40.75 2.22 0.00	36.50 1.99 -0.09	38.25 2.02 -0.06	44.03 2.25 0.00
ASTORIA_GT2_1 24094	35.20 1.83 0.00	29.97 1.41 0.00	28.21 1.24 0.00	27.27 1.13 0.00	29.75 1.20 0.00	28.92 1.27 0.00	45.34 2.16 0.00	37.47 2.11 0.00	41.72 2.33 0.00	42.36 2.24 0.00	39.13 2.23 0.00	37.83 2.25 0.00	42.06 2.40 0.00	43.27 2.67 0.00	43.61 2.79 0.00	43.32 2.69 0.00	52.84 3.28 0.00	51.12 3.27 0.00	48.59 2.81 0.00	45.59 2.48 -0.01	40.78 2.24 0.00	36.53 2.02 -0.09	38.28 2.05 -0.06	44.05 2.26 0.00
ASTORIA_GT2_2 24095	35.20 1.83 0.00	29.97 1.41 0.00	28.21 1.24 0.00	27.27 1.13 0.00	29.75 1.20 0.00	28.92 1.27 0.00	45.34 2.16 0.00	37.47 2.11 0.00	41.72 2.33 0.00	42.36 2.24 0.00	39.13 2.23 0.00	37.83 2.25 0.00	42.06 2.40 0.00	43.27 2.67 0.00	43.61 2.79 0.00	43.32 2.69 0.00	52.84 3.28 0.00	51.12 3.27 0.00	48.59 2.81 0.00	45.59 2.48 -0.01	40.78 2.24 0.00	36.53 2.02 -0.09	38.28 2.05 -0.06	44.05 2.26 0.00
ASTORIA_GT2_3 24096	35.20 1.83 0.00	29.97 1.41 0.00	28.21 1.24 0.00	27.27 1.13 0.00	29.75 1.20 0.00	28.92 1.27 0.00	45.34 2.16 0.00	37.47 2.11 0.00	41.72 2.33 0.00	42.36 2.24 0.00	39.13 2.23 0.00	37.83 2.25 0.00	42.06 2.40 0.00	43.27 2.67 0.00	43.61 2.79 0.00	43.32 2.69 0.00	52.84 3.28 0.00	51.12 3.27 0.00	48.59 2.81 0.00	45.59 2.48 -0.01	40.78 2.24 0.00	36.53 2.02 -0.09	38.28 2.05 -0.06	44.05 2.26 0.00
ASTORIA_GT2_4 24097	35.20 1.83 0.00	29.97 1.41 0.00	28.21 1.24 0.00	27.27 1.13 0.00	29.75 1.20 0.00	28.92 1.27 0.00	45.34 2.16 0.00	37.47 2.11 0.00	41.72 2.33 0.00	42.36 2.24 0.00	39.13 2.23 0.00	37.83 2.25 0.00	42.06 2.40 0.00	43.27 2.67 0.00	43.61 2.79 0.00	43.32 2.69 0.00	52.84 3.28 0.00	51.12 3.27 0.00	48.59 2.81 0.00	45.59 2.48 -0.01	40.78 2.24 0.00	36.53 2.02 -0.09	38.28 2.05 -0.06	44.05 2.26 0.00
ASTORIA_GT3_1 24098	35.15 1.79 0.00	29.94 1.38 0.00	28.18 1.21 0.00	27.23 1.09 0.00	29.71 1.16 0.00	28.89 1.23 0.00	45.32 2.14 0.00	37.45 2.10 0.00	41.71 2.32 0.00	42.33 2.21 0.00	39.12 2.21 0.00	37.82 2.25 0.00	42.05 2.39 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.31 2.67 0.00	52.83 3.27 0.00	51.11 3.26 0.00	48.59 2.80 0.00	45.58 2.47 -0.01	40.77 2.23 0.00	36.52 2.01 -0.09	38.27 2.05 -0.06	44.05 2.27 0.00
ASTORIA_GT3_2 24099	35.15 1.79 0.00	29.94 1.38 0.00	28.18 1.21 0.00	27.23 1.09 0.00	29.71 1.16 0.00	28.89 1.23 0.00	45.32 2.14 0.00	37.45 2.10 0.00	41.71 2.32 0.00	42.33 2.21 0.00	39.12 2.21 0.00	37.82 2.25 0.00	42.05 2.39 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.31 2.67 0.00	52.83 3.27 0.00	51.11 3.26 0.00	48.59 2.80 0.00	45.58 2.47 -0.01	40.77 2.23 0.00	36.52 2.01 -0.09	38.27 2.05 -0.06	44.05 2.27 0.00
ASTORIA_GT3_3 24100	35.15 1.79 0.00	29.94 1.38 0.00	28.18 1.21 0.00	27.23 1.09 0.00	29.71 1.16 0.00	28.89 1.23 0.00	45.32 2.14 0.00	37.45 2.10 0.00	41.71 2.32 0.00	42.33 2.21 0.00	39.12 2.21 0.00	37.82 2.25 0.00	42.05 2.39 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.31 2.67 0.00	52.83 3.27 0.00	51.11 3.26 0.00	48.59 2.80 0.00	45.58 2.47 -0.01	40.77 2.23 0.00	36.52 2.01 -0.09	38.27 2.05 -0.06	44.05 2.27 0.00
ASTORIA_GT3_4 24101	35.15 1.79 0.00	29.94 1.38 0.00	28.18 1.21 0.00	27.23 1.09 0.00	29.71 1.16 0.00	28.89 1.23 0.00	45.32 2.14 0.00	37.45 2.10 0.00	41.71 2.32 0.00	42.33 2.21 0.00	39.12 2.21 0.00	37.82 2.25 0.00	42.05 2.39 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.31 2.67 0.00	52.83 3.27 0.00	51.11 3.26 0.00	48.59 2.80 0.00	45.58 2.47 -0.01	40.77 2.23 0.00	36.52 2.01 -0.09	38.27 2.05 -0.06	44.05 2.27 0.00
ASTORIA_GT4_1 24102	35.15 1.79 0.00	29.94 1.38 0.00	28.18 1.21 0.00	27.23 1.09 0.00	29.71 1.16 0.00	28.89 1.23 0.00	45.32 2.14 0.00	37.45 2.10 0.00	41.71 2.32 0.00	42.33 2.21 0.00	39.12 2.21 0.00	37.82 2.25 0.00	42.05 2.39 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.31 2.67 0.00	52.83 3.27 0.00	51.11 3.26 0.00	48.59 2.80 0.00	45.58 2.47 -0.01	40.77 2.23 0.00	36.52 2.01 -0.09	38.27 2.05 -0.06	44.05 2.27 0.00
ASTORIA_GT4_2 24103	35.15 1.79 0.00	29.94 1.38 0.00	28.18 1.21 0.00	27.23 1.09 0.00	29.71 1.16 0.00	28.89 1.23 0.00	45.32 2.14 0.00	37.45 2.10 0.00	41.71 2.32 0.00	42.33 2.21 0.00	39.12 2.21 0.00	37.82 2.25 0.00	42.05 2.39 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.31 2.67 0.00	52.83 3.27 0.00	51.11 3.26 0.00	48.59 2.80 0.00	45.58 2.47 -0.01	40.77 2.23 0.00	36.52 2.01 -0.09	38.27 2.05 -0.06	44.05 2.27 0.00
ASTORIA_GT4_3 24104	35.15 1.79 0.00	29.94 1.38 0.00	28.18 1.21 0.00	27.23 1.09 0.00	29.71 1.16 0.00	28.89 1.23 0.00	45.32 2.14 0.00	37.45 2.10 0.00	41.71 2.32 0.00	42.33 2.21 0.00	39.12 2.21 0.00	37.82 2.25 0.00	42.05 2.39 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.31 2.67 0.00	52.83 3.27 0.00	51.11 3.26 0.00	48.59 2.80 0.00	45.58 2.47 -0.01	40.77 2.23 0.00	36.52 2.01 -0.09	38.27 2.05 -0.06	44.05 2.27 0.00

ASTORIA_GT4_4 24105	35.15 1.79 0.00	29.94 1.38 0.00	28.18 1.21 0.00	27.23 1.09 0.00	29.71 1.16 0.00	28.89 1.23 0.00	45.32 2.14 0.00	37.45 2.10 0.00	41.71 2.32 0.00	42.33 2.21 0.00	39.12 2.21 0.00	37.82 2.25 0.00	42.05 2.39 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.31 2.67 0.00	52.83 3.27 0.00	51.11 3.26 0.00	48.59 2.80 0.00	45.58 2.47 -0.01	40.77 2.23 0.00	36.52 2.01 -0.09	38.27 2.05 -0.06	44.05 2.27 0.00
ASTORIA_GT_1 23523	35.25 1.88 0.00	30.01 1.45 0.00	28.25 1.27 0.00	27.29 1.15 0.00	29.78 1.23 0.00	28.96 1.30 0.00	45.40 2.22 0.00	37.52 2.17 0.00	41.80 2.40 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.91 2.33 0.00	42.15 2.50 0.00	43.36 2.75 0.00	43.70 2.88 0.00	43.41 2.78 0.00	52.95 3.38 0.00	51.22 3.37 0.00	48.68 2.90 0.00	45.68 2.57 -0.01	40.85 2.32 0.00	36.60 2.09 -0.09	38.34 2.11 -0.06	44.13 2.34 0.00
ASTORIA_GT_10 24110	35.20 1.84 0.00	30.00 1.43 0.00	28.24 1.26 0.00	27.30 1.16 0.00	29.76 1.22 0.00	28.93 1.27 0.00	45.36 2.18 0.00	37.50 2.14 0.00	41.77 2.38 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.13 2.47 0.00	43.38 2.78 0.00	43.73 2.91 0.00	43.47 2.84 0.00	52.90 3.34 0.00	51.14 3.29 0.00	48.61 2.83 0.00	45.62 2.51 0.00	40.80 2.27 0.00	36.56 2.05 -0.09	38.28 2.05 -0.06	44.02 2.24 0.00
ASTORIA_GT_11 24225	35.20 1.84 0.00	30.00 1.43 0.00	28.24 1.26 0.00	27.30 1.16 0.00	29.76 1.22 0.00	28.93 1.27 0.00	45.36 2.18 0.00	37.50 2.14 0.00	41.77 2.38 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.13 2.47 0.00	43.38 2.78 0.00	43.73 2.91 0.00	43.47 2.84 0.00	52.90 3.34 0.00	51.14 3.29 0.00	48.61 2.83 0.00	45.62 2.51 0.00	40.80 2.27 0.00	36.56 2.05 -0.09	38.28 2.05 -0.06	44.02 2.24 0.00
ASTORIA_GT_12 24226	35.20 1.84 0.00	30.00 1.43 0.00	28.24 1.26 0.00	27.30 1.16 0.00	29.76 1.22 0.00	28.93 1.27 0.00	45.36 2.18 0.00	37.50 2.14 0.00	41.77 2.38 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.13 2.47 0.00	43.38 2.78 0.00	43.73 2.91 0.00	43.47 2.84 0.00	52.90 3.34 0.00	51.14 3.29 0.00	48.61 2.83 0.00	45.62 2.51 0.00	40.80 2.27 0.00	36.56 2.05 -0.09	38.28 2.05 -0.06	44.02 2.24 0.00
ASTORIA_GT_13 24227	35.20 1.84 0.00	30.00 1.43 0.00	28.24 1.26 0.00	27.30 1.16 0.00	29.76 1.22 0.00	28.93 1.27 0.00	45.36 2.18 0.00	37.50 2.14 0.00	41.77 2.38 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.13 2.47 0.00	43.38 2.78 0.00	43.73 2.91 0.00	43.47 2.84 0.00	52.90 3.34 0.00	51.14 3.29 0.00	48.61 2.83 0.00	45.62 2.51 0.00	40.80 2.27 0.00	36.56 2.05 -0.09	38.28 2.05 -0.06	44.02 2.24 0.00
ASTORIA_GT_5 24106	35.25 1.88 0.00	30.01 1.45 0.00	28.25 1.27 0.00	27.30 1.15 0.00	29.78 1.23 0.00	28.96 1.30 0.00	45.41 2.23 0.00	37.53 2.17 0.00	41.80 2.40 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.15 2.49 0.00	43.36 2.75 0.00	43.70 2.88 0.00	43.41 2.78 0.00	52.95 3.39 0.00	51.22 3.37 0.00	48.68 2.90 0.00	45.68 2.57 -0.01	40.86 2.32 0.00	36.60 2.09 -0.09	38.34 2.12 -0.06	44.13 2.34 0.00
ASTORIA_GT_7 24107	35.25 1.88 0.00	30.01 1.45 0.00	28.25 1.27 0.00	27.30 1.15 0.00	29.78 1.23 0.00	28.96 1.30 0.00	45.41 2.23 0.00	37.53 2.17 0.00	41.80 2.40 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.15 2.49 0.00	43.36 2.75 0.00	43.70 2.88 0.00	43.41 2.78 0.00	52.95 3.39 0.00	51.22 3.37 0.00	48.68 2.90 0.00	45.68 2.57 -0.01	40.86 2.32 0.00	36.60 2.09 -0.09	38.34 2.12 -0.06	44.13 2.34 0.00
ASTORIA_GT_8 24108	35.25 1.88 0.00	30.01 1.45 0.00	28.25 1.27 0.00	27.30 1.15 0.00	29.78 1.23 0.00	28.96 1.30 0.00	45.41 2.23 0.00	37.53 2.17 0.00	41.80 2.40 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.15 2.49 0.00	43.36 2.75 0.00	43.70 2.88 0.00	43.41 2.78 0.00	52.95 3.39 0.00	51.22 3.37 0.00	48.68 2.90 0.00	45.68 2.57 -0.01	40.86 2.32 0.00	36.60 2.09 -0.09	38.34 2.12 -0.06	44.13 2.34 0.00
ASTORIA___2 24149	35.15 1.79 0.00	29.94 1.38 0.00	28.18 1.21 0.00	27.23 1.09 0.00	29.71 1.16 0.00	28.89 1.23 0.00	45.32 2.13 0.00	37.44 2.09 0.00	41.71 2.31 0.00	42.33 2.21 0.00	39.12 2.21 0.00	37.82 2.25 0.00	42.04 2.39 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.31 2.68 0.00	52.83 3.27 0.00	51.11 3.26 0.00	48.58 2.80 0.00	45.58 2.47 -0.01	40.77 2.23 0.00	36.52 2.01 -0.09	38.26 2.04 -0.06	44.04 2.26 0.00
ASTORIA___3 23516	35.20 1.84 0.00	30.00 1.44 0.00	28.24 1.26 0.00	27.30 1.15 0.00	29.76 1.22 0.00	28.93 1.27 0.00	45.36 2.17 0.00	37.49 2.14 0.00	41.76 2.37 0.00	42.42 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.13 2.48 0.00	43.38 2.78 0.00	43.72 2.90 0.00	43.47 2.84 0.00	52.90 3.34 0.00	51.14 3.29 0.00	48.61 2.82 0.00	45.61 2.51 0.00	40.80 2.26 0.00	36.56 2.05 -0.09	38.27 2.05 -0.06	44.02 2.24 0.00
ASTORIA___4 23517	35.20 1.84 0.00	30.00 1.43 0.00	28.24 1.26 0.00	27.30 1.16 0.00	29.76 1.22 0.00	28.93 1.27 0.00	45.36 2.18 0.00	37.50 2.14 0.00	41.77 2.37 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.13 2.47 0.00	43.38 2.78 0.00	43.73 2.91 0.00	43.47 2.84 0.00	52.90 3.34 0.00	51.14 3.29 0.00	48.61 2.83 0.00	45.61 2.51 0.00	40.80 2.27 0.00	36.56 2.05 -0.09	38.28 2.05 -0.06	44.02 2.24 0.00
ASTORIA___5 23518	35.20 1.84 0.00	30.00 1.44 0.00	28.24 1.26 0.00	27.30 1.15 0.00	29.76 1.22 0.00	28.93 1.27 0.00	45.36 2.17 0.00	37.49 2.14 0.00	41.76 2.37 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.13 2.48 0.00	43.38 2.78 0.00	43.73 2.90 0.00	43.47 2.84 0.00	52.90 3.34 0.00	51.14 3.29 0.00	48.61 2.82 0.00	45.61 2.51 0.00	40.80 2.26 0.00	36.56 2.05 -0.09	38.27 2.05 -0.06	44.02 2.24 0.00
AST_ENERGY_2_CC3 323677	35.09 1.73 0.00	29.90 1.34 0.00	28.15 1.18 0.00	27.24 1.10 0.00	29.68 1.13 0.00	28.82 1.17 0.00	45.17 1.99 0.00	37.31 1.96 0.00	41.58 2.19 0.00	42.25 2.13 0.00	39.01 2.10 0.00	37.70 2.13 0.00	41.94 2.28 0.00	43.18 2.58 0.00	43.52 2.70 0.00	43.33 2.70 0.00	52.82 3.26 0.00	51.07 3.21 0.00	48.56 2.78 0.00	45.53 2.42 0.00	40.70 2.17 0.00	36.46 1.94 -0.09	38.24 2.02 -0.06	43.98 2.19 0.00
AST_ENERGY_2_CC4 323678	35.09 1.73 0.00	29.90 1.34 0.00	28.15 1.18 0.00	27.24 1.10 0.00	29.68 1.13 0.00	28.82 1.17 0.00	45.17 1.99 0.00	37.31 1.96 0.00	41.58 2.19 0.00	42.25 2.13 0.00	39.01 2.10 0.00	37.70 2.13 0.00	41.94 2.28 0.00	43.18 2.58 0.00	43.52 2.70 0.00	43.33 2.70 0.00	52.82 3.26 0.00	51.07 3.21 0.00	48.56 2.78 0.00	45.53 2.42 0.00	40.70 2.17 0.00	36.46 1.94 -0.09	38.24 2.02 -0.06	43.98 2.19 0.00

ATHENS_STG_1 23668	34.09 0.72 0.00	29.13 0.57 0.00	27.53 0.56 0.00	26.69 0.54 0.00	29.12 0.57 0.00	28.14 0.48 0.00	44.01 0.83 0.00	36.21 0.86 0.00	40.31 0.92 0.00	41.02 0.90 0.00	37.76 0.85 0.00	36.41 0.84 0.00	40.53 0.87 0.00	41.64 1.04 0.00	41.94 1.12 0.00	41.76 1.13 0.00	50.79 1.23 0.00	49.15 1.30 0.00	46.98 1.20 0.00	44.12 1.02 0.00	39.46 0.92 0.00	35.23 0.77 -0.03	36.94 0.74 -0.02	42.54 0.75 0.00
ATHENS_STG_2 23670	34.09 0.72 0.00	29.13 0.57 0.00	27.53 0.56 0.00	26.69 0.54 0.00	29.12 0.57 0.00	28.14 0.48 0.00	44.01 0.83 0.00	36.21 0.86 0.00	40.31 0.92 0.00	41.02 0.90 0.00	37.76 0.85 0.00	36.41 0.84 0.00	40.53 0.87 0.00	41.64 1.04 0.00	41.94 1.12 0.00	41.76 1.13 0.00	50.79 1.23 0.00	49.15 1.30 0.00	46.98 1.20 0.00	44.12 1.02 0.00	39.46 0.92 0.00	35.23 0.77 -0.03	36.94 0.74 -0.02	42.54 0.75 0.00
ATHENS_STG_3 23677	34.09 0.72 0.00	29.13 0.57 0.00	27.53 0.56 0.00	26.69 0.54 0.00	29.12 0.57 0.00	28.14 0.48 0.00	44.01 0.83 0.00	36.21 0.86 0.00	40.31 0.92 0.00	41.02 0.90 0.00	37.76 0.85 0.00	36.41 0.84 0.00	40.53 0.87 0.00	41.64 1.04 0.00	41.94 1.12 0.00	41.76 1.13 0.00	50.79 1.23 0.00	49.15 1.30 0.00	46.98 1.20 0.00	44.12 1.02 0.00	39.46 0.92 0.00	35.23 0.77 -0.03	36.94 0.74 -0.02	42.54 0.75 0.00
AUBURN___LFGE 323710	33.29 -0.07 0.00	28.41 -0.15 0.00	26.81 -0.16 0.00	26.01 -0.14 0.00	28.43 -0.12 0.00	27.65 -0.01 0.00	43.35 0.16 0.00	35.41 0.06 0.00	39.21 -0.18 0.00	39.89 -0.23 0.00	36.75 -0.15 0.00	35.38 -0.20 0.00	39.46 -0.20 0.00	40.73 0.12 0.00	41.15 0.33 0.00	40.83 0.20 0.00	50.21 0.65 0.00	48.75 0.82 -0.07	46.36 0.58 0.00	43.61 0.51 0.00	38.93 0.39 0.00	34.65 0.22 0.00	36.40 0.23 0.00	42.08 0.30 0.00
BABYLON_RES_REC 323704	35.22 1.85 0.00	30.18 1.62 0.00	28.36 1.39 0.00	27.36 1.22 0.01	29.86 1.32 0.00	29.06 1.40 0.00	45.96 2.27 -0.51	44.19 2.43 -6.40	42.01 2.61 0.00	42.50 2.38 0.00	38.78 1.87 0.00	37.55 1.98 0.00	41.60 1.94 0.00	43.06 2.46 0.00	43.22 2.39 0.00	42.83 2.20 0.00	51.96 2.40 0.00	50.20 2.35 0.00	47.73 1.94 0.00	45.21 2.10 0.00	40.44 1.91 0.00	36.57 2.06 -0.09	38.11 1.88 -0.06	43.70 1.91 0.00
BABYLON__69_KV_BK2 356345	35.31 1.95 0.00	30.33 1.77 0.00	28.50 1.53 0.00	27.50 1.38 0.02	30.00 1.45 0.00	29.21 1.55 0.00	46.19 2.50 -0.51	44.40 2.64 -6.40	42.25 2.86 0.00	42.79 2.67 0.00	38.99 2.09 0.00	37.81 2.24 0.00	42.09 2.43 0.00	43.50 2.90 0.00	43.67 2.85 0.00	43.52 2.89 0.00	52.77 3.21 0.00	51.15 3.30 0.00	48.57 2.78 0.00	46.04 2.94 0.00	41.10 2.57 0.00	36.91 2.40 -0.09	38.41 2.19 -0.06	44.00 2.21 0.00
BALL_HILL_WT_PWR 323825	33.44 0.07 0.00	28.42 -0.14 0.00	26.81 -0.16 0.00	25.98 -0.16 0.00	28.41 -0.14 0.00	27.78 0.13 0.00	43.25 0.07 0.00	35.17 -0.18 0.00	38.56 -0.84 0.00	39.57 -0.55 0.00	36.57 -0.34 0.00	35.28 -0.30 0.00	39.40 -0.26 0.00	41.23 0.63 0.00	41.77 0.95 0.00	41.56 0.93 0.00	51.11 1.55 0.00	49.33 1.47 0.00	46.15 0.37 0.00	43.22 0.11 0.00	38.76 0.23 0.00	34.31 -0.12 0.00	36.56 0.39 0.00	42.34 0.56 0.00
BARON_WINDS___WT_PWR 323822	33.20 -0.17 0.00	28.25 -0.31 0.00	26.67 -0.30 0.00	25.88 -0.26 0.00	28.35 -0.20 0.00	27.71 0.05 0.00	43.32 0.14 0.00	35.36 0.01 0.00	38.93 -0.46 0.00	39.78 -0.34 0.00	36.63 -0.28 0.00	35.33 -0.25 0.00	39.40 -0.26 0.00	41.08 0.47 0.00	41.54 0.71 0.00	41.31 0.68 0.00	50.72 1.16 0.00	49.17 1.29 -0.02	46.35 0.56 0.00	43.37 0.26 0.00	38.77 0.23 0.00	34.32 -0.10 0.00	36.29 0.12 0.00	41.90 0.12 0.00
BARRETT_IC_1 23704	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT_IC_10 23701	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT_IC_11 23702	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT_IC_12 23703	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT_IC_2 23705	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT_IC_3 23706	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT_IC_4 23707	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00

BARRETT_IC_5 23708	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT_IC_6 23709	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT_IC_7 23710	35.23 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.97 2.28 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.27 2.15 0.00	38.85 1.94 0.00	37.59 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.16 2.34 0.00	43.00 2.36 0.00	52.25 2.69 0.00	50.66 2.81 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT_IC_8 23711	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT_IC_9 23700	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT___1 23545	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BARRETT___2 23546	35.22 1.86 0.00	30.10 1.54 0.00	28.35 1.37 0.00	27.37 1.22 0.00	29.86 1.31 0.00	29.03 1.37 0.00	45.96 2.27 -0.51	44.08 2.33 -6.40	41.81 2.42 0.00	42.26 2.15 0.00	38.85 1.94 0.00	37.60 2.02 0.00	41.76 2.10 0.00	42.97 2.37 0.00	43.15 2.33 0.00	43.00 2.37 0.00	52.24 2.68 0.00	50.65 2.80 0.00	48.12 2.34 0.00	45.29 2.19 0.00	40.47 1.94 0.00	36.36 1.84 -0.09	38.03 1.80 -0.06	43.68 1.90 0.00
BATAVIA__115KV_TB1 55881	33.68 0.32 0.00	28.65 0.09 0.00	26.99 0.01 0.00	26.19 0.04 0.00	28.61 0.06 0.00	28.00 0.35 0.00	43.41 0.23 0.00	35.29 -0.06 0.00	38.59 -0.80 0.00	39.41 -0.71 0.00	36.18 -0.72 0.00	34.86 -0.72 0.00	38.92 -0.73 0.00	40.72 0.12 0.00	41.23 0.40 0.00	41.16 0.53 0.00	50.62 1.06 0.00	49.19 1.33 0.00	46.25 0.46 0.00	43.62 0.52 0.00	39.11 0.58 0.00	34.67 0.24 0.00	36.96 0.79 0.00	42.92 1.14 0.00
BAYONEEC___CTG1 323682	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.72 1.16 0.00	28.86 1.21 0.00	45.24 2.06 0.00	37.38 2.03 0.00	41.64 2.25 0.00	42.29 2.17 0.00	39.06 2.15 0.00	37.76 2.19 0.00	41.99 2.33 0.00	43.23 2.63 0.00	43.58 2.76 0.00	43.38 2.75 0.00	52.89 3.33 0.00	51.14 3.28 0.00	48.64 2.86 0.00	45.59 2.49 0.00	40.74 2.20 0.00	36.50 1.98 -0.09	38.22 1.99 -0.06	43.94 2.16 0.00
BAYONEEC___CTG10 323750	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.72 1.16 0.00	28.86 1.21 0.00	45.24 2.06 0.00	37.38 2.03 0.00	41.64 2.25 0.00	42.29 2.17 0.00	39.06 2.15 0.00	37.76 2.19 0.00	41.99 2.33 0.00	43.23 2.63 0.00	43.58 2.76 0.00	43.38 2.75 0.00	52.89 3.33 0.00	51.14 3.28 0.00	48.64 2.86 0.00	45.59 2.49 0.00	40.74 2.20 0.00	36.50 1.98 -0.09	38.22 1.99 -0.06	43.94 2.16 0.00
BAYONEEC___CTG2 323683	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.72 1.16 0.00	28.86 1.21 0.00	45.24 2.06 0.00	37.38 2.03 0.00	41.64 2.25 0.00	42.29 2.17 0.00	39.06 2.15 0.00	37.76 2.19 0.00	41.99 2.33 0.00	43.23 2.63 0.00	43.58 2.76 0.00	43.38 2.75 0.00	52.89 3.33 0.00	51.14 3.28 0.00	48.64 2.86 0.00	45.59 2.49 0.00	40.74 2.20 0.00	36.50 1.98 -0.09	38.22 1.99 -0.06	43.94 2.16 0.00
BAYONEEC___CTG3 323684	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.72 1.16 0.00	28.86 1.21 0.00	45.24 2.06 0.00	37.38 2.03 0.00	41.64 2.25 0.00	42.29 2.17 0.00	39.06 2.15 0.00	37.76 2.19 0.00	41.99 2.33 0.00	43.23 2.63 0.00	43.58 2.76 0.00	43.38 2.75 0.00	52.89 3.33 0.00	51.14 3.28 0.00	48.64 2.86 0.00	45.59 2.49 0.00	40.74 2.20 0.00	36.50 1.98 -0.09	38.22 1.99 -0.06	43.94 2.16 0.00
BAYONEEC___CTG4 323685	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.72 1.16 0.00	28.86 1.21 0.00	45.24 2.06 0.00	37.38 2.03 0.00	41.64 2.25 0.00	42.29 2.17 0.00	39.06 2.15 0.00	37.76 2.19 0.00	41.99 2.33 0.00	43.23 2.63 0.00	43.58 2.76 0.00	43.38 2.75 0.00	52.89 3.33 0.00	51.14 3.28 0.00	48.64 2.86 0.00	45.59 2.49 0.00	40.74 2.20 0.00	36.50 1.98 -0.09	38.22 1.99 -0.06	43.94 2.16 0.00
BAYONEEC___CTG5 323686	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.72 1.16 0.00	28.86 1.21 0.00	45.24 2.06 0.00	37.38 2.03 0.00	41.64 2.25 0.00	42.29 2.17 0.00	39.06 2.15 0.00	37.76 2.19 0.00	41.99 2.33 0.00	43.23 2.63 0.00	43.58 2.76 0.00	43.38 2.75 0.00	52.89 3.33 0.00	51.14 3.28 0.00	48.64 2.86 0.00	45.59 2.49 0.00	40.74 2.20 0.00	36.50 1.98 -0.09	38.22 1.99 -0.06	43.94 2.16 0.00
BAYONEEC___CTG6 323687	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.72 1.16 0.00	28.86 1.21 0.00	45.24 2.06 0.00	37.38 2.03 0.00	41.64 2.25 0.00	42.29 2.17 0.00	39.06 2.15 0.00	37.76 2.19 0.00	41.99 2.33 0.00	43.23 2.63 0.00	43.58 2.76 0.00	43.38 2.75 0.00	52.89 3.33 0.00	51.14 3.28 0.00	48.64 2.86 0.00	45.59 2.49 0.00	40.74 2.20 0.00	36.50 1.98 -0.09	38.22 1.99 -0.06	43.94 2.16 0.00

BAYONEEC___CTG7 323688	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.72 1.16 0.00	28.86 1.21 0.00	45.24 2.06 0.00	37.38 2.03 0.00	41.64 2.25 0.00	42.29 2.17 0.00	39.06 2.15 0.00	37.76 2.19 0.00	41.99 2.33 0.00	43.23 2.63 0.00	43.58 2.76 0.00	43.38 2.75 0.00	52.89 3.33 0.00	51.14 3.28 0.00	48.64 2.86 0.00	45.59 2.49 0.00	40.74 2.20 0.00	36.50 1.98 -0.09	38.22 1.99 -0.06	43.94 2.16 0.00
BAYONEEC___CTG8 323689	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.72 1.16 0.00	28.86 1.21 0.00	45.24 2.06 0.00	37.38 2.03 0.00	41.64 2.25 0.00	42.29 2.17 0.00	39.06 2.15 0.00	37.76 2.19 0.00	41.99 2.33 0.00	43.23 2.63 0.00	43.58 2.76 0.00	43.38 2.75 0.00	52.89 3.33 0.00	51.14 3.28 0.00	48.64 2.86 0.00	45.59 2.49 0.00	40.74 2.20 0.00	36.50 1.98 -0.09	38.22 1.99 -0.06	43.94 2.16 0.00
BAYONEEC___CTG9 323749	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.72 1.16 0.00	28.86 1.21 0.00	45.24 2.06 0.00	37.38 2.03 0.00	41.64 2.25 0.00	42.29 2.17 0.00	39.06 2.15 0.00	37.76 2.19 0.00	41.99 2.33 0.00	43.23 2.63 0.00	43.58 2.76 0.00	43.38 2.75 0.00	52.89 3.33 0.00	51.14 3.28 0.00	48.64 2.86 0.00	45.59 2.49 0.00	40.74 2.20 0.00	36.50 1.98 -0.09	38.22 1.99 -0.06	43.94 2.16 0.00
BEACON___LESR 323632	34.16 0.80 0.00	29.17 0.61 0.00	27.58 0.60 0.00	26.59 0.45 0.00	29.15 0.60 0.00	28.20 0.55 0.00	44.19 1.01 0.00	36.29 0.94 0.00	40.38 0.98 0.00	41.23 1.11 0.00	37.84 0.93 0.00	36.32 0.74 0.00	40.48 0.82 0.00	41.59 0.99 0.00	41.86 1.04 0.00	41.74 1.11 0.00	50.85 1.29 0.00	49.52 1.67 0.00	47.28 1.50 0.00	44.37 1.27 0.00	39.72 1.19 0.00	35.20 0.86 0.08	36.92 0.82 0.06	42.58 0.79 0.00
BEAVER RIVER___HYD 24048	34.56 1.19 0.00	29.47 0.91 0.00	27.82 0.85 0.00	26.97 0.82 0.00	29.46 0.91 0.00	28.63 0.98 0.00	44.95 1.77 0.00	36.60 1.25 0.00	40.38 0.99 0.00	40.78 0.67 0.00	37.29 0.39 0.00	35.84 0.26 0.00	40.01 0.35 0.00	41.03 0.42 0.00	41.31 0.49 0.00	41.24 0.60 0.00	50.73 1.17 0.00	49.57 1.68 -0.04	47.97 2.18 0.00	45.32 2.22 0.00	40.12 1.59 0.00	35.43 1.00 0.00	37.36 1.20 0.00	42.86 1.08 0.00
BEEBEE_GT_13 23619	33.05 -0.31 0.00	28.15 -0.40 0.00	26.55 -0.42 0.00	25.75 -0.39 0.00	28.12 -0.42 0.00	27.44 -0.21 0.00	42.63 -0.56 0.00	34.70 -0.65 0.00	38.22 -1.18 0.00	39.09 -1.03 0.00	36.04 -0.86 0.00	34.77 -0.81 0.00	38.89 -0.76 0.00	40.39 -0.22 0.00	40.84 0.02 0.00	40.78 0.15 0.00	50.06 0.50 0.00	48.45 0.59 0.00	45.79 0.00 0.00	43.10 -0.01 0.00	38.57 0.04 0.00	34.22 -0.20 0.00	36.28 0.11 0.00	42.04 0.25 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.55 2.19 0.00	30.29 1.73 0.00	28.50 1.53 0.00	27.55 1.41 0.00	30.03 1.48 0.00	29.19 1.53 0.00	45.76 2.58 0.00	37.85 2.49 0.00	42.13 2.73 0.00	42.81 2.69 0.00	39.62 2.71 0.00	38.29 2.72 0.00	42.60 2.94 0.00	43.93 3.33 0.00	44.31 3.49 0.00	44.04 3.40 0.00	53.61 4.05 0.00	51.79 3.93 0.00	49.23 3.45 0.00	46.18 3.07 0.00	41.32 2.79 0.00	37.05 2.53 -0.09	38.73 2.51 -0.06	44.50 2.72 0.00
BETHLEHEM___GRP 23843	33.64 0.28 0.00	28.80 0.24 0.00	27.20 0.23 0.00	26.34 0.19 0.00	28.77 0.23 0.00	27.83 0.17 0.00	43.46 0.27 0.00	35.72 0.36 0.00	39.78 0.38 0.00	40.54 0.42 0.00	37.26 0.35 0.00	35.87 0.29 0.00	39.87 0.21 0.00	40.93 0.33 0.00	41.24 0.42 0.00	41.09 0.46 0.00	50.05 0.49 0.00	48.51 0.66 0.00	46.43 0.65 0.00	43.62 0.52 0.00	38.97 0.43 0.00	34.64 0.29 0.08	36.35 0.23 0.05	41.91 0.13 0.00
BETHLEHEM___GS1 323560	33.64 0.28 0.00	28.80 0.24 0.00	27.20 0.22 0.00	26.34 0.19 0.00	28.77 0.22 0.00	27.83 0.17 0.00	43.45 0.27 0.00	35.71 0.36 0.00	39.78 0.38 0.00	40.54 0.42 0.00	37.26 0.35 0.00	35.87 0.29 0.00	39.87 0.21 0.00	40.93 0.33 0.00	41.24 0.42 0.00	41.10 0.46 0.00	50.05 0.49 0.00	48.51 0.65 0.00	46.43 0.64 0.00	43.62 0.52 0.00	38.97 0.43 0.00	34.64 0.29 0.08	36.35 0.24 0.05	41.92 0.13 0.00
BETHLEHEM___GS2 323561	33.64 0.28 0.00	28.80 0.24 0.00	27.20 0.22 0.00	26.34 0.19 0.00	28.77 0.22 0.00	27.83 0.17 0.00	43.45 0.27 0.00	35.71 0.36 0.00	39.78 0.38 0.00	40.54 0.42 0.00	37.26 0.35 0.00	35.87 0.29 0.00	39.87 0.21 0.00	40.93 0.33 0.00	41.24 0.42 0.00	41.10 0.46 0.00	50.05 0.49 0.00	48.51 0.65 0.00	46.43 0.64 0.00	43.62 0.52 0.00	38.97 0.43 0.00	34.64 0.29 0.08	36.35 0.24 0.05	41.92 0.13 0.00
BETHLEHEM___GS3 323562	33.64 0.28 0.00	28.80 0.24 0.00	27.20 0.22 0.00	26.34 0.19 0.00	28.77 0.22 0.00	27.83 0.17 0.00	43.45 0.27 0.00	35.71 0.36 0.00	39.78 0.38 0.00	40.54 0.42 0.00	37.26 0.35 0.00	35.87 0.29 0.00	39.87 0.21 0.00	40.93 0.33 0.00	41.24 0.42 0.00	41.10 0.46 0.00	50.05 0.49 0.00	48.51 0.65 0.00	46.43 0.64 0.00	43.62 0.52 0.00	38.97 0.43 0.00	34.64 0.29 0.08	36.35 0.24 0.05	41.92 0.13 0.00
BETHLEHEM___STEEL 23779	33.50 0.13 0.00	28.49 -0.07 0.00	26.86 -0.11 0.00	26.05 -0.09 0.00	28.47 -0.08 0.00	27.85 0.19 0.00	43.17 -0.02 0.00	35.05 -0.30 0.00	38.43 -0.97 0.00	39.48 -0.64 0.00	36.43 -0.48 0.00	35.12 -0.46 0.00	39.17 -0.49 0.00	40.98 0.37 0.00	41.54 0.72 0.00	41.35 0.71 0.00	50.79 1.23 0.00	48.98 1.12 0.00	45.79 0.00 0.00	42.91 -0.20 0.00	38.52 -0.02 0.00	34.13 -0.29 0.00	36.49 0.32 0.00	42.33 0.55 0.00
BETHLHEM_115KV_TB1 79974	33.73 0.36 0.00	28.86 0.30 0.00	27.26 0.29 0.00	26.40 0.25 0.00	28.84 0.28 0.00	27.89 0.23 0.00	43.56 0.38 0.00	35.80 0.45 0.00	39.86 0.46 0.00	40.62 0.50 0.00	37.33 0.42 0.00	35.95 0.37 0.00	39.96 0.30 0.00	41.03 0.42 0.00	41.34 0.52 0.00	41.20 0.56 0.00	50.16 0.60 0.00	48.61 0.76 0.00	46.53 0.75 0.00	43.72 0.61 0.00	39.05 0.52 0.00	34.73 0.37 0.07	36.43 0.32 0.05	42.02 0.24 0.00
BETHPAGE_CC_5 323564	35.21 1.84 0.00	30.13 1.57 0.00	28.34 1.36 0.00	27.34 1.19 0.00	29.85 1.30 0.00	29.01 1.35 0.00	45.90 2.21 -0.51	44.08 2.32 -6.40	41.90 2.51 0.00	42.42 2.30 0.00	38.81 1.91 0.00	37.59 2.01 0.00	41.81 2.15 0.00	43.12 2.51 0.00	43.32 2.50 0.00	43.16 2.52 0.00	52.40 2.84 0.00	50.80 2.94 0.00	48.24 2.46 0.00	45.47 2.36 0.00	40.60 2.07 0.00	36.47 1.96 -0.09	38.04 1.81 -0.06	43.65 1.86 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.70 0.34 0.00	28.65 0.09 0.00	27.01 0.04 0.00	26.20 0.06 0.00	28.63 0.08 0.00	28.00 0.35 0.00	43.43 0.25 0.00	35.27 -0.08 0.00	38.70 -0.70 0.00	39.76 -0.36 0.00	36.69 -0.22 0.00	35.37 -0.20 0.00	39.43 -0.23 0.00	41.25 0.65 0.00	41.82 1.00 0.00	41.64 1.01 0.00	51.15 1.59 0.00	49.50 1.64 -0.01	46.12 0.33 0.00	43.14 0.03 0.00	38.71 0.17 0.00	34.30 -0.13 0.00	36.64 0.48 0.00	42.49 0.70 0.00

BINGHAMTON___COGEN 23790	33.55 0.19 0.00	28.58 0.02 0.00	27.03 0.06 0.00	26.22 0.08 0.00	28.64 0.09 0.00	27.78 0.13 0.00	43.50 0.32 0.00	35.61 0.26 0.00	39.46 0.06 0.00	40.18 0.07 0.00	36.98 0.07 0.00	35.67 0.10 0.00	39.82 0.16 0.00	41.19 0.59 0.00	41.55 0.73 0.00	41.37 0.73 0.00	50.59 1.03 0.00	49.05 1.17 -0.03	46.65 0.86 0.00	43.71 0.60 0.00	39.06 0.53 0.00	34.67 0.25 0.00	36.44 0.28 0.00	42.18 0.39 0.00
BIXINCNT_115KV_LOAD 355685	34.20 0.83 0.00	28.99 0.43 0.00	27.34 0.37 0.00	26.50 0.36 0.00	28.94 0.39 0.00	28.33 0.67 0.00	44.13 0.95 0.00	36.04 0.69 0.00	39.61 0.21 0.00	40.68 0.56 0.00	37.54 0.64 0.00	36.15 0.58 0.00	40.21 0.55 0.00	42.05 1.45 0.00	42.59 1.77 0.00	42.37 1.74 0.00	52.10 2.54 0.00	50.35 2.48 0.00	46.97 1.18 0.00	43.86 0.75 0.00	39.19 0.65 0.00	34.71 0.28 0.00	36.95 0.79 0.00	42.65 0.86 0.00
BLACK RIVER___HYD 24047	34.86 1.50 0.00	29.68 1.12 0.00	28.01 1.04 0.00	27.15 1.01 0.00	29.68 1.13 0.00	28.86 1.20 0.00	45.33 2.15 0.00	36.90 1.55 0.00	40.57 1.18 0.00	40.86 0.74 0.00	37.37 0.46 0.00	35.89 0.31 0.00	40.12 0.46 0.00	41.22 0.61 0.00	41.52 0.70 0.00	41.52 0.88 0.00	51.20 1.64 0.00	50.23 2.31 -0.07	48.73 2.95 0.00	46.07 2.97 0.00	40.65 2.11 0.00	35.80 1.38 0.00	37.75 1.59 0.00	43.29 1.51 0.00
BLACKRVR_115KV_TB2 79977	34.87 1.50 0.00	29.68 1.12 0.00	28.01 1.04 0.00	27.15 1.01 0.00	29.68 1.13 0.00	28.86 1.20 0.00	45.33 2.15 0.00	36.90 1.54 0.00	40.57 1.18 0.00	40.86 0.74 0.00	37.37 0.46 0.00	35.89 0.31 0.00	40.12 0.46 0.00	41.22 0.61 0.00	41.52 0.70 0.00	41.52 0.88 0.00	51.20 1.64 0.00	50.23 2.31 -0.07	48.73 2.95 0.00	46.07 2.97 0.00	40.65 2.12 0.00	35.80 1.38 0.00	37.75 1.59 0.00	43.30 1.51 0.00
BLISS_WT_PWR 323608	34.21 0.84 0.00	28.99 0.43 0.00	27.32 0.34 0.00	26.49 0.34 0.00	28.91 0.36 0.00	28.31 0.65 0.00	44.13 0.95 0.00	36.05 0.70 0.00	39.62 0.23 0.00	40.71 0.59 0.00	37.59 0.68 0.00	36.18 0.61 0.00	40.27 0.61 0.00	42.09 1.49 0.00	42.65 1.83 0.00	42.42 1.79 0.00	52.15 2.58 0.00	50.40 2.54 0.00	47.01 1.22 0.00	43.89 0.78 0.00	39.18 0.65 0.00	34.71 0.28 0.00	36.95 0.78 0.00	42.59 0.80 0.00
BLUESTONE___WT_PWR 323821	34.97 1.60 0.00	29.72 1.16 0.00	28.16 1.18 0.00	27.30 1.16 0.00	29.81 1.26 0.00	29.01 1.35 0.00	45.59 2.40 0.00	37.31 1.96 0.00	41.05 1.66 0.00	41.59 1.47 0.00	38.22 1.31 0.00	36.95 1.38 0.00	41.31 1.66 0.00	42.75 2.14 0.00	43.07 2.25 0.00	43.01 2.38 0.00	52.69 3.13 0.00	51.36 3.48 -0.03	49.19 3.40 0.00	46.11 3.00 0.00	40.38 1.85 0.00	35.34 0.92 0.00	36.79 0.62 0.00	42.64 0.85 0.00
BLUE_CIRC_CHEM_DRP 24182	34.16 0.79 0.00	29.23 0.67 0.00	27.63 0.65 0.00	26.77 0.63 0.00	29.26 0.71 0.00	28.29 0.64 0.00	44.15 0.97 0.00	36.22 0.87 0.00	40.29 0.90 0.00	41.06 0.94 0.00	37.68 0.77 0.00	36.16 0.58 0.00	40.11 0.45 0.00	41.23 0.62 0.00	41.52 0.70 0.00	41.39 0.76 0.00	50.38 0.82 0.00	48.98 1.12 0.00	46.98 1.19 0.00	44.19 1.08 0.00	39.50 0.97 0.00	35.15 0.78 0.05	36.89 0.77 0.04	42.56 0.77 0.00
BOC_GAS_DRP 24189	33.90 0.53 0.00	29.00 0.45 0.00	27.40 0.42 0.00	26.54 0.40 0.00	28.98 0.43 0.00	28.03 0.37 0.00	43.78 0.60 0.00	35.96 0.61 0.00	40.05 0.65 0.00	40.78 0.67 0.00	37.51 0.60 0.00	36.13 0.56 0.00	40.19 0.53 0.00	41.26 0.65 0.00	41.55 0.73 0.00	41.39 0.75 0.00	50.37 0.82 0.00	48.79 0.93 0.00	46.66 0.88 0.00	43.86 0.75 0.00	39.20 0.67 0.00	34.90 0.53 0.05	36.64 0.51 0.04	42.27 0.48 0.00
BOONVILLE_115KV_TB1 79983	34.41 1.04 0.00	29.37 0.82 0.00	27.73 0.75 0.00	26.88 0.74 0.00	29.35 0.80 0.00	28.49 0.83 0.00	44.70 1.52 0.00	36.49 1.14 0.00	40.39 1.00 0.00	40.94 0.82 0.00	37.54 0.63 0.00	36.16 0.58 0.00	40.33 0.67 0.00	41.41 0.80 0.00	41.70 0.88 0.00	41.58 0.95 0.00	50.99 1.43 0.00	49.66 1.78 -0.02	47.76 1.98 0.00	44.99 1.88 0.00	39.97 1.44 0.00	35.42 0.99 0.00	37.20 1.04 0.00	42.80 1.01 0.00
BORALEX_4TH_BRANCH 23824	34.88 1.52 0.00	29.99 1.43 0.00	28.35 1.38 0.00	27.45 1.31 0.00	30.03 1.48 0.00	28.94 1.29 0.00	44.95 1.76 0.00	36.93 1.58 0.00	41.11 1.71 0.00	41.95 1.83 0.00	38.53 1.62 0.00	37.07 1.50 0.00	41.07 1.41 0.00	42.03 1.43 0.00	42.35 1.53 0.00	42.20 1.57 0.00	51.13 1.57 0.00	49.44 1.59 0.00	47.40 1.62 0.00	44.59 1.49 0.00	40.03 1.50 0.00	35.44 1.20 0.18	37.30 1.26 0.13	43.09 1.30 0.00
BOWLINE___1 23526	34.55 1.18 0.00	29.47 0.91 0.00	27.76 0.79 0.00	26.85 0.71 0.00	29.29 0.74 0.00	28.41 0.76 0.00	44.55 1.36 0.00	36.73 1.37 0.00	40.89 1.50 0.00	41.55 1.44 0.00	38.32 1.42 0.00	37.03 1.45 0.00	41.30 1.64 0.00	42.51 1.91 0.00	42.88 2.06 0.00	42.70 2.07 0.00	52.12 2.56 0.00	50.46 2.60 0.00	48.05 2.27 0.00	45.03 1.93 0.00	40.13 1.60 0.00	35.87 1.36 -0.08	37.52 1.30 -0.06	43.16 1.37 0.00
BOWLINE___2 23595	34.55 1.18 0.00	29.47 0.91 0.00	27.76 0.79 0.00	26.85 0.71 0.00	29.29 0.74 0.00	28.41 0.76 0.00	44.55 1.37 0.00	36.73 1.37 0.00	40.89 1.50 0.00	41.55 1.44 0.00	38.32 1.42 0.00	37.03 1.45 0.00	41.30 1.64 0.00	42.51 1.91 0.00	42.88 2.06 0.00	42.70 2.07 0.00	52.12 2.56 0.00	50.45 2.59 0.00	48.05 2.27 0.00	45.03 1.93 0.00	40.13 1.60 0.00	35.87 1.36 -0.08	37.52 1.30 -0.06	43.16 1.37 0.00
BRADY___115KV_TB2 356060	33.92 0.56 0.00	29.11 0.55 0.00	27.47 0.49 0.00	26.62 0.48 0.00	29.08 0.53 0.00	28.21 0.55 0.00	44.09 0.91 0.00	36.03 0.68 0.00	40.12 0.73 0.00	40.58 0.47 0.00	37.09 0.18 0.00	35.72 0.14 0.00	39.81 0.15 0.00	40.54 -0.07 0.00	40.65 -0.17 0.00	40.29 -0.34 0.00	49.26 -0.31 0.00	47.63 -0.22 0.00	46.11 0.32 0.00	43.74 0.63 0.00	39.15 0.62 0.00	35.09 0.66 0.00	36.94 0.78 0.00	42.67 0.89 0.00
BRANSCOMB___SOLAR 323811	35.03 1.67 0.00	29.96 1.40 0.00	28.32 1.35 0.00	27.43 1.29 0.00	29.98 1.43 0.00	29.02 1.37 0.00	45.32 2.14 0.00	37.27 1.92 0.00	41.52 2.13 0.00	42.28 2.16 0.00	38.73 1.83 0.00	37.08 1.50 0.00	41.15 1.49 0.00	42.30 1.69 0.00	42.68 1.86 0.00	42.58 1.95 0.00	51.95 2.39 0.00	50.55 2.69 0.00	48.55 2.77 0.00	45.68 2.57 0.00	40.83 2.29 0.00	36.20 1.87 0.10	38.00 1.91 0.07	43.79 2.01 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.00 1.63 0.00	30.10 1.55 0.00	28.28 1.30 0.00	27.32 1.19 0.01	29.79 1.24 0.00	28.99 1.33 0.00	45.81 2.12 -0.51	44.12 2.36 -6.40	41.92 2.53 0.00	42.41 2.29 0.00	38.61 1.70 0.00	37.45 1.88 0.00	41.72 2.06 0.00	43.05 2.44 0.00	43.16 2.34 0.00	43.06 2.43 0.00	52.06 2.50 0.00	50.44 2.59 0.00	47.89 2.10 0.00	45.57 2.47 0.00	40.71 2.18 0.00	36.53 2.02 -0.09	38.02 1.80 -0.06	43.58 1.80 0.00

BRISTLHL_115KV_TB1 79998	32.79 -0.58 0.00	28.01 -0.55 0.00	26.44 -0.53 0.00	25.63 -0.51 0.00	28.01 -0.53 0.00	27.18 -0.47 0.00	42.42 -0.76 0.00	34.64 -0.71 0.00	38.42 -0.97 0.00	39.07 -1.05 0.00	35.95 -0.95 0.00	34.64 -0.93 0.00	38.68 -0.98 0.00	39.82 -0.78 0.00	40.14 -0.69 0.00	40.04 -0.59 0.00	48.91 -0.65 0.00	47.54 -0.46 -0.15	45.39 -0.39 0.00	42.61 -0.49 0.00	38.04 -0.49 0.00	33.86 -0.56 0.00	35.59 -0.58 0.00	41.22 -0.56 0.00
BROOKHAVEN___DRP 24191	33.68 0.31 0.00	29.27 0.71 0.00	27.52 0.54 0.00	26.47 0.47 0.15	28.91 0.39 0.03	28.22 0.57 0.00	44.56 0.87 -0.51	43.18 1.43 -6.40	40.96 1.56 0.00	41.42 1.30 0.00	37.61 0.71 0.00	36.61 1.03 0.00	40.87 1.21 0.00	42.25 1.65 0.00	42.30 1.48 0.00	42.23 1.59 0.00	51.02 1.45 0.00	49.70 1.84 0.00	47.22 1.44 0.00	44.90 1.80 0.00	40.04 1.51 0.00	35.92 1.41 -0.09	37.36 1.13 -0.06	42.82 1.04 0.00
BROOKLYN_NAVY_YARD 23515	35.12 1.76 0.00	29.89 1.33 0.00	28.15 1.18 0.00	27.25 1.11 0.00	29.67 1.13 0.00	28.82 1.17 0.00	45.22 2.04 0.00	37.36 2.00 0.00	41.61 2.22 0.00	42.27 2.15 0.00	39.06 2.15 0.00	37.74 2.17 0.00	41.98 2.32 0.00	43.21 2.61 0.00	43.56 2.74 0.00	43.36 2.73 0.00	52.87 3.31 0.00	51.11 3.25 0.00	48.58 2.80 0.00	45.56 2.46 0.00	40.70 2.17 0.00	36.45 1.94 -0.09	38.20 1.97 -0.06	43.90 2.12 0.00
BROOKLYN___ARMY_DRP 323595	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.04 2.47 0.00	42.31 2.65 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.20 3.63 0.00	51.39 3.54 0.00	48.86 3.08 0.00	45.85 2.74 0.00	41.03 2.49 0.00	36.80 2.28 -0.09	38.48 2.26 -0.06	44.24 2.46 0.00
BROOKVLE_69_KV_TB1 55790	35.57 2.21 0.00	30.39 1.83 0.00	28.58 1.61 0.00	27.58 1.44 0.00	30.11 1.57 0.00	29.28 1.62 0.00	46.37 2.68 -0.51	44.44 2.69 -6.40	42.32 2.93 0.00	42.89 2.78 0.00	39.37 2.46 0.00	38.13 2.55 0.00	42.46 2.80 0.00	43.74 3.14 0.00	43.88 3.06 0.00	43.73 3.10 0.00	53.18 3.61 0.00	51.53 3.67 0.00	48.89 3.11 0.00	46.01 2.91 0.00	41.22 2.68 0.00	36.91 2.39 -0.09	38.53 2.30 -0.06	44.18 2.40 0.00
BROOME_2_LFGE 323671	33.55 0.19 0.00	28.58 0.02 0.00	27.03 0.06 0.00	26.22 0.08 0.00	28.64 0.09 0.00	27.79 0.13 0.00	43.50 0.32 0.00	35.61 0.26 0.00	39.46 0.06 0.00	40.18 0.07 0.00	36.98 0.07 0.00	35.67 0.10 0.00	39.83 0.17 0.00	41.19 0.59 0.00	41.55 0.73 0.00	41.37 0.73 0.00	50.59 1.03 0.00	49.05 1.16 -0.03	46.65 0.86 0.00	43.71 0.60 0.00	39.06 0.53 0.00	34.67 0.24 0.00	36.44 0.28 0.00	42.18 0.39 0.00
BROOME___LFGE 323600	33.55 0.19 0.00	28.58 0.02 0.00	27.03 0.06 0.00	26.22 0.08 0.00	28.64 0.09 0.00	27.79 0.13 0.00	43.50 0.32 0.00	35.61 0.26 0.00	39.46 0.06 0.00	40.18 0.07 0.00	36.98 0.07 0.00	35.67 0.10 0.00	39.83 0.17 0.00	41.19 0.59 0.00	41.55 0.73 0.00	41.37 0.73 0.00	50.59 1.03 0.00	49.05 1.16 -0.03	46.65 0.86 0.00	43.71 0.60 0.00	39.06 0.53 0.00	34.67 0.24 0.00	36.44 0.28 0.00	42.18 0.39 0.00
BROWNFLS_115KV_TB_3_5 80003	34.08 0.72 0.00	29.13 0.57 0.00	27.49 0.53 0.00	26.64 0.50 0.00	29.11 0.56 0.00	28.26 0.60 0.00	44.29 1.11 0.00	36.13 0.78 0.00	40.03 0.64 0.00	40.52 0.39 0.00	37.04 0.13 0.00	35.58 0.00 0.00	39.69 0.04 0.00	40.57 -0.03 0.00	40.78 -0.04 0.00	40.60 -0.03 0.00	49.84 0.28 0.00	48.51 0.62 -0.03	46.90 1.12 0.00	44.35 1.25 0.00	39.45 0.92 0.00	35.13 0.70 0.00	37.06 0.90 0.00	42.64 0.85 0.00
BROWNSV1_27_KV_LOAD 356125	35.51 2.14 0.00	30.25 1.69 0.00	28.47 1.49 0.00	27.53 1.38 0.00	30.00 1.46 0.00	29.15 1.49 0.00	45.71 2.53 0.00	37.79 2.43 0.00	42.11 2.72 0.00	42.80 2.68 0.00	39.52 2.62 0.00	38.20 2.62 0.00	42.50 2.84 0.00	43.79 3.19 0.00	44.14 3.32 0.00	43.96 3.33 0.00	53.60 4.04 0.00	51.82 3.96 0.00	49.24 3.46 0.00	46.17 3.07 0.00	41.23 2.70 0.00	36.92 2.41 -0.09	38.65 2.42 -0.06	44.42 2.64 0.00
BURROWS___LYONSDAL 23803	34.45 1.09 0.00	29.41 0.85 0.00	27.75 0.78 0.00	26.91 0.76 0.00	29.38 0.83 0.00	28.53 0.88 0.00	44.77 1.59 0.00	36.52 1.17 0.00	40.39 0.99 0.00	40.90 0.78 0.00	37.48 0.58 0.00	36.09 0.51 0.00	40.27 0.61 0.00	41.32 0.71 0.00	41.62 0.80 0.00	41.52 0.89 0.00	50.95 1.39 0.00	49.67 1.79 -0.03	47.83 2.05 0.00	45.08 1.97 0.00	40.00 1.46 0.00	35.38 0.95 0.00	37.21 1.04 0.00	42.75 0.97 0.00
CAITHNESS_CC_1 323624	33.73 0.36 0.00	29.31 0.75 0.00	27.55 0.58 0.00	26.51 0.51 0.15	28.95 0.43 0.03	28.26 0.61 0.00	44.60 0.91 -0.51	43.22 1.46 -6.40	41.00 1.60 0.00	41.46 1.34 0.00	37.65 0.75 0.00	36.66 1.08 0.00	40.90 1.24 0.00	42.29 1.68 0.00	42.34 1.52 0.00	42.26 1.62 0.00	51.05 1.49 0.00	49.74 1.88 0.00	47.25 1.46 0.00	44.92 1.82 0.00	40.07 1.54 0.00	35.95 1.44 -0.09	37.39 1.17 -0.06	42.88 1.10 0.00
CALPINE BETH_PAGE_GT4 24209	35.23 1.86 0.00	30.13 1.57 0.00	28.33 1.35 0.00	27.33 1.19 0.00	29.83 1.28 0.00	29.01 1.36 0.00	45.92 2.23 -0.51	44.08 2.33 -6.40	41.91 2.52 0.00	42.44 2.32 0.00	38.85 1.94 0.00	37.62 2.04 0.00	41.85 2.19 0.00	43.15 2.55 0.00	43.36 2.54 0.00	43.22 2.59 0.00	52.47 2.91 0.00	50.88 3.03 0.00	48.33 2.55 0.00	45.55 2.44 0.00	40.65 2.12 0.00	36.49 1.98 -0.09	38.07 1.84 -0.06	43.68 1.89 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.23 1.86 0.00	30.13 1.57 0.00	28.33 1.35 0.00	27.34 1.19 0.00	29.83 1.28 0.00	29.01 1.35 0.00	45.91 2.22 -0.51	44.08 2.33 -6.40	41.91 2.52 0.00	42.44 2.32 0.00	38.85 1.94 0.00	37.62 2.04 0.00	41.85 2.19 0.00	43.15 2.55 0.00	43.36 2.53 0.00	43.22 2.59 0.00	52.47 2.91 0.00	50.89 3.03 0.00	48.33 2.54 0.00	45.55 2.44 0.00	40.66 2.13 0.00	36.49 1.98 -0.09	38.07 1.84 -0.06	43.68 1.89 0.00
CALPINE_BP_GT1 23823	35.23 1.86 0.00	30.13 1.57 0.00	28.33 1.35 0.00	27.34 1.19 0.00	29.83 1.28 0.00	29.01 1.35 0.00	45.91 2.22 -0.51	44.08 2.33 -6.40	41.91 2.52 0.00	42.44 2.32 0.00	38.85 1.94 0.00	37.62 2.04 0.00	41.85 2.19 0.00	43.15 2.55 0.00	43.36 2.53 0.00	43.22 2.59 0.00	52.47 2.91 0.00	50.89 3.03 0.00	48.33 2.54 0.00	45.55 2.44 0.00	40.66 2.13 0.00	36.49 1.98 -0.09	38.07 1.84 -0.06	43.68 1.89 0.00
CALSPAN___DRP 24200	33.50 0.13 0.00	28.49 -0.07 0.00	26.86 -0.11 0.00	26.05 -0.09 0.00	28.47 -0.08 0.00	27.85 0.19 0.00	43.17 -0.02 0.00	35.05 -0.30 0.00	38.43 -0.97 0.00	39.48 -0.64 0.00	36.43 -0.48 0.00	35.12 -0.46 0.00	39.17 -0.49 0.00	40.98 0.37 0.00	41.54 0.72 0.00	41.35 0.71 0.00	50.79 1.23 0.00	48.98 1.12 0.00	45.79 0.00 0.00	42.91 -0.20 0.00	38.52 -0.02 0.00	34.13 -0.29 0.00	36.49 0.32 0.00	42.33 0.55 0.00

CALVERTON___SOLAR 323806	33.65 0.28 0.00	29.24 0.68 0.00	27.49 0.51 0.00	26.44 0.44 0.15	28.88 0.36 0.03	28.21 0.55 0.00	44.52 0.83 -0.51	43.15 1.40 -6.40	40.94 1.54 0.00	41.39 1.27 0.00	37.60 0.69 0.00	36.59 1.02 0.00	40.84 1.18 0.00	42.24 1.63 0.00	42.27 1.45 0.00	42.22 1.58 0.00	51.00 1.44 0.00	49.69 1.83 0.00	47.22 1.44 0.00	44.90 1.80 0.00	40.04 1.51 0.00	35.89 1.38 -0.09	37.32 1.10 -0.06	42.77 0.98 0.00
CANDIGU_WT_PWR 323617	33.20 -0.17 0.00	28.25 -0.31 0.00	26.67 -0.30 0.00	25.88 -0.26 0.00	28.35 -0.20 0.00	27.71 0.05 0.00	43.32 0.14 0.00	35.36 0.01 0.00	38.93 -0.46 0.00	39.78 -0.34 0.00	36.63 -0.28 0.00	35.33 -0.25 0.00	39.40 -0.26 0.00	41.08 0.47 0.00	41.54 0.71 0.00	41.31 0.68 0.00	50.72 1.16 0.00	49.17 1.29 -0.02	46.35 0.56 0.00	43.37 0.26 0.00	38.77 0.23 0.00	34.32 -0.10 0.00	36.29 0.12 0.00	41.90 0.12 0.00
CARR STREET_E_SYR 24060	33.08 -0.29 0.00	28.22 -0.34 0.00	26.65 -0.33 0.00	25.83 -0.31 0.00	28.22 -0.33 0.00	27.40 -0.26 0.00	42.78 -0.41 0.00	34.94 -0.41 0.00	38.75 -0.64 0.00	39.46 -0.66 0.00	36.35 -0.56 0.00	35.05 -0.53 0.00	39.18 -0.48 0.00	40.35 -0.26 0.00	40.69 -0.13 0.00	40.57 -0.06 0.00	49.56 0.00 0.00	48.05 0.14 -0.05	45.76 -0.02 0.00	42.98 -0.12 0.00	38.37 -0.16 0.00	34.12 -0.30 0.00	35.87 -0.29 0.00	41.54 -0.24 0.00
CARTHAGE___PAPER 23857	34.90 1.54 0.00	29.74 1.18 0.00	28.07 1.10 0.00	27.20 1.06 0.00	29.73 1.18 0.00	28.90 1.25 0.00	45.42 2.24 0.00	36.98 1.62 0.00	40.70 1.31 0.00	40.99 0.87 0.00	37.47 0.57 0.00	36.01 0.43 0.00	40.22 0.56 0.00	41.26 0.66 0.00	41.55 0.73 0.00	41.51 0.88 0.00	51.15 1.59 0.00	50.13 2.22 -0.06	48.59 2.81 0.00	45.95 2.85 0.00	40.61 2.08 0.00	35.82 1.39 0.00	37.76 1.59 0.00	43.30 1.52 0.00
CASSADAGA_WT_PWR 323784	33.90 0.53 0.00	28.78 0.23 0.00	27.13 0.16 0.00	26.25 0.10 0.00	28.75 0.20 0.00	28.20 0.54 0.00	44.18 1.00 0.00	36.02 0.67 0.00	39.46 0.07 0.00	40.55 0.43 0.00	37.65 0.74 0.00	36.36 0.78 0.00	40.62 0.97 0.00	42.54 1.94 0.00	43.14 2.32 0.00	42.87 2.24 0.00	52.78 3.21 0.00	50.97 3.11 0.00	47.68 1.89 0.00	44.58 1.48 0.00	39.92 1.39 0.00	35.25 0.83 0.00	37.41 1.25 0.00	42.92 1.13 0.00
CE_DUNWOOD___DRP 24194	34.88 1.52 0.00	29.76 1.20 0.00	28.03 1.06 0.00	27.11 0.96 0.00	29.55 1.01 0.00	28.69 1.03 0.00	44.97 1.79 0.00	37.13 1.77 0.00	41.35 1.96 0.00	42.03 1.91 0.00	38.76 1.86 0.00	37.45 1.87 0.00	41.69 2.04 0.00	42.91 2.30 0.00	43.24 2.42 0.00	43.06 2.42 0.00	52.49 2.93 0.00	50.77 2.92 0.00	48.33 2.55 0.00	45.34 2.23 0.00	40.47 1.94 0.00	36.21 1.70 -0.09	37.89 1.67 -0.06	43.57 1.79 0.00
CE_MILLWOOD___DRP 24193	34.74 1.38 0.00	29.63 1.07 0.00	27.91 0.94 0.00	27.00 0.86 0.00	29.44 0.90 0.00	28.57 0.92 0.00	44.78 1.61 0.00	36.95 1.60 0.00	41.15 1.76 0.00	41.83 1.71 0.00	38.57 1.67 0.00	37.27 1.69 0.00	41.52 1.86 0.00	42.72 2.11 0.00	43.06 2.24 0.00	42.88 2.25 0.00	52.29 2.73 0.00	50.60 2.74 0.00	48.19 2.41 0.00	45.20 2.10 0.00	40.31 1.78 0.00	36.05 1.54 -0.09	37.73 1.51 -0.06	43.38 1.59 0.00
CE_NYC2_DRP 24202	35.22 1.86 0.00	30.01 1.45 0.00	28.26 1.28 0.00	27.32 1.18 0.00	29.78 1.23 0.00	28.94 1.29 0.00	45.38 2.20 0.00	37.53 2.17 0.00	41.80 2.41 0.00	42.46 2.34 0.00	39.23 2.32 0.00	37.92 2.35 0.00	42.16 2.51 0.00	43.42 2.81 0.00	43.76 2.93 0.00	43.50 2.86 0.00	52.95 3.39 0.00	51.19 3.33 0.00	48.65 2.87 0.00	45.64 2.53 0.00	40.83 2.29 0.00	36.58 2.07 -0.09	38.30 2.07 -0.06	44.05 2.26 0.00
CE_NYC_DRP 24195	35.18 1.81 0.00	29.97 1.41 0.00	28.21 1.24 0.00	27.30 1.15 0.00	29.74 1.20 0.00	28.89 1.24 0.00	45.29 2.11 0.00	37.42 2.06 0.00	41.70 2.30 0.00	42.37 2.25 0.00	39.13 2.22 0.00	37.82 2.24 0.00	42.07 2.41 0.00	43.31 2.71 0.00	43.66 2.84 0.00	43.46 2.83 0.00	52.98 3.42 0.00	51.22 3.37 0.00	48.69 2.91 0.00	45.67 2.56 0.00	40.80 2.27 0.00	36.54 2.03 -0.09	38.27 2.04 -0.06	44.00 2.22 0.00
CHAFFEE___LFGE 323603	33.70 0.33 0.00	28.63 0.07 0.00	27.01 0.04 0.00	26.20 0.06 0.00	28.63 0.08 0.00	28.01 0.35 0.00	43.45 0.26 0.00	35.31 -0.05 0.00	38.73 -0.66 0.00	39.77 -0.35 0.00	36.70 -0.20 0.00	35.35 -0.22 0.00	39.46 -0.20 0.00	41.28 0.68 0.00	41.83 1.01 0.00	41.65 1.02 0.00	51.14 1.58 0.00	49.33 1.46 0.00	46.14 0.35 0.00	43.17 0.07 0.00	38.77 0.23 0.00	34.36 -0.06 0.00	36.70 0.54 0.00	42.54 0.75 0.00
CHATEAUG_35_KV_LOAD 355732	33.96 0.60 0.00	29.07 0.51 0.00	27.45 0.47 0.00	26.59 0.45 0.00	29.05 0.50 0.00	28.18 0.53 0.00	43.98 0.80 0.00	36.15 0.80 0.00	40.26 0.86 0.00	41.02 0.90 0.00	37.54 0.64 0.00	36.13 0.55 0.00	40.24 0.58 0.00	40.95 0.34 0.00	41.02 0.20 0.00	40.70 0.06 0.00	49.86 0.30 0.00	48.03 0.18 0.00	46.17 0.39 0.00	43.34 0.24 0.00	38.81 0.28 0.00	34.64 0.21 0.00	36.50 0.33 0.00	42.26 0.48 0.00
CHATEAUG_WT_PWR 323614	34.55 1.18 0.00	29.50 0.94 0.00	27.88 0.90 0.00	26.99 0.84 0.00	29.53 0.99 0.00	28.69 1.04 0.00	44.68 1.50 0.00	36.90 1.55 0.00	40.98 1.59 0.00	41.84 1.72 0.00	38.26 1.35 0.00	36.75 1.18 0.00	40.93 1.27 0.00	41.66 1.06 0.00	41.79 0.96 0.00	41.53 0.89 0.00	50.98 1.42 0.00	48.99 1.13 0.00	47.06 1.28 0.00	43.83 0.72 0.00	39.29 0.75 0.00	34.84 0.41 0.00	36.78 0.62 0.00	42.78 0.99 0.00
CHAT_HIGH_FALL_HYD 323578	33.96 0.60 0.00	29.07 0.51 0.00	27.45 0.47 0.00	26.59 0.45 0.00	29.05 0.50 0.00	28.18 0.53 0.00	43.98 0.80 0.00	36.15 0.80 0.00	40.26 0.86 0.00	41.02 0.90 0.00	37.54 0.64 0.00	36.13 0.55 0.00	40.24 0.58 0.00	40.95 0.34 0.00	41.02 0.20 0.00	40.70 0.06 0.00	49.86 0.30 0.00	48.03 0.18 0.00	46.17 0.39 0.00	43.34 0.24 0.00	38.81 0.28 0.00	34.64 0.21 0.00	36.50 0.33 0.00	42.26 0.48 0.00
CHAUTAUQUA___LFGE 323629	33.61 0.24 0.00	28.55 -0.01 0.00	26.93 -0.04 0.00	26.08 -0.07 0.00	28.52 -0.03 0.00	27.92 0.27 0.00	43.64 0.45 0.00	35.52 0.16 0.00	38.92 -0.47 0.00	39.93 -0.19 0.00	36.94 0.04 0.00	35.67 0.10 0.00	39.90 0.24 0.00	41.79 1.18 0.00	42.36 1.53 0.00	42.09 1.46 0.00	51.83 2.27 0.00	50.08 2.22 0.00	46.83 1.04 0.00	43.83 0.73 0.00	39.30 0.76 0.00	34.73 0.31 0.00	36.93 0.77 0.00	42.64 0.86 0.00
CHERRYST_13_KV_LD 356241	35.27 1.91 0.00	30.06 1.50 0.00	28.30 1.32 0.00	27.37 1.23 0.00	29.83 1.28 0.00	28.98 1.33 0.00	45.44 2.26 0.00	37.55 2.19 0.00	41.85 2.45 0.00	42.53 2.41 0.00	39.28 2.38 0.00	37.98 2.40 0.00	42.25 2.59 0.00	43.50 2.90 0.00	43.85 3.02 0.00	43.65 3.02 0.00	53.21 3.65 0.00	51.43 3.58 0.00	48.88 3.10 0.00	45.82 2.71 0.00	40.93 2.40 0.00	36.65 2.13 -0.09	38.39 2.16 -0.06	44.13 2.35 0.00

CHESTROR_138KV_BK263 355645	34.39 1.03 0.00	29.35 0.79 0.00	27.66 0.69 0.00	26.78 0.63 0.00	29.21 0.66 0.00	28.32 0.66 0.00	44.36 1.18 0.00	36.55 1.20 0.00	40.69 1.29 0.00	41.34 1.22 0.00	38.10 1.19 0.00	36.79 1.21 0.00	41.02 1.36 0.00	42.23 1.63 0.00	42.57 1.75 0.00	42.39 1.75 0.00	51.74 2.18 0.00	50.10 2.25 0.00	47.79 2.01 0.00	44.81 1.71 0.00	39.97 1.43 0.00	35.70 1.20 -0.07	37.35 1.13 -0.05	42.96 1.18 0.00
CH_MIDHUDSON___DRP 24192	34.71 1.34 0.00	29.61 1.05 0.00	27.92 0.94 0.00	27.01 0.87 0.00	29.47 0.92 0.00	28.58 0.92 0.00	44.78 1.60 0.00	36.92 1.57 0.00	41.12 1.73 0.00	41.81 1.69 0.00	38.54 1.63 0.00	37.21 1.63 0.00	41.44 1.78 0.00	42.58 1.98 0.00	42.94 2.12 0.00	42.76 2.13 0.00	52.16 2.60 0.00	50.49 2.63 0.00	48.13 2.34 0.00	45.17 2.07 0.00	40.29 1.76 0.00	35.98 1.49 -0.06	37.67 1.47 -0.04	43.30 1.51 0.00
CH_MISC_IPPS 23765	34.88 1.52 0.00	29.75 1.19 0.00	28.03 1.06 0.00	27.13 0.98 0.00	29.59 1.04 0.00	28.71 1.05 0.00	45.01 1.83 0.00	37.12 1.76 0.00	41.33 1.93 0.00	42.01 1.89 0.00	38.72 1.81 0.00	37.40 1.82 0.00	41.69 2.03 0.00	42.87 2.26 0.00	43.23 2.41 0.00	43.07 2.44 0.00	52.57 3.01 0.00	50.91 3.05 0.00	48.53 2.75 0.00	45.51 2.41 0.00	40.58 2.05 0.00	36.22 1.73 -0.07	37.90 1.69 -0.05	43.56 1.77 0.00
CH_RES_BVR_FALLS 23983	33.28 -0.09 0.00	28.52 -0.04 0.00	26.94 -0.04 0.00	26.10 -0.05 0.00	28.51 -0.04 0.00	27.62 -0.04 0.00	43.09 -0.09 0.00	35.23 -0.12 0.00	39.36 -0.03 0.00	40.11 -0.01 0.00	36.86 -0.05 0.00	35.54 -0.04 0.00	39.59 -0.07 0.00	40.44 -0.16 0.00	40.57 -0.25 0.00	40.28 -0.35 0.00	49.19 -0.37 0.00	47.44 -0.41 0.00	45.43 -0.35 0.00	42.78 -0.32 0.00	38.18 -0.36 0.00	34.08 -0.35 0.00	35.75 -0.41 0.00	41.30 -0.48 0.00
CH_RES_NIAGARA 23895	32.25 -1.12 0.00	27.58 -0.98 0.00	26.01 -0.96 0.00	25.26 -0.89 0.00	27.58 -0.97 0.00	26.98 -0.68 0.00	41.55 -1.63 0.00	33.48 -1.88 0.00	36.64 -2.75 0.00	37.66 -2.46 0.00	34.70 -2.21 0.00	33.44 -2.14 0.00	37.32 -2.34 0.00	39.02 -1.58 0.00	39.46 -1.37 0.00	39.34 -1.29 0.00	48.24 -1.32 0.00	46.44 -1.41 0.00	43.45 -2.33 0.00	40.91 -2.19 0.00	36.83 -1.71 0.00	32.76 -1.67 0.00	35.19 -0.97 0.00	41.14 -0.65 0.00
CH_RES_SYRACUSE 23985	33.21 -0.16 0.00	28.33 -0.22 0.00	26.75 -0.22 0.00	25.94 -0.21 0.00	28.36 -0.19 0.00	27.53 -0.12 0.00	43.01 -0.17 0.00	35.12 -0.23 0.00	38.96 -0.43 0.00	39.67 -0.45 0.00	36.54 -0.37 0.00	35.20 -0.37 0.00	39.34 -0.31 0.00	40.51 -0.09 0.00	40.88 0.06 0.00	40.73 0.10 0.00	49.81 0.25 0.00	48.34 0.40 -0.08	46.05 0.26 0.00	43.24 0.13 0.00	38.58 0.05 0.00	34.33 -0.10 0.00	36.08 -0.08 0.00	41.76 -0.02 0.00
CLINTON_WT_PWR 323605	34.55 1.18 0.00	29.50 0.94 0.00	27.88 0.90 0.00	26.99 0.84 0.00	29.53 0.99 0.00	28.69 1.04 0.00	44.68 1.50 0.00	36.90 1.55 0.00	40.98 1.59 0.00	41.84 1.72 0.00	38.26 1.35 0.00	36.75 1.18 0.00	40.93 1.27 0.00	41.66 1.06 0.00	41.79 0.96 0.00	41.53 0.89 0.00	50.98 1.42 0.00	48.99 1.13 0.00	47.06 1.28 0.00	43.83 0.72 0.00	39.29 0.75 0.00	34.84 0.41 0.00	36.78 0.62 0.00	42.78 0.99 0.00
CLINTON___LFGE 323618	34.60 1.24 0.00	29.55 0.99 0.00	27.92 0.95 0.00	27.03 0.89 0.00	29.56 1.01 0.00	28.72 1.06 0.00	44.82 1.63 0.00	36.98 1.62 0.00	41.10 1.70 0.00	41.88 1.76 0.00	38.26 1.35 0.00	36.77 1.19 0.00	40.96 1.30 0.00	41.75 1.15 0.00	41.92 1.09 0.00	41.65 1.02 0.00	51.13 1.57 0.00	49.25 1.39 0.00	47.28 1.49 0.00	44.18 1.08 0.00	39.61 1.08 0.00	35.18 0.76 0.00	37.07 0.90 0.00	42.99 1.21 0.00
COBBLENY_34_KV_TB1 80064	33.70 0.33 0.00	28.63 0.07 0.00	27.01 0.04 0.00	26.20 0.06 0.00	28.63 0.08 0.00	28.01 0.35 0.00	43.43 0.25 0.00	35.31 -0.05 0.00	38.73 -0.66 0.00	39.77 -0.35 0.00	36.70 -0.20 0.00	35.36 -0.21 0.00	39.46 -0.19 0.00	41.28 0.68 0.00	41.83 1.01 0.00	41.66 1.02 0.00	51.15 1.58 0.00	49.32 1.46 0.00	46.13 0.35 0.00	43.17 0.07 0.00	38.77 0.24 0.00	34.36 -0.06 0.00	36.71 0.54 0.00	42.54 0.75 0.00
COFFEEN___115KV_TB3 355620	35.10 1.74 0.00	29.87 1.31 0.00	28.18 1.21 0.00	27.32 1.17 0.00	29.86 1.31 0.00	29.04 1.39 0.00	45.66 2.48 0.00	37.17 1.82 0.00	40.80 1.41 0.00	41.00 0.88 0.00	37.48 0.57 0.00	35.98 0.41 0.00	40.24 0.58 0.00	41.36 0.75 0.00	41.67 0.85 0.00	41.69 1.06 0.00	51.47 1.91 0.00	50.59 2.67 -0.07	49.17 3.39 0.00	46.54 3.44 0.00	41.07 2.54 0.00	36.14 1.72 0.00	38.08 1.91 0.00	43.65 1.87 0.00
COLDSPRG_115KV_BK1 355956	34.53 1.17 0.00	29.30 0.74 0.00	27.66 0.69 0.00	26.80 0.66 0.00	29.35 0.80 0.00	28.72 1.06 0.00	44.96 1.78 0.00	36.73 1.37 0.00	40.34 0.94 0.00	41.41 1.29 0.00	38.31 1.41 0.00	36.89 1.32 0.00	41.09 1.43 0.00	43.00 2.39 0.00	43.58 2.76 0.00	43.32 2.68 0.00	53.32 3.76 0.00	51.46 3.60 0.00	48.16 2.37 0.00	44.97 1.87 0.00	40.24 1.70 0.00	35.52 1.09 0.00	37.68 1.52 0.00	43.47 1.69 0.00
COLONIE_LFGE___ 323577	34.53 1.17 0.00	29.58 1.02 0.00	27.94 0.97 0.00	27.07 0.92 0.00	29.58 1.03 0.00	28.59 0.94 0.00	44.60 1.42 0.00	36.65 1.30 0.00	40.81 1.42 0.00	41.60 1.48 0.00	38.18 1.27 0.00	36.72 1.14 0.00	40.76 1.10 0.00	41.82 1.22 0.00	42.16 1.34 0.00	42.02 1.39 0.00	51.13 1.57 0.00	49.59 1.73 0.00	47.52 1.73 0.00	44.66 1.56 0.00	39.93 1.40 0.00	35.44 1.13 0.11	37.23 1.14 0.08	42.96 1.17 0.00
COOPERNY_115KV_TB1 80082	34.05 0.68 0.00	29.08 0.52 0.00	27.44 0.46 0.00	26.58 0.44 0.00	29.00 0.45 0.00	28.10 0.45 0.00	43.98 0.80 0.00	36.17 0.82 0.00	40.25 0.85 0.00	40.92 0.80 0.00	37.70 0.79 0.00	36.38 0.80 0.00	40.57 0.91 0.00	41.73 1.13 0.00	42.06 1.24 0.00	41.88 1.24 0.00	51.08 1.51 0.00	49.43 1.58 0.00	47.18 1.40 0.00	44.27 1.17 0.00	39.52 0.99 0.00	35.29 0.81 -0.05	36.97 0.77 -0.04	42.59 0.81 0.00
COPENHAGEN_WT_PWR 323753	34.66 1.30 0.00	29.50 0.94 0.00	27.86 0.88 0.00	27.00 0.86 0.00	29.51 0.96 0.00	28.69 1.03 0.00	45.04 1.86 0.00	36.64 1.29 0.00	40.32 0.92 0.00	40.66 0.54 0.00	37.21 0.31 0.00	35.76 0.18 0.00	39.96 0.30 0.00	41.05 0.45 0.00	41.36 0.54 0.00	41.35 0.71 0.00	50.96 1.40 0.00	49.94 2.01 -0.07	48.38 2.60 0.00	45.72 2.61 0.00	40.27 1.73 0.00	35.44 1.02 0.00	37.44 1.27 0.00	42.94 1.16 0.00
CORNELL_____ 23752	34.01 0.65 0.00	28.97 0.42 0.00	27.35 0.38 0.00	26.52 0.38 0.00	28.99 0.44 0.00	28.17 0.52 0.00	44.11 0.93 0.00	36.15 0.80 0.00	39.96 0.57 0.00	40.47 0.35 0.00	37.13 0.22 0.00	35.76 0.18 0.00	39.93 0.27 0.00	41.27 0.67 0.00	41.66 0.84 0.00	41.59 0.95 0.00	50.95 1.38 0.00	49.62 1.73 -0.04	47.53 1.75 0.00	44.60 1.50 0.00	39.76 1.23 0.00	35.26 0.83 0.00	36.99 0.82 0.00	42.72 0.93 0.00

CORONA V_69_KV_TB1 355595	35.53 2.16 0.00	30.34 1.78 0.00	28.54 1.56 0.00	27.55 1.41 0.00	30.06 1.51 0.00	29.22 1.57 0.00	46.31 2.62 -0.51	44.34 2.58 -6.40	42.16 2.77 0.00	42.70 2.58 0.00	39.23 2.32 0.00	37.95 2.37 0.00	42.25 2.59 0.00	43.52 2.92 0.00	43.75 2.93 0.00	43.63 3.00 0.00	53.08 3.52 0.00	51.44 3.58 0.00	48.88 3.09 0.00	45.95 2.85 0.00	41.04 2.50 0.00	36.80 2.28 -0.09	38.44 2.21 -0.06	44.13 2.35 0.00
CORTLAND_115KV_TB3 80093	33.73 0.36 0.00	28.75 0.19 0.00	27.15 0.17 0.00	26.32 0.17 0.00	28.75 0.20 0.00	27.91 0.25 0.00	43.70 0.52 0.00	35.77 0.41 0.00	39.61 0.22 0.00	40.24 0.12 0.00	36.97 0.06 0.00	35.63 0.06 0.00	39.80 0.15 0.00	41.08 0.48 0.00	41.42 0.60 0.00	41.28 0.65 0.00	50.49 0.93 0.00	49.07 1.17 -0.05	46.87 1.09 0.00	44.02 0.91 0.00	39.27 0.74 0.00	34.88 0.45 0.00	36.61 0.45 0.00	42.33 0.54 0.00
COXSACKIE__GT 23611	35.41 2.05 0.00	30.26 1.70 0.00	28.57 1.60 0.00	27.69 1.54 0.00	30.29 1.74 0.00	29.33 1.67 0.00	45.91 2.73 0.00	37.76 2.41 0.00	41.97 2.58 0.00	42.72 2.60 0.00	39.03 2.13 0.00	37.14 1.56 0.00	41.18 1.53 0.00	42.14 1.54 0.00	42.73 1.91 0.00	42.43 1.79 0.00	51.95 2.39 0.00	51.01 3.16 0.00	49.56 3.78 0.00	46.71 3.60 0.00	41.56 3.03 0.00	36.83 2.44 0.04	38.50 2.36 0.03	44.22 2.43 0.00
CPV_VALLEY__CC1 323721	34.15 0.78 0.00	29.15 0.60 0.00	27.50 0.52 0.00	26.62 0.47 0.00	29.03 0.48 0.00	28.14 0.49 0.00	44.06 0.88 0.00	36.28 0.93 0.00	40.39 1.00 0.00	41.06 0.94 0.00	37.84 0.93 0.00	36.53 0.96 0.00	40.73 1.07 0.00	41.91 1.31 0.00	42.25 1.43 0.00	42.07 1.43 0.00	51.32 1.76 0.00	49.68 1.82 0.00	47.38 1.60 0.00	44.44 1.34 0.00	39.63 1.10 0.00	35.41 0.92 -0.07	37.07 0.86 -0.05	42.66 0.87 0.00
CPV_VALLEY__CC2 323722	34.15 0.78 0.00	29.15 0.60 0.00	27.50 0.52 0.00	26.62 0.47 0.00	29.03 0.48 0.00	28.14 0.49 0.00	44.06 0.88 0.00	36.28 0.93 0.00	40.39 1.00 0.00	41.06 0.94 0.00	37.84 0.93 0.00	36.53 0.96 0.00	40.73 1.07 0.00	41.91 1.31 0.00	42.25 1.43 0.00	42.07 1.43 0.00	51.32 1.76 0.00	49.68 1.82 0.00	47.38 1.60 0.00	44.44 1.34 0.00	39.63 1.10 0.00	35.41 0.92 -0.07	37.07 0.86 -0.05	42.66 0.87 0.00
CRESCENT__HYD 24018	34.53 1.17 0.00	29.58 1.02 0.00	27.94 0.97 0.00	27.07 0.92 0.00	29.58 1.03 0.00	28.59 0.94 0.00	44.60 1.42 0.00	36.65 1.30 0.00	40.81 1.42 0.00	41.60 1.48 0.00	38.18 1.27 0.00	36.72 1.14 0.00	40.76 1.10 0.00	41.82 1.22 0.00	42.16 1.34 0.00	42.02 1.39 0.00	51.13 1.57 0.00	49.59 1.73 0.00	47.52 1.73 0.00	44.66 1.56 0.00	39.93 1.40 0.00	35.44 1.13 0.11	37.23 1.14 0.08	42.96 1.17 0.00
CRICKET__VALLEY_CC1 323756	34.29 0.93 0.00	29.28 0.72 0.00	27.63 0.65 0.00	26.73 0.59 0.00	29.17 0.62 0.00	28.29 0.63 0.00	44.27 1.09 0.00	36.47 1.12 0.00	40.63 1.23 0.00	41.36 1.24 0.00	38.10 1.20 0.00	36.76 1.18 0.00	40.83 1.17 0.00	41.92 1.32 0.00	42.26 1.44 0.00	42.08 1.45 0.00	51.25 1.69 0.00	49.58 1.72 0.00	47.34 1.56 0.00	44.51 1.40 0.00	39.66 1.12 0.00	34.18 0.92 1.16	36.23 0.88 0.82	42.65 0.87 0.00
CRICKET__VALLEY_CC2 323757	34.29 0.93 0.00	29.28 0.72 0.00	27.63 0.65 0.00	26.73 0.59 0.00	29.17 0.62 0.00	28.29 0.63 0.00	44.27 1.09 0.00	36.47 1.12 0.00	40.63 1.23 0.00	41.36 1.24 0.00	38.10 1.20 0.00	36.76 1.18 0.00	40.83 1.17 0.00	41.92 1.32 0.00	42.26 1.44 0.00	42.08 1.45 0.00	51.25 1.69 0.00	49.58 1.72 0.00	47.34 1.56 0.00	44.51 1.40 0.00	39.66 1.12 0.00	34.18 0.92 1.16	36.23 0.88 0.82	42.65 0.87 0.00
CRICKET__VALLEY_CC3 323758	34.29 0.93 0.00	29.28 0.72 0.00	27.63 0.65 0.00	26.73 0.59 0.00	29.17 0.62 0.00	28.29 0.63 0.00	44.27 1.09 0.00	36.47 1.12 0.00	40.63 1.23 0.00	41.36 1.24 0.00	38.10 1.20 0.00	36.76 1.18 0.00	40.83 1.17 0.00	41.92 1.32 0.00	42.26 1.44 0.00	42.08 1.45 0.00	51.25 1.69 0.00	49.58 1.72 0.00	47.34 1.56 0.00	44.51 1.40 0.00	39.66 1.12 0.00	34.18 0.92 1.16	36.23 0.88 0.82	42.65 0.87 0.00
CRUCIBLE_METL_DRP 24180	33.21 -0.16 0.00	28.33 -0.22 0.00	26.75 -0.22 0.00	25.94 -0.21 0.00	28.36 -0.19 0.00	27.53 -0.12 0.00	43.01 -0.17 0.00	35.12 -0.23 0.00	38.96 -0.43 0.00	39.67 -0.45 0.00	36.54 -0.37 0.00	35.20 -0.37 0.00	39.34 -0.31 0.00	40.51 -0.09 0.00	40.88 0.06 0.00	40.73 0.10 0.00	49.81 0.25 0.00	48.34 0.40 -0.08	46.04 0.26 0.00	43.24 0.13 0.00	38.59 0.06 0.00	34.33 -0.10 0.00	36.08 -0.08 0.00	41.76 -0.02 0.00
DAHOWA__HYDRO 323763	35.20 1.84 0.00	30.10 1.54 0.00	28.46 1.49 0.00	27.57 1.43 0.00	30.14 1.59 0.00	29.17 1.51 0.00	45.57 2.39 0.00	37.49 2.14 0.00	41.81 2.41 0.00	42.58 2.46 0.00	38.99 2.08 0.00	37.31 1.74 0.00	41.38 1.73 0.00	42.55 1.95 0.00	42.94 2.12 0.00	42.86 2.22 0.00	52.33 2.77 0.00	50.89 3.04 0.00	48.90 3.11 0.00	46.01 2.90 0.00	41.13 2.60 0.00	36.45 2.12 0.09	38.27 2.17 0.07	44.06 2.28 0.00
DANC__LFGE 323619	33.95 0.59 0.00	28.93 0.37 0.00	27.31 0.34 0.00	26.48 0.34 0.00	28.94 0.39 0.00	28.12 0.47 0.00	44.06 0.87 0.00	35.89 0.54 0.00	39.59 0.19 0.00	40.05 -0.07 0.00	36.72 -0.19 0.00	35.29 -0.28 0.00	39.44 -0.22 0.00	40.54 -0.06 0.00	40.84 0.02 0.00	40.78 0.15 0.00	50.11 0.56 0.00	48.92 0.98 -0.09	47.16 1.38 0.00	44.49 1.38 0.00	39.37 0.84 0.00	34.85 0.42 0.00	36.77 0.60 0.00	42.30 0.52 0.00
DANSKAMMER__1 23586	34.88 1.52 0.00	29.75 1.19 0.00	28.03 1.06 0.00	27.13 0.98 0.00	29.59 1.04 0.00	28.71 1.05 0.00	45.01 1.83 0.00	37.12 1.76 0.00	41.33 1.93 0.00	42.01 1.89 0.00	38.72 1.81 0.00	37.40 1.82 0.00	41.69 2.03 0.00	42.87 2.26 0.00	43.23 2.41 0.00	43.07 2.44 0.00	52.57 3.01 0.00	50.91 3.05 0.00	48.53 2.75 0.00	45.51 2.41 0.00	40.58 2.05 0.00	36.22 1.73 -0.07	37.90 1.69 -0.05	43.56 1.77 0.00
DANSKAMMER__2 23589	34.88 1.52 0.00	29.75 1.19 0.00	28.03 1.06 0.00	27.13 0.98 0.00	29.59 1.04 0.00	28.71 1.05 0.00	45.01 1.83 0.00	37.12 1.76 0.00	41.33 1.93 0.00	42.01 1.89 0.00	38.72 1.81 0.00	37.40 1.82 0.00	41.69 2.03 0.00	42.87 2.26 0.00	43.23 2.41 0.00	43.07 2.44 0.00	52.57 3.01 0.00	50.91 3.05 0.00	48.53 2.75 0.00	45.51 2.41 0.00	40.58 2.05 0.00	36.22 1.73 -0.07	37.90 1.69 -0.05	43.56 1.77 0.00
DANSKAMMER__3 23590	34.88 1.52 0.00	29.75 1.19 0.00	28.03 1.06 0.00	27.13 0.98 0.00	29.59 1.04 0.00	28.71 1.05 0.00	45.01 1.83 0.00	37.12 1.76 0.00	41.33 1.93 0.00	42.01 1.89 0.00	38.72 1.81 0.00	37.40 1.82 0.00	41.69 2.03 0.00	42.87 2.26 0.00	43.23 2.41 0.00	43.07 2.44 0.00	52.57 3.01 0.00	50.91 3.05 0.00	48.53 2.75 0.00	45.51 2.41 0.00	40.58 2.05 0.00	36.22 1.73 -0.07	37.90 1.69 -0.05	43.56 1.77 0.00

DANSKAMMER___4 23591	34.88 1.52 0.00	29.75 1.19 0.00	28.03 1.06 0.00	27.13 0.98 0.00	29.59 1.04 0.00	28.71 1.05 0.00	45.01 1.83 0.00	37.12 1.76 0.00	41.33 1.93 0.00	42.01 1.89 0.00	38.72 1.81 0.00	37.40 1.82 0.00	41.69 2.03 0.00	42.87 2.26 0.00	43.23 2.41 0.00	43.07 2.44 0.00	52.57 3.01 0.00	50.91 3.05 0.00	48.53 2.75 0.00	45.51 2.41 0.00	40.58 2.05 0.00	36.22 1.73 -0.07	37.90 1.69 -0.05	43.56 1.77 0.00
DANSKAMMER___DIESEL 23592	34.88 1.52 0.00	29.75 1.19 0.00	28.03 1.06 0.00	27.13 0.98 0.00	29.59 1.04 0.00	28.71 1.05 0.00	45.02 1.83 0.00	37.12 1.76 0.00	41.33 1.94 0.00	42.01 1.89 0.00	38.72 1.81 0.00	37.40 1.82 0.00	41.69 2.03 0.00	42.87 2.27 0.00	43.23 2.41 0.00	43.07 2.44 0.00	52.57 3.01 0.00	50.91 3.05 0.00	48.53 2.75 0.00	45.51 2.41 0.00	40.58 2.05 0.00	36.22 1.73 -0.07	37.90 1.69 -0.05	43.56 1.78 0.00
DARBY___SOLAR 323810	35.05 1.69 0.00	29.97 1.41 0.00	28.33 1.36 0.00	27.45 1.30 0.00	29.99 1.45 0.00	29.03 1.37 0.00	45.34 2.16 0.00	37.29 1.94 0.00	41.55 2.15 0.00	42.32 2.20 0.00	38.75 1.85 0.00	37.11 1.53 0.00	41.17 1.51 0.00	42.33 1.72 0.00	42.71 1.89 0.00	42.62 1.98 0.00	52.03 2.47 0.00	50.60 2.75 0.00	48.60 2.82 0.00	45.72 2.62 0.00	40.88 2.34 0.00	36.23 1.91 0.10	38.04 1.95 0.07	43.83 2.04 0.00
DASHVILLE___HYD 23610	34.38 1.02 0.00	29.31 0.75 0.00	27.63 0.66 0.00	26.74 0.60 0.00	29.16 0.61 0.00	28.26 0.61 0.00	44.32 1.14 0.00	36.56 1.21 0.00	40.73 1.34 0.00	41.39 1.27 0.00	38.19 1.29 0.00	36.94 1.36 0.00	41.17 1.51 0.00	42.35 1.75 0.00	42.69 1.87 0.00	42.53 1.90 0.00	51.86 2.30 0.00	50.11 2.26 0.00	47.74 1.96 0.00	44.79 1.68 0.00	39.93 1.40 0.00	35.67 1.21 -0.04	37.34 1.15 -0.03	42.94 1.16 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	33.50 0.14 0.00	29.12 0.56 0.00	27.38 0.41 0.00	26.33 0.33 0.15	28.78 0.26 0.03	28.12 0.46 0.00	44.44 0.75 -0.51	43.08 1.33 -6.40	40.89 1.49 0.00	41.39 1.27 0.00	37.66 0.75 0.00	36.59 1.01 0.00	40.86 1.20 0.00	42.32 1.71 0.00	42.30 1.48 0.00	42.23 1.60 0.00	51.00 1.44 0.00	49.67 1.81 0.00	47.19 1.41 0.00	44.87 1.77 0.00	39.96 1.43 0.00	35.77 1.25 -0.09	37.18 0.96 -0.06	42.55 0.76 0.00
DELAWARE___LFGE 323621	34.14 0.78 0.00	29.13 0.58 0.00	27.57 0.60 0.00	26.77 0.63 0.00	29.21 0.66 0.00	28.24 0.58 0.00	44.22 1.04 0.00	36.28 0.93 0.00	40.28 0.89 0.00	40.96 0.84 0.00	37.70 0.79 0.00	36.39 0.81 0.00	40.60 0.94 0.00	41.81 1.21 0.00	42.10 1.28 0.00	41.91 1.28 0.00	51.03 1.47 0.00	49.45 1.57 -0.02	47.24 1.46 0.00	44.34 1.23 0.00	39.62 1.09 0.00	35.28 0.85 0.00	37.00 0.84 0.00	42.69 0.91 0.00
DERFIELD_115KV_TB7 355931	33.47 0.10 0.00	28.64 0.09 0.00	27.05 0.08 0.00	26.22 0.08 0.00	28.63 0.09 0.00	27.73 0.08 0.00	43.31 0.13 0.00	35.49 0.14 0.00	39.51 0.11 0.00	40.20 0.08 0.00	36.97 0.06 0.00	35.64 0.07 0.00	39.73 0.07 0.00	40.73 0.12 0.00	40.97 0.15 0.00	40.76 0.13 0.00	49.71 0.15 0.00	48.09 0.24 0.00	46.04 0.26 0.00	43.31 0.21 0.00	38.69 0.16 0.00	34.53 0.10 0.00	36.24 0.08 0.00	41.83 0.05 0.00
DOGLEVILLE___HYD 23807	33.64 0.28 0.00	28.71 0.15 0.00	27.13 0.16 0.00	26.23 0.09 0.00	28.70 0.15 0.00	27.68 0.02 0.00	43.37 0.19 0.00	35.91 0.55 0.00	39.82 0.43 0.00	39.78 -0.33 0.00	36.00 -0.90 0.00	34.69 -0.89 0.00	38.67 -0.99 0.00	39.84 -0.76 0.00	40.00 -0.82 0.00	39.98 -0.65 0.00	48.72 -0.84 0.00	47.97 0.11 0.00	46.69 0.91 0.00	43.98 0.87 0.00	39.45 0.92 0.00	34.96 0.54 0.00	36.39 0.23 0.00	41.69 -0.09 0.00
DUNKIRK___115KV_TB_200 55889	33.57 0.20 0.00	28.52 -0.04 0.00	26.90 -0.07 0.00	26.06 -0.09 0.00	28.49 -0.05 0.00	27.89 0.23 0.00	43.55 0.37 0.00	35.44 0.08 0.00	38.85 -0.54 0.00	39.87 -0.25 0.00	36.87 -0.04 0.00	35.60 0.03 0.00	39.81 0.15 0.00	41.69 1.09 0.00	42.26 1.44 0.00	41.99 1.35 0.00	51.70 2.14 0.00	49.95 2.09 0.00	46.72 0.93 0.00	43.73 0.63 0.00	39.20 0.67 0.00	34.64 0.22 0.00	36.85 0.69 0.00	42.59 0.80 0.00
DUNKIRK___1 23563	33.57 0.20 0.00	28.52 -0.04 0.00	26.90 -0.07 0.00	26.06 -0.09 0.00	28.49 -0.05 0.00	27.89 0.23 0.00	43.55 0.37 0.00	35.44 0.08 0.00	38.85 -0.54 0.00	39.87 -0.25 0.00	36.87 -0.04 0.00	35.60 0.03 0.00	39.81 0.15 0.00	41.69 1.09 0.00	42.26 1.44 0.00	41.99 1.35 0.00	51.70 2.14 0.00	49.95 2.09 0.00	46.72 0.93 0.00	43.73 0.63 0.00	39.20 0.67 0.00	34.64 0.22 0.00	36.85 0.69 0.00	42.59 0.80 0.00
DUNKIRK___2 23564	33.57 0.20 0.00	28.52 -0.04 0.00	26.90 -0.07 0.00	26.06 -0.09 0.00	28.49 -0.05 0.00	27.89 0.23 0.00	43.55 0.37 0.00	35.44 0.08 0.00	38.85 -0.54 0.00	39.87 -0.25 0.00	36.87 -0.04 0.00	35.60 0.03 0.00	39.81 0.15 0.00	41.69 1.09 0.00	42.26 1.44 0.00	41.99 1.35 0.00	51.70 2.14 0.00	49.95 2.09 0.00	46.72 0.93 0.00	43.73 0.63 0.00	39.20 0.67 0.00	34.64 0.22 0.00	36.85 0.69 0.00	42.59 0.80 0.00
DUNKIRK___3 23565	33.49 0.12 0.00	28.46 -0.10 0.00	26.85 -0.13 0.00	26.02 -0.12 0.00	28.45 -0.10 0.00	27.82 0.17 0.00	43.36 0.18 0.00	35.27 -0.08 0.00	38.69 -0.70 0.00	39.70 -0.42 0.00	36.68 -0.22 0.00	35.40 -0.17 0.00	39.55 -0.11 0.00	41.40 0.79 0.00	41.94 1.12 0.00	41.71 1.07 0.00	51.31 1.75 0.00	49.55 1.69 0.00	46.36 0.57 0.00	43.40 0.29 0.00	38.91 0.38 0.00	34.42 -0.01 0.00	36.64 0.47 0.00	42.42 0.64 0.00
DUNKIRK___4 23566	33.49 0.12 0.00	28.46 -0.10 0.00	26.85 -0.13 0.00	26.02 -0.12 0.00	28.45 -0.10 0.00	27.82 0.17 0.00	43.36 0.18 0.00	35.27 -0.08 0.00	38.69 -0.70 0.00	39.70 -0.42 0.00	36.68 -0.22 0.00	35.40 -0.17 0.00	39.55 -0.11 0.00	41.40 0.79 0.00	41.94 1.12 0.00	41.71 1.07 0.00	51.31 1.75 0.00	49.55 1.69 0.00	46.36 0.57 0.00	43.40 0.29 0.00	38.91 0.38 0.00	34.42 -0.01 0.00	36.64 0.47 0.00	42.42 0.64 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.96 1.59 0.00	29.81 1.25 0.00	28.07 1.10 0.00	27.15 1.01 0.00	29.60 1.05 0.00	28.74 1.08 0.00	45.05 1.87 0.00	37.21 1.86 0.00	41.45 2.06 0.00	42.12 2.00 0.00	38.85 1.95 0.00	37.55 1.97 0.00	41.80 2.14 0.00	43.02 2.41 0.00	43.35 2.52 0.00	43.16 2.52 0.00	52.59 3.03 0.00	50.87 3.02 0.00	48.42 2.63 0.00	45.41 2.31 0.00	40.55 2.02 0.00	36.30 1.79 -0.09	38.00 1.77 -0.06	43.67 1.89 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.60 1.24 0.00	29.51 0.95 0.00	27.82 0.84 0.00	26.92 0.77 0.00	29.36 0.81 0.00	28.47 0.82 0.00	44.63 1.45 0.00	36.78 1.43 0.00	40.96 1.57 0.00	41.61 1.49 0.00	38.35 1.44 0.00	37.03 1.46 0.00	41.31 1.66 0.00	42.51 1.91 0.00	42.86 2.04 0.00	42.68 2.05 0.00	52.11 2.55 0.00	50.46 2.61 0.00	48.12 2.33 0.00	45.13 2.03 0.00	40.23 1.70 0.00	35.93 1.43 -0.07	37.58 1.37 -0.05	43.22 1.43 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	35.27 1.91 0.00	30.06 1.50 0.00	28.30 1.33 0.00	27.36 1.22 0.00	29.85 1.30 0.00	29.01 1.35 0.00	45.49 2.31 0.00	37.57 2.22 0.00	41.83 2.44 0.00	42.47 2.35 0.00	39.23 2.32 0.00	37.91 2.33 0.00	42.15 2.50 0.00	43.39 2.79 0.00	43.73 2.91 0.00	43.47 2.83 0.00	53.00 3.44 0.00	51.27 3.41 0.00	48.74 2.96 0.00	45.75 2.64 -0.01	40.90 2.37 0.00	36.61 2.09 -0.09	38.34 2.12 -0.06	44.10 2.32 0.00
E179THST_13_KV_LOAD 356214	35.44 2.08 0.00	30.20 1.64 0.00	28.43 1.46 0.00	27.48 1.34 0.00	29.98 1.43 0.00	29.14 1.48 0.00	45.71 2.52 0.00	37.75 2.40 0.00	42.04 2.64 0.00	42.69 2.57 0.00	39.43 2.52 0.00	38.11 2.53 0.00	42.38 2.73 0.00	43.64 3.04 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.31 3.75 0.00	51.56 3.71 0.00	49.01 3.22 0.00	46.00 2.89 -0.01	41.11 2.58 0.00	36.80 2.29 -0.09	38.53 2.30 -0.06	44.31 2.53 0.00
EAST HAMPTON___GT 23717	32.97 -0.40 0.00	28.66 0.11 0.00	26.95 -0.02 0.00	25.92 -0.08 0.15	28.34 -0.18 0.03	27.70 0.05 0.00	43.81 0.11 -0.51	42.59 0.83 -6.40	40.35 0.95 0.00	40.87 0.75 0.00	37.27 0.36 0.00	36.09 0.51 0.00	40.30 0.64 0.00	41.76 1.16 0.00	41.65 0.83 0.00	41.58 0.95 0.00	50.21 0.65 0.00	48.87 1.01 0.00	46.44 0.66 0.00	44.18 1.08 0.00	39.31 0.78 0.00	35.15 0.64 -0.09	36.57 0.34 -0.06	41.79 0.01 0.00
EAST RIVER___6 23660	35.20 1.84 0.00	29.97 1.41 0.00	28.23 1.26 0.00	27.32 1.18 0.00	29.76 1.22 0.00	28.91 1.26 0.00	45.30 2.12 0.00	37.40 2.05 0.00	41.68 2.28 0.00	42.35 2.23 0.00	39.13 2.23 0.00	37.83 2.25 0.00	42.05 2.39 0.00	43.31 2.71 0.00	43.66 2.84 0.00	43.46 2.83 0.00	52.97 3.41 0.00	51.22 3.36 0.00	48.68 2.90 0.00	45.66 2.55 0.00	40.81 2.28 0.00	36.56 2.04 -0.09	38.34 2.11 -0.06	44.05 2.27 0.00
EAST RIVER___7 23524	35.20 1.84 0.00	29.97 1.41 0.00	28.23 1.26 0.00	27.32 1.18 0.00	29.76 1.22 0.00	28.91 1.26 0.00	45.30 2.12 0.00	37.40 2.05 0.00	41.68 2.28 0.00	42.35 2.23 0.00	39.13 2.23 0.00	37.83 2.25 0.00	42.05 2.39 0.00	43.31 2.71 0.00	43.66 2.84 0.00	43.46 2.83 0.00	52.97 3.41 0.00	51.22 3.36 0.00	48.68 2.90 0.00	45.66 2.55 0.00	40.81 2.28 0.00	36.56 2.04 -0.09	38.34 2.11 -0.06	44.05 2.27 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.88 1.52 0.00	29.76 1.20 0.00	28.03 1.06 0.00	27.11 0.96 0.00	29.55 1.01 0.00	28.69 1.03 0.00	44.97 1.79 0.00	37.13 1.77 0.00	41.35 1.96 0.00	42.03 1.91 0.00	38.76 1.86 0.00	37.45 1.87 0.00	41.69 2.04 0.00	42.91 2.30 0.00	43.24 2.42 0.00	43.06 2.42 0.00	52.49 2.93 0.00	50.77 2.92 0.00	48.33 2.55 0.00	45.34 2.23 0.00	40.47 1.94 0.00	36.21 1.70 -0.09	37.89 1.67 -0.06	43.57 1.79 0.00
EAST_HAMPTON___DIESEL 23722	32.85 -0.52 0.00	28.57 0.02 0.00	26.87 -0.10 0.00	25.83 -0.17 0.15	28.25 -0.27 0.03	27.62 -0.04 0.00	43.67 -0.02 -0.51	42.47 0.71 -6.40	40.22 0.83 0.00	40.74 0.62 0.00	37.16 0.26 0.00	35.97 0.40 0.00	40.17 0.51 0.00	41.61 1.01 0.00	41.50 0.68 0.00	41.44 0.81 0.00	50.03 0.47 0.00	48.70 0.85 0.00	46.28 0.50 0.00	44.02 0.92 0.00	39.18 0.65 0.00	35.04 0.52 -0.09	36.44 0.21 -0.06	41.65 -0.14 0.00
EAST_POINT___SOLAR 323840	35.54 2.17 0.00	30.32 1.76 0.00	28.63 1.65 0.00	27.76 1.62 0.00	30.32 1.77 0.00	29.48 1.82 0.00	46.34 3.16 0.00	37.93 2.58 0.00	41.51 2.12 0.00	40.81 0.69 0.00	37.13 0.23 0.00	35.46 -0.11 0.00	39.76 0.10 0.00	41.35 0.74 0.00	41.89 1.06 0.00	41.82 1.18 0.00	51.66 2.10 0.00	50.81 2.95 0.00	49.33 3.55 0.00	46.68 3.57 0.00	41.56 3.03 0.00	36.94 2.57 0.06	38.73 2.61 0.04	44.66 2.87 0.00
EAST_PULASKI___ESR 323781	33.30 -0.07 0.00	28.41 -0.15 0.00	26.82 -0.16 0.00	26.00 -0.15 0.00	28.42 -0.13 0.00	27.59 -0.07 0.00	43.14 -0.04 0.00	35.19 -0.17 0.00	38.91 -0.48 0.00	39.47 -0.64 0.00	36.27 -0.64 0.00	34.88 -0.70 0.00	38.97 -0.69 0.00	40.09 -0.52 0.00	40.40 -0.42 0.00	40.31 -0.32 0.00	49.36 -0.20 0.00	48.05 0.06 -0.13	46.06 0.27 0.00	43.37 0.27 0.00	38.59 0.06 0.00	34.31 -0.12 0.00	36.13 -0.04 0.00	41.73 -0.06 0.00
EAST_RIVER___1 323558	35.17 1.81 0.00	29.97 1.41 0.00	28.21 1.24 0.00	27.30 1.15 0.00	29.74 1.20 0.00	28.89 1.24 0.00	45.28 2.10 0.00	37.41 2.06 0.00	41.70 2.30 0.00	42.37 2.25 0.00	39.13 2.22 0.00	37.82 2.25 0.00	42.07 2.41 0.00	43.31 2.71 0.00	43.66 2.84 0.00	43.46 2.83 0.00	52.98 3.41 0.00	51.22 3.37 0.00	48.69 2.91 0.00	45.67 2.56 0.00	40.79 2.26 0.00	36.54 2.03 -0.09	38.27 2.04 -0.06	44.00 2.21 0.00
EAST_RIVER___2 323559	35.20 1.84 0.00	29.97 1.41 0.00	28.23 1.26 0.00	27.32 1.18 0.00	29.76 1.22 0.00	28.91 1.26 0.00	45.30 2.12 0.00	37.40 2.05 0.00	41.68 2.28 0.00	42.35 2.23 0.00	39.13 2.23 0.00	37.83 2.25 0.00	42.05 2.39 0.00	43.31 2.71 0.00	43.66 2.84 0.00	43.46 2.83 0.00	52.97 3.41 0.00	51.22 3.36 0.00	48.68 2.90 0.00	45.66 2.55 0.00	40.81 2.28 0.00	36.56 2.04 -0.09	38.34 2.11 -0.06	44.05 2.27 0.00
EAST___DELAWARE_HYD 23607	33.59 0.23 0.00	28.63 0.08 0.00	26.99 0.02 0.00	26.13 -0.02 0.00	28.50 -0.05 0.00	27.66 0.00 0.00	43.39 0.20 0.00	35.77 0.42 0.00	39.81 0.42 0.00	40.41 0.29 0.00	37.20 0.29 0.00	35.87 0.30 0.00	40.03 0.37 0.00	41.14 0.54 0.00	41.48 0.66 0.00	41.33 0.69 0.00	50.48 0.92 0.00	48.99 1.13 0.00	46.83 1.05 0.00	43.93 0.83 0.00	39.17 0.63 0.00	34.94 0.46 -0.05	36.56 0.36 -0.04	42.02 0.24 0.00
EIGHT_POINT___WT_PWR 323820	34.06 0.70 0.00	28.94 0.38 0.00	27.19 0.21 0.00	26.47 0.32 0.00	29.46 0.92 0.00	28.97 1.32 0.00	45.59 2.41 0.00	37.44 2.09 0.00	41.02 1.63 0.00	41.64 1.52 0.00	38.14 1.23 0.00	36.61 1.03 0.00	40.76 1.11 0.00	42.62 2.02 0.00	43.23 2.40 0.00	42.97 2.34 0.00	53.07 3.51 0.00	51.64 3.76 -0.02	48.74 2.95 0.00	45.35 2.25 0.00	40.23 1.70 0.00	35.52 1.10 0.00	37.53 1.36 0.00	43.02 1.23 0.00
ELBRIDGE_115KV_TB2 80188	32.98 -0.38 0.00	28.16 -0.40 0.00	26.59 -0.38 0.00	25.78 -0.36 0.00	28.18 -0.37 0.00	27.36 -0.29 0.00	42.76 -0.42 0.00	34.92 -0.43 0.00	38.73 -0.67 0.00	39.43 -0.69 0.00	36.31 -0.59 0.00	34.99 -0.58 0.00	39.09 -0.57 0.00	40.26 -0.34 0.00	40.62 -0.20 0.00	40.43 -0.21 0.00	49.49 -0.07 0.00	48.01 0.07 -0.09	45.71 -0.08 0.00	42.95 -0.15 0.00	38.36 -0.18 0.00	34.14 -0.28 0.00	35.88 -0.29 0.00	41.54 -0.24 0.00
ELEC_TRO_TEK 24086	35.30 1.94 0.00	30.16 1.60 0.00	28.37 1.40 0.00	27.40 1.25 0.00	29.90 1.35 0.00	29.06 1.41 0.00	46.05 2.36 -0.51	44.14 2.38 -6.40	41.95 2.56 0.00	42.50 2.39 0.00	39.02 2.11 0.00	37.76 2.19 0.00	42.02 2.36 0.00	43.28 2.68 0.00	43.51 2.68 0.00	43.36 2.73 0.00	52.73 3.17 0.00	51.08 3.23 0.00	48.53 2.75 0.00	45.66 2.56 0.00	40.79 2.26 0.00	36.57 2.06 -0.09	38.20 1.97 -0.06	43.86 2.07 0.00

ELLENBURG_WT_PWR 323604	34.55 1.18 0.00	29.50 0.94 0.00	27.88 0.90 0.00	26.99 0.84 0.00	29.53 0.99 0.00	28.69 1.04 0.00	44.68 1.50 0.00	36.90 1.55 0.00	40.98 1.59 0.00	41.84 1.72 0.00	38.26 1.35 0.00	36.75 1.18 0.00	40.93 1.27 0.00	41.66 1.06 0.00	41.79 0.96 0.00	41.53 0.89 0.00	50.98 1.42 0.00	48.99 1.13 0.00	47.06 1.28 0.00	43.83 0.72 0.00	39.29 0.75 0.00	34.84 0.41 0.00	36.78 0.62 0.00	42.78 0.99 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.19 -0.17 0.00	28.24 -0.32 0.00	26.63 -0.34 0.00	25.84 -0.30 0.00	28.23 -0.31 0.00	27.62 -0.04 0.00	42.77 -0.41 0.00	34.71 -0.65 0.00	38.04 -1.35 0.00	39.09 -1.03 0.00	36.06 -0.84 0.00	34.76 -0.82 0.00	38.80 -0.86 0.00	40.57 -0.03 0.00	41.09 0.27 0.00	40.92 0.29 0.00	50.25 0.69 0.00	48.45 0.59 0.00	45.33 -0.46 0.00	42.52 -0.58 0.00	38.19 -0.34 0.00	33.86 -0.56 0.00	36.22 0.06 0.00	42.07 0.29 0.00
EMPIRE_CC_1 323656	34.29 0.93 0.00	29.39 0.83 0.00	27.76 0.79 0.00	26.88 0.74 0.00	29.38 0.83 0.00	28.39 0.73 0.00	44.27 1.09 0.00	36.38 1.03 0.00	40.50 1.11 0.00	41.29 1.17 0.00	37.95 1.04 0.00	36.53 0.95 0.00	40.57 0.91 0.00	41.60 1.00 0.00	41.92 1.10 0.00	41.77 1.14 0.00	50.79 1.23 0.00	49.19 1.34 0.00	47.09 1.31 0.00	44.25 1.15 0.00	39.57 1.03 0.00	35.10 0.82 0.15	36.89 0.83 0.10	42.61 0.82 0.00
EMPIRE_CC_2 323658	34.29 0.93 0.00	29.39 0.83 0.00	27.76 0.79 0.00	26.88 0.74 0.00	29.38 0.83 0.00	28.39 0.73 0.00	44.27 1.09 0.00	36.38 1.03 0.00	40.50 1.11 0.00	41.29 1.17 0.00	37.95 1.04 0.00	36.53 0.95 0.00	40.57 0.91 0.00	41.60 1.00 0.00	41.92 1.10 0.00	41.77 1.14 0.00	50.79 1.23 0.00	49.19 1.34 0.00	47.09 1.31 0.00	44.25 1.15 0.00	39.57 1.03 0.00	35.10 0.82 0.15	36.89 0.83 0.10	42.61 0.82 0.00
ENORWICH_115KV_TB1 80156	35.62 2.26 0.00	30.28 1.72 0.00	28.62 1.65 0.00	27.75 1.61 0.00	30.30 1.75 0.00	29.52 1.86 0.00	46.49 3.31 0.00	38.09 2.74 0.00	41.91 2.52 0.00	42.00 1.88 0.00	38.43 1.52 0.00	37.04 1.47 0.00	41.49 1.84 0.00	43.04 2.44 0.00	43.34 2.52 0.00	43.50 2.87 0.00	53.26 3.70 0.00	52.02 4.13 -0.03	50.19 4.41 0.00	47.07 3.96 0.00	41.64 3.11 0.00	36.68 2.25 0.00	38.33 2.17 0.00	44.12 2.33 0.00
ERIE_ST_34_KV_TB1-2 80199	34.18 0.82 0.00	29.04 0.48 0.00	27.39 0.42 0.00	26.58 0.44 0.00	29.05 0.50 0.00	28.39 0.73 0.00	44.07 0.89 0.00	35.84 0.49 0.00	39.32 -0.07 0.00	40.39 0.27 0.00	37.28 0.37 0.00	35.90 0.33 0.00	39.91 0.25 0.00	41.76 1.15 0.00	42.35 1.53 0.00	42.20 1.56 0.00	51.80 2.24 0.00	49.98 2.11 -0.02	46.66 0.86 -0.02	43.53 0.42 0.00	39.03 0.50 0.00	34.57 0.15 0.00	36.87 0.70 0.00	42.78 1.00 0.00
ERIE_WT_PWR 323693	33.52 0.15 0.00	28.49 -0.06 0.00	26.87 -0.10 0.00	26.06 -0.08 0.00	28.48 -0.07 0.00	27.87 0.21 0.00	43.22 0.03 0.00	35.06 -0.29 0.00	38.46 -0.93 0.00	39.51 -0.61 0.00	36.46 -0.45 0.00	35.14 -0.43 0.00	39.20 -0.46 0.00	40.99 0.39 0.00	41.58 0.75 0.00	41.37 0.74 0.00	50.82 1.26 0.00	49.05 1.18 0.00	45.83 0.05 0.00	42.94 -0.16 0.00	38.55 0.01 0.00	34.16 -0.27 0.00	36.52 0.36 0.00	42.36 0.57 0.00
ESPRGFLD_115KV_TB1 80157	34.90 1.54 0.00	29.72 1.16 0.00	28.12 1.14 0.00	27.30 1.16 0.00	29.80 1.25 0.00	28.92 1.26 0.00	45.44 2.26 0.00	37.19 1.84 0.00	41.06 1.66 0.00	41.48 1.36 0.00	38.05 1.15 0.00	36.71 1.14 0.00	41.05 1.39 0.00	42.37 1.76 0.00	42.65 1.82 0.00	42.43 1.80 0.00	51.96 2.40 0.00	50.55 2.70 0.00	48.51 2.73 0.00	45.63 2.52 0.00	40.64 2.11 0.00	36.13 1.74 0.03	37.92 1.78 0.02	43.80 2.02 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.97 0.60 0.00	28.93 0.38 0.00	27.32 0.35 0.00	26.49 0.35 0.00	28.96 0.40 0.00	28.13 0.47 0.00	44.05 0.86 0.00	36.09 0.73 0.00	39.90 0.50 0.00	40.40 0.28 0.00	37.07 0.16 0.00	35.70 0.13 0.00	39.88 0.23 0.00	41.21 0.60 0.00	41.59 0.76 0.00	41.51 0.88 0.00	50.83 1.27 0.00	49.49 1.60 -0.04	47.41 1.63 0.00	44.50 1.39 0.00	39.68 1.15 0.00	35.19 0.77 0.00	36.93 0.76 0.00	42.65 0.86 0.00
ETNA____115KV_TB2 80207	33.97 0.60 0.00	28.93 0.38 0.00	27.32 0.35 0.00	26.49 0.35 0.00	28.96 0.40 0.00	28.13 0.47 0.00	44.05 0.86 0.00	36.09 0.73 0.00	39.90 0.50 0.00	40.40 0.28 0.00	37.07 0.16 0.00	35.70 0.13 0.00	39.88 0.23 0.00	41.21 0.60 0.00	41.59 0.76 0.00	41.51 0.88 0.00	50.83 1.27 0.00	49.49 1.60 -0.04	47.41 1.63 0.00	44.50 1.39 0.00	39.68 1.15 0.00	35.19 0.77 0.00	36.93 0.76 0.00	42.65 0.86 0.00
EUCLID____115KV_TB2 356179	32.89 -0.48 0.00	28.08 -0.48 0.00	26.51 -0.46 0.00	25.70 -0.45 0.00	28.08 -0.48 0.00	27.25 -0.40 0.00	42.52 -0.66 0.00	34.73 -0.62 0.00	38.52 -0.87 0.00	39.23 -0.89 0.00	36.13 -0.77 0.00	34.83 -0.74 0.00	38.93 -0.73 0.00	40.06 -0.55 0.00	40.39 -0.44 0.00	40.26 -0.37 0.00	49.19 -0.37 0.00	47.65 -0.24 -0.04	45.45 -0.33 0.00	42.70 -0.41 0.00	38.13 -0.40 0.00	33.95 -0.48 0.00	35.69 -0.48 0.00	41.33 -0.45 0.00
E_CANADA_CAP_HY 24051	35.29 1.92 0.00	30.10 1.54 0.00	28.44 1.47 0.00	27.60 1.46 0.00	30.13 1.58 0.00	29.29 1.63 0.00	45.97 2.79 0.00	37.58 2.23 0.00	41.43 2.03 0.00	41.60 1.48 0.00	37.96 1.05 0.00	36.49 0.92 0.00	40.75 1.09 0.00	42.08 1.47 0.00	42.37 1.55 0.00	42.14 1.50 0.00	51.75 2.19 0.00	50.58 2.72 0.00	48.81 3.03 0.00	46.07 2.97 0.00	41.03 2.50 0.00	36.53 2.16 0.05	38.37 2.25 0.04	44.34 2.56 0.00
E_CANADA_MHWK_HY 24050	33.64 0.28 0.00	28.71 0.15 0.00	27.13 0.16 0.00	26.23 0.09 0.00	28.70 0.15 0.00	27.68 0.02 0.00	43.37 0.19 0.00	35.91 0.55 0.00	39.82 0.43 0.00	39.78 -0.33 0.00	36.00 -0.90 0.00	34.69 -0.89 0.00	38.67 -0.99 0.00	39.84 -0.76 0.00	40.00 -0.82 0.00	39.98 -0.65 0.00	48.72 -0.84 0.00	47.97 0.11 0.00	46.69 0.91 0.00	43.98 0.87 0.00	39.45 0.92 0.00	34.96 0.54 0.00	36.39 0.23 0.00	41.69 -0.09 0.00
E_FISHKILL____LBMP 23776	34.58 1.22 0.00	29.51 0.95 0.00	27.82 0.85 0.00	26.92 0.78 0.00	29.37 0.82 0.00	28.48 0.82 0.00	44.61 1.43 0.00	36.78 1.42 0.00	40.97 1.57 0.00	41.65 1.53 0.00	38.39 1.49 0.00	37.07 1.49 0.00	41.25 1.60 0.00	42.42 1.81 0.00	42.76 1.94 0.00	42.56 1.93 0.00	51.87 2.31 0.00	50.20 2.34 0.00	47.85 2.07 0.00	44.91 1.80 0.00	40.09 1.55 0.00	35.85 1.33 -0.09	37.53 1.30 -0.06	43.14 1.36 0.00
FALCON____SEABRD_CC1 323796	34.59 1.22 0.00	29.53 0.97 0.00	27.90 0.93 0.00	27.02 0.88 0.00	29.55 1.01 0.00	28.72 1.06 0.00	44.76 1.58 0.00	36.96 1.61 0.00	41.07 1.68 0.00	41.89 1.77 0.00	38.27 1.37 0.00	36.78 1.20 0.00	40.97 1.31 0.00	41.76 1.16 0.00	41.94 1.12 0.00	41.67 1.04 0.00	51.14 1.58 0.00	49.16 1.30 0.00	47.20 1.42 0.00	44.04 0.94 0.00	39.50 0.97 0.00	35.07 0.65 0.00	36.96 0.80 0.00	42.90 1.12 0.00

FALCON___SEABRD_CC2 323797	34.59 1.22 0.00	29.53 0.97 0.00	27.90 0.93 0.00	27.02 0.88 0.00	29.55 1.01 0.00	28.72 1.06 0.00	44.76 1.58 0.00	36.96 1.61 0.00	41.07 1.68 0.00	41.89 1.77 0.00	38.27 1.37 0.00	36.78 1.20 0.00	40.97 1.31 0.00	41.76 1.16 0.00	41.94 1.12 0.00	41.67 1.04 0.00	51.14 1.58 0.00	49.16 1.30 0.00	47.20 1.42 0.00	44.04 0.94 0.00	39.50 0.97 0.00	35.07 0.65 0.00	36.96 0.80 0.00	42.90 1.12 0.00
FAR ROCKAWAY___4 23548	35.82 2.46 0.00	30.58 2.02 0.00	28.76 1.79 0.00	27.76 1.61 0.00	30.28 1.73 0.00	29.44 1.79 0.00	46.67 2.98 -0.51	44.65 2.90 -6.40	42.50 3.11 0.00	43.06 2.94 0.00	39.58 2.68 0.00	38.31 2.73 0.00	42.64 2.99 0.00	43.97 3.36 0.00	44.24 3.42 0.00	44.13 3.49 0.00	53.72 4.15 0.00	52.03 4.18 0.00	49.44 3.65 0.00	46.47 3.37 0.00	41.46 2.93 0.00	37.16 2.64 -0.09	38.80 2.57 -0.06	44.51 2.73 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.19 1.83 0.00	29.98 1.42 0.00	28.23 1.25 0.00	27.30 1.16 0.00	29.76 1.21 0.00	28.90 1.25 0.00	45.32 2.14 0.00	37.45 2.10 0.00	41.72 2.33 0.00	42.40 2.28 0.00	39.15 2.25 0.00	37.84 2.26 0.00	42.10 2.44 0.00	43.34 2.74 0.00	43.69 2.86 0.00	43.49 2.86 0.00	53.02 3.46 0.00	51.26 3.40 0.00	48.74 2.95 0.00	45.69 2.59 0.00	40.82 2.29 0.00	36.55 2.04 -0.09	38.29 2.06 -0.06	44.02 2.23 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.22 1.85 0.00	30.00 1.44 0.00	28.24 1.27 0.00	27.32 1.18 0.00	29.77 1.22 0.00	28.92 1.27 0.00	45.35 2.17 0.00	37.47 2.12 0.00	41.74 2.35 0.00	42.41 2.29 0.00	39.17 2.26 0.00	37.86 2.29 0.00	42.11 2.45 0.00	43.36 2.76 0.00	43.71 2.89 0.00	43.51 2.87 0.00	53.05 3.49 0.00	51.28 3.43 0.00	48.76 2.98 0.00	45.72 2.61 0.00	40.85 2.32 0.00	36.58 2.07 -0.09	38.31 2.08 -0.06	44.06 2.27 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.17 1.81 0.00	29.97 1.41 0.00	28.21 1.24 0.00	27.29 1.15 0.00	29.74 1.20 0.00	28.89 1.24 0.00	45.30 2.12 0.00	37.43 2.08 0.00	41.71 2.32 0.00	42.37 2.25 0.00	39.14 2.23 0.00	37.83 2.25 0.00	42.07 2.41 0.00	43.32 2.72 0.00	43.67 2.84 0.00	43.46 2.83 0.00	53.00 3.44 0.00	51.23 3.37 0.00	48.70 2.92 0.00	45.67 2.57 0.00	40.79 2.26 0.00	36.54 2.03 -0.09	38.27 2.04 -0.06	44.00 2.21 0.00
FARRAGUT___LBMP 323566	35.15 1.79 0.00	29.95 1.39 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.73 1.18 0.00	28.87 1.21 0.00	45.26 2.08 0.00	37.40 2.05 0.00	41.66 2.27 0.00	42.33 2.21 0.00	39.09 2.19 0.00	37.78 2.21 0.00	42.03 2.37 0.00	43.27 2.66 0.00	43.62 2.80 0.00	43.42 2.79 0.00	52.92 3.36 0.00	51.17 3.32 0.00	48.65 2.87 0.00	45.63 2.52 0.00	40.76 2.22 0.00	36.51 1.99 -0.09	38.23 2.01 -0.06	43.97 2.19 0.00
FENNER___WINDPWR 24204	34.03 0.66 0.00	29.02 0.46 0.00	27.39 0.42 0.00	26.56 0.41 0.00	28.99 0.44 0.00	28.14 0.49 0.00	44.13 0.95 0.00	36.08 0.73 0.00	39.98 0.59 0.00	40.57 0.45 0.00	37.25 0.35 0.00	35.91 0.34 0.00	40.11 0.45 0.00	41.28 0.68 0.00	41.62 0.80 0.00	41.48 0.84 0.00	50.72 1.16 0.00	49.30 1.41 -0.04	47.22 1.44 0.00	44.39 1.28 0.00	39.54 1.00 0.00	35.12 0.70 0.00	36.81 0.65 0.00	42.48 0.70 0.00
FIBERTEK___ENERGY 23856	33.21 -0.16 0.00	28.33 -0.22 0.00	26.75 -0.22 0.00	25.94 -0.21 0.00	28.36 -0.19 0.00	27.53 -0.12 0.00	43.01 -0.17 0.00	35.12 -0.23 0.00	38.96 -0.43 0.00	39.67 -0.45 0.00	36.54 -0.37 0.00	35.20 -0.37 0.00	39.34 -0.31 0.00	40.51 -0.09 0.00	40.88 0.06 0.00	40.73 0.10 0.00	49.81 0.25 0.00	48.34 0.40 -0.08	46.04 0.26 0.00	43.24 0.13 0.00	38.59 0.06 0.00	34.33 -0.10 0.00	36.08 -0.08 0.00	41.76 -0.02 0.00
FITZPATRICK____ 23598	32.41 -0.95 0.00	27.70 -0.86 0.00	26.16 -0.81 0.00	25.36 -0.78 0.00	27.70 -0.85 0.00	26.87 -0.79 0.00	41.89 -1.29 0.00	34.18 -1.17 0.00	37.95 -1.45 0.00	38.64 -1.48 0.00	35.59 -1.32 0.00	34.30 -1.27 0.00	38.31 -1.35 0.00	39.37 -1.23 0.00	39.67 -1.15 0.00	39.54 -1.09 0.00	48.25 -1.31 0.00	46.23 -1.18 0.44	44.59 -1.19 0.00	41.92 -1.18 0.00	37.47 -1.06 0.00	33.38 -1.04 0.00	35.11 -1.05 0.00	40.70 -1.08 0.00
FLOWRFLD_69_KV_BK1 356044	34.26 0.90 0.00	29.71 1.15 0.00	27.92 0.94 0.00	26.82 0.84 0.17	29.33 0.82 0.03	28.63 0.98 0.00	45.22 1.53 -0.51	43.70 1.94 -6.40	41.52 2.13 0.00	42.01 1.89 0.00	38.20 1.29 0.00	37.16 1.58 0.00	41.45 1.79 0.00	42.86 2.26 0.00	42.94 2.12 0.00	42.87 2.23 0.00	51.66 2.10 0.00	50.36 2.51 0.00	47.74 1.95 0.00	45.45 2.34 0.00	40.55 2.02 0.00	36.37 1.85 -0.09	37.84 1.61 -0.06	43.38 1.60 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.95 1.59 0.00	29.81 1.25 0.00	28.08 1.11 0.00	27.19 1.04 0.00	29.65 1.10 0.00	28.77 1.11 0.00	45.11 1.93 0.00	37.20 1.85 0.00	41.42 2.03 0.00	42.10 1.98 0.00	38.81 1.90 0.00	37.49 1.92 0.00	41.79 2.13 0.00	42.98 2.38 0.00	43.34 2.52 0.00	43.18 2.55 0.00	52.71 3.15 0.00	51.03 3.18 0.00	48.64 2.86 0.00	45.62 2.52 0.00	40.67 2.14 0.00	36.31 1.82 -0.07	37.98 1.77 -0.05	43.64 1.86 0.00
FORT ORANGE____ 23900	34.03 0.67 0.00	29.12 0.56 0.00	27.51 0.54 0.00	26.63 0.49 0.00	29.11 0.56 0.00	28.15 0.49 0.00	43.97 0.79 0.00	36.14 0.79 0.00	40.23 0.83 0.00	40.99 0.87 0.00	37.62 0.72 0.00	36.18 0.60 0.00	40.19 0.53 0.00	41.24 0.64 0.00	41.58 0.76 0.00	41.44 0.81 0.00	50.50 0.94 0.00	49.04 1.18 0.00	47.04 1.26 0.00	44.21 1.11 0.00	39.48 0.95 0.00	35.08 0.73 0.08	36.78 0.67 0.05	42.39 0.61 0.00
FORT_DRUM_COGEN 23780	34.85 1.49 0.00	29.67 1.11 0.00	28.01 1.04 0.00	27.15 1.00 0.00	29.67 1.12 0.00	28.84 1.18 0.00	45.31 2.13 0.00	36.89 1.54 0.00	40.57 1.18 0.00	40.87 0.75 0.00	37.37 0.46 0.00	35.91 0.33 0.00	40.12 0.46 0.00	41.22 0.61 0.00	41.53 0.70 0.00	41.51 0.88 0.00	51.19 1.63 0.00	50.20 2.27 -0.06	48.69 2.91 0.00	46.03 2.92 0.00	40.62 2.09 0.00	35.78 1.36 0.00	37.73 1.56 0.00	43.26 1.48 0.00
FOX_HILLS___ESR 323835	35.31 1.95 0.00	30.11 1.55 0.00	28.35 1.38 0.00	27.41 1.27 0.00	29.89 1.34 0.00	29.03 1.38 0.00	45.41 2.23 0.00	37.57 2.22 0.00	41.72 2.33 0.00	42.36 2.24 0.00	39.24 2.33 0.00	37.87 2.29 0.00	41.99 2.43 0.10	43.40 2.80 0.00	43.80 2.98 0.00	43.51 2.88 0.00	52.96 3.40 0.00	51.24 3.38 0.00	48.75 2.96 0.00	45.73 2.63 0.00	40.95 2.42 0.00	36.80 2.29 -0.09	38.44 2.21 -0.06	44.16 2.37 0.00
FPL FAR_ROCK_GT1 24212	35.82 2.46 0.00	30.58 2.02 0.00	28.76 1.79 0.00	27.76 1.61 0.00	30.28 1.73 0.00	29.44 1.79 0.00	46.66 2.97 -0.51	44.65 2.90 -6.40	42.50 3.11 0.00	43.06 2.94 0.00	39.58 2.68 0.00	38.31 2.73 0.00	42.64 2.98 0.00	43.97 3.36 0.00	44.24 3.42 0.00	44.12 3.49 0.00	53.71 4.15 0.00	52.04 4.18 0.00	49.44 3.66 0.00	46.47 3.37 0.00	41.46 2.93 0.00	37.16 2.64 -0.09	38.80 2.57 -0.06	44.50 2.72 0.00

FPL FAR_ROCK_GT2 23815	35.82 2.46 0.00	30.58 2.02 0.00	28.76 1.79 0.00	27.76 1.61 0.00	30.28 1.73 0.00	29.44 1.79 0.00	46.66 2.97 -0.51	44.65 2.90 -6.40	42.50 3.11 0.00	43.06 2.94 0.00	39.58 2.68 0.00	38.31 2.73 0.00	42.64 2.98 0.00	43.97 3.36 0.00	44.24 3.42 0.00	44.12 3.49 0.00	53.71 4.15 0.00	52.04 4.18 0.00	49.44 3.66 0.00	46.47 3.37 0.00	41.46 2.93 0.00	37.16 2.64 -0.09	38.80 2.57 -0.06	44.50 2.72 0.00
FRANKLIN_FALL_HYD 24054	34.06 0.70 0.00	29.16 0.60 0.00	27.53 0.56 0.00	26.68 0.53 0.00	29.14 0.60 0.00	28.28 0.63 0.00	44.19 1.01 0.00	36.31 0.96 0.00	40.40 1.01 0.00	41.11 0.98 0.00	37.61 0.71 0.00	36.19 0.62 0.00	40.33 0.67 0.00	41.06 0.46 0.00	41.18 0.36 0.00	40.86 0.22 0.00	50.07 0.51 0.00	48.27 0.41 0.00	46.43 0.65 0.00	43.71 0.61 0.00	39.12 0.59 0.00	34.97 0.55 0.00	36.86 0.70 0.00	42.61 0.83 0.00
FREEPORT_EQUUS_GT1 23764	35.46 2.10 0.00	30.31 1.75 0.00	28.50 1.52 0.00	27.49 1.35 0.00	30.00 1.46 0.00	29.19 1.53 0.00	46.21 2.51 -0.51	44.31 2.55 -6.40	42.13 2.74 0.00	42.67 2.55 0.00	39.12 2.21 0.00	37.88 2.30 0.00	42.13 2.48 0.00	43.43 2.83 0.00	43.69 2.86 0.00	43.55 2.92 0.00	52.76 3.20 0.00	51.33 3.48 0.00	48.75 2.96 0.00	45.90 2.80 0.00	40.98 2.45 0.00	36.75 2.23 -0.09	38.35 2.13 -0.06	43.99 2.21 0.00
FREEPORT___CT2 23818	35.46 2.10 0.00	30.31 1.75 0.00	28.50 1.52 0.00	27.49 1.35 0.00	30.00 1.46 0.00	29.19 1.53 0.00	46.21 2.51 -0.51	44.31 2.55 -6.40	42.13 2.74 0.00	42.67 2.55 0.00	39.12 2.21 0.00	37.88 2.30 0.00	42.13 2.48 0.00	43.43 2.83 0.00	43.69 2.86 0.00	43.55 2.92 0.00	52.76 3.20 0.00	51.33 3.48 0.00	48.75 2.96 0.00	45.90 2.80 0.00	40.98 2.45 0.00	36.75 2.23 -0.09	38.35 2.13 -0.06	43.99 2.21 0.00
FRESHKLS_33_KV_LOAD 356253	35.34 1.98 0.00	30.15 1.60 0.00	28.39 1.42 0.00	27.45 1.31 0.00	29.93 1.38 0.00	29.08 1.42 0.00	45.43 2.25 0.00	37.59 2.24 0.00	41.70 2.31 0.00	42.33 2.21 0.00	39.22 2.31 0.00	37.83 2.25 0.00	41.91 2.36 0.10	43.34 2.74 0.00	43.76 2.94 0.00	43.48 2.85 0.00	52.95 3.39 0.00	51.27 3.42 0.00	48.80 3.02 0.00	45.78 2.68 0.00	40.99 2.46 0.00	36.81 2.29 -0.09	38.38 2.15 -0.06	44.08 2.30 0.00
FULTON COGEN____ 23766	32.79 -0.58 0.00	28.01 -0.55 0.00	26.44 -0.53 0.00	25.63 -0.51 0.00	28.01 -0.53 0.00	27.18 -0.47 0.00	42.42 -0.76 0.00	34.64 -0.71 0.00	38.42 -0.97 0.00	39.07 -1.05 0.00	35.95 -0.95 0.00	34.64 -0.93 0.00	38.68 -0.98 0.00	39.82 -0.78 0.00	40.14 -0.69 0.00	40.04 -0.59 0.00	48.91 -0.65 0.00	47.54 -0.46 -0.15	45.39 -0.39 0.00	42.61 -0.49 0.00	38.04 -0.49 0.00	33.86 -0.56 0.00	35.59 -0.58 0.00	41.22 -0.56 0.00
FULTON___LFGE 323630	35.33 1.97 0.00	30.15 1.59 0.00	28.46 1.49 0.00	27.60 1.45 0.00	30.13 1.58 0.00	29.25 1.60 0.00	45.95 2.76 0.00	37.65 2.30 0.00	41.50 2.11 0.00	41.46 1.34 0.00	37.43 0.53 0.00	35.97 0.40 0.00	40.03 0.37 0.00	41.33 0.72 0.00	41.63 0.81 0.00	41.46 0.83 0.00	50.99 1.43 0.00	50.27 2.42 0.00	48.93 3.15 0.00	46.25 3.15 0.00	41.23 2.69 0.00	36.63 2.27 0.06	38.43 2.31 0.04	44.31 2.53 0.00
G.F.CEMENT___DRP 24184	35.46 2.10 0.00	30.29 1.73 0.00	28.64 1.67 0.00	27.75 1.61 0.00	30.35 1.80 0.00	29.40 1.74 0.00	45.91 2.73 0.00	37.83 2.48 0.00	42.26 2.87 0.00	43.06 2.94 0.00	39.40 2.50 0.00	37.70 2.13 0.00	41.78 2.12 0.00	42.96 2.36 0.00	43.38 2.56 0.00	43.34 2.70 0.00	53.01 3.45 0.00	51.54 3.68 0.00	49.50 3.72 0.00	46.61 3.50 0.00	41.67 3.14 0.00	36.90 2.57 0.09	38.74 2.65 0.06	44.56 2.77 0.00
GARDENVILLE___LBMP 24039	33.36 0.00 0.00	28.38 -0.18 0.00	26.75 -0.22 0.00	25.96 -0.18 0.00	28.36 -0.18 0.00	27.75 0.09 0.00	43.01 -0.17 0.00	34.92 -0.43 0.00	38.29 -1.10 0.00	39.33 -0.79 0.00	36.29 -0.62 0.00	34.98 -0.60 0.00	39.03 -0.63 0.00	40.82 0.22 0.00	41.36 0.54 0.00	41.18 0.55 0.00	50.59 1.03 0.00	48.78 0.92 0.00	45.64 -0.15 0.00	42.77 -0.33 0.00	38.40 -0.14 0.00	34.03 -0.39 0.00	36.37 0.20 0.00	42.22 0.43 0.00
GARDNVLA_35_KV_LD 355827	33.55 0.18 0.00	28.52 -0.04 0.00	26.89 -0.09 0.00	26.08 -0.07 0.00	28.50 -0.05 0.00	27.88 0.22 0.00	43.21 0.03 0.00	35.09 -0.26 0.00	38.48 -0.91 0.00	39.54 -0.58 0.00	36.49 -0.42 0.00	35.19 -0.39 0.00	39.26 -0.40 0.00	41.08 0.47 0.00	41.64 0.81 0.00	41.46 0.83 0.00	50.93 1.37 0.00	49.12 1.26 0.00	45.92 0.13 0.00	43.01 -0.09 0.00	38.61 0.08 0.00	34.21 -0.22 0.00	36.56 0.40 0.00	42.41 0.62 0.00
GELCKHM___115KV_LOAD 80723	33.01 -0.36 0.00	28.17 -0.39 0.00	26.60 -0.38 0.00	25.78 -0.36 0.00	28.18 -0.36 0.00	27.35 -0.30 0.00	42.70 -0.48 0.00	34.87 -0.48 0.00	38.68 -0.71 0.00	39.39 -0.73 0.00	36.28 -0.63 0.00	34.98 -0.60 0.00	39.09 -0.57 0.00	40.22 -0.38 0.00	40.57 -0.25 0.00	40.43 -0.21 0.00	49.43 -0.13 0.00	47.91 0.00 -0.05	45.72 -0.06 0.00	42.92 -0.19 0.00	38.31 -0.23 0.00	34.08 -0.34 0.00	35.84 -0.33 0.00	41.48 -0.30 0.00
GENERAL___MILLS 23808	33.50 0.13 0.00	28.49 -0.07 0.00	26.86 -0.11 0.00	26.05 -0.09 0.00	28.47 -0.08 0.00	27.85 0.19 0.00	43.17 -0.02 0.00	35.05 -0.30 0.00	38.43 -0.97 0.00	39.48 -0.64 0.00	36.43 -0.48 0.00	35.12 -0.46 0.00	39.17 -0.49 0.00	40.98 0.37 0.00	41.54 0.72 0.00	41.35 0.71 0.00	50.79 1.23 0.00	48.98 1.12 0.00	45.79 0.00 0.00	42.91 -0.20 0.00	38.52 -0.02 0.00	34.13 -0.29 0.00	36.49 0.32 0.00	42.33 0.55 0.00
GE_PLASTICS___DRP 24183	33.95 0.59 0.00	29.06 0.50 0.00	27.45 0.47 0.00	26.58 0.44 0.00	29.04 0.49 0.00	28.09 0.43 0.00	43.88 0.70 0.00	36.04 0.69 0.00	40.12 0.73 0.00	40.89 0.77 0.00	37.57 0.66 0.00	36.13 0.56 0.00	40.15 0.50 0.00	41.23 0.63 0.00	41.54 0.72 0.00	41.39 0.76 0.00	50.40 0.85 0.00	48.89 1.04 0.00	46.82 1.04 0.00	44.01 0.90 0.00	39.31 0.78 0.00	34.96 0.60 0.07	36.68 0.56 0.05	42.30 0.52 0.00
GILBOA___1 23756	33.96 0.60 0.00	29.02 0.46 0.00	27.55 0.57 0.00	26.81 0.67 0.00	29.24 0.69 0.00	28.06 0.40 0.00	43.88 0.70 0.00	36.06 0.71 0.00	40.12 0.72 0.00	40.82 0.70 0.00	37.58 0.68 0.00	36.25 0.67 0.00	40.37 0.71 0.00	41.51 0.91 0.00	41.76 0.94 0.00	41.51 0.88 0.00	50.24 0.68 0.00	48.63 0.77 0.00	46.56 0.78 0.00	43.70 0.59 0.00	39.26 0.73 0.00	35.09 0.63 -0.03	36.81 0.63 -0.02	42.44 0.66 0.00
GILBOA___2 23757	33.96 0.60 0.00	29.02 0.46 0.00	27.55 0.57 0.00	26.81 0.67 0.00	29.24 0.69 0.00	28.06 0.40 0.00	43.88 0.70 0.00	36.06 0.71 0.00	40.12 0.72 0.00	40.82 0.70 0.00	37.58 0.68 0.00	36.25 0.67 0.00	40.37 0.71 0.00	41.51 0.91 0.00	41.76 0.94 0.00	41.51 0.88 0.00	50.24 0.68 0.00	48.63 0.77 0.00	46.56 0.78 0.00	43.70 0.59 0.00	39.26 0.73 0.00	35.09 0.63 -0.03	36.81 0.63 -0.02	42.44 0.66 0.00

GILBOA___3 23758	33.96 0.60 0.00	29.02 0.46 0.00	27.55 0.57 0.00	26.81 0.67 0.00	29.24 0.69 0.00	28.06 0.40 0.00	43.88 0.70 0.00	36.06 0.71 0.00	40.12 0.72 0.00	40.82 0.70 0.00	37.58 0.68 0.00	36.25 0.67 0.00	40.37 0.71 0.00	41.51 0.91 0.00	41.76 0.94 0.00	41.51 0.88 0.00	50.24 0.68 0.00	48.63 0.77 0.00	46.56 0.78 0.00	43.70 0.59 0.00	39.26 0.73 0.00	35.09 0.63 -0.03	36.81 0.63 -0.02	42.44 0.66 0.00
GILBOA___4 23759	33.96 0.60 0.00	29.02 0.46 0.00	27.55 0.57 0.00	26.81 0.67 0.00	29.24 0.69 0.00	28.06 0.40 0.00	43.88 0.70 0.00	36.06 0.71 0.00	40.12 0.72 0.00	40.82 0.70 0.00	37.58 0.68 0.00	36.25 0.67 0.00	40.37 0.71 0.00	41.51 0.91 0.00	41.76 0.94 0.00	41.51 0.88 0.00	50.24 0.68 0.00	48.63 0.77 0.00	46.56 0.78 0.00	43.70 0.59 0.00	39.26 0.73 0.00	35.09 0.63 -0.03	36.81 0.63 -0.02	42.44 0.66 0.00
GILBOA___ 23599	33.96 0.60 0.00	29.02 0.47 0.00	27.55 0.57 0.00	26.81 0.67 0.00	29.24 0.69 0.00	28.06 0.40 0.00	43.88 0.70 0.00	36.06 0.71 0.00	40.12 0.73 0.00	40.82 0.70 0.00	37.58 0.67 0.00	36.25 0.67 0.00	40.37 0.71 0.00	41.51 0.91 0.00	41.76 0.94 0.00	41.51 0.87 0.00	50.25 0.69 0.00	48.63 0.77 0.00	46.56 0.78 0.00	43.70 0.59 0.00	39.26 0.73 0.00	35.09 0.64 -0.03	36.81 0.63 -0.02	42.44 0.66 0.00
GINNA___ 23603	31.66 -1.71 0.00	26.98 -1.58 0.00	25.44 -1.53 0.00	24.68 -1.47 0.00	26.96 -1.59 0.00	26.28 -1.38 0.00	40.92 -2.26 0.00	33.35 -2.01 0.00	36.77 -2.63 0.00	37.55 -2.57 0.00	34.63 -2.28 0.00	33.41 -2.17 0.00	37.37 -2.29 0.00	38.74 -1.86 0.00	39.17 -1.65 0.00	39.16 -1.48 0.00	48.07 -1.50 0.00	46.52 -1.34 0.00	44.06 -1.72 0.00	41.43 -1.67 0.00	37.03 -1.51 0.00	32.86 -1.56 0.00	34.75 -1.41 0.00	40.23 -1.55 0.00
GLEN PARK___ 23778	35.03 1.67 0.00	29.81 1.25 0.00	28.14 1.16 0.00	27.27 1.13 0.00	29.81 1.26 0.00	28.99 1.33 0.00	45.58 2.40 0.00	37.09 1.74 0.00	40.73 1.34 0.00	40.96 0.84 0.00	37.44 0.53 0.00	35.95 0.38 0.00	40.20 0.54 0.00	41.31 0.71 0.00	41.62 0.80 0.00	41.63 1.00 0.00	51.39 1.83 0.00	50.48 2.55 -0.07	49.06 3.27 0.00	46.41 3.31 0.00	40.95 2.42 0.00	36.05 1.63 0.00	37.98 1.82 0.00	43.55 1.76 0.00
GLENDALE_27_KV_LOAD 356172	35.36 2.00 0.00	30.14 1.58 0.00	28.37 1.39 0.00	27.43 1.28 0.00	29.89 1.35 0.00	29.06 1.40 0.00	45.58 2.40 0.00	37.70 2.35 0.00	42.00 2.60 0.00	42.68 2.56 0.00	39.43 2.52 0.00	38.11 2.53 0.00	42.37 2.71 0.00	43.64 3.04 0.00	43.98 3.16 0.00	43.73 3.10 0.00	53.24 3.68 0.00	51.47 3.62 0.00	48.91 3.13 0.00	45.88 2.78 0.00	41.03 2.50 0.00	36.77 2.26 -0.09	38.49 2.26 -0.06	44.25 2.47 0.00
GLENWOOD_IC_1_G1 23712	35.47 2.10 0.00	30.30 1.74 0.00	28.49 1.52 0.00	27.50 1.35 0.00	30.02 1.48 0.00	29.19 1.53 0.00	46.23 2.54 -0.51	44.31 2.55 -6.40	42.17 2.78 0.00	42.73 2.61 0.00	39.23 2.32 0.00	37.98 2.40 0.00	42.30 2.64 0.00	43.50 2.90 0.00	43.54 2.72 0.00	43.40 2.77 0.00	52.78 3.22 0.00	51.12 3.27 0.00	48.53 2.75 0.00	45.69 2.58 0.00	41.06 2.52 0.00	36.78 2.26 -0.09	38.40 2.17 -0.06	44.04 2.25 0.00
GLENWOOD_IC_2_G1 23688	35.38 2.01 0.00	30.22 1.66 0.00	28.42 1.45 0.00	27.44 1.30 0.00	29.94 1.40 0.00	29.11 1.45 0.00	46.11 2.42 -0.51	44.19 2.44 -6.40	42.04 2.65 0.00	42.61 2.49 0.00	39.11 2.20 0.00	37.86 2.28 0.00	42.14 2.48 0.00	43.41 2.80 0.00	43.60 2.78 0.00	43.45 2.82 0.00	52.84 3.28 0.00	51.20 3.34 0.00	48.62 2.84 0.00	45.75 2.65 0.00	40.92 2.39 0.00	36.67 2.15 -0.09	38.29 2.06 -0.06	43.94 2.16 0.00
GLENWOOD_IC_3_G1 23689	35.38 2.01 0.00	30.22 1.66 0.00	28.42 1.45 0.00	27.44 1.30 0.00	29.94 1.40 0.00	29.11 1.45 0.00	46.11 2.42 -0.51	44.19 2.44 -6.40	42.04 2.65 0.00	42.61 2.49 0.00	39.11 2.20 0.00	37.86 2.28 0.00	42.14 2.48 0.00	43.41 2.80 0.00	43.60 2.78 0.00	43.45 2.82 0.00	52.84 3.28 0.00	51.20 3.34 0.00	48.62 2.84 0.00	45.75 2.65 0.00	40.92 2.39 0.00	36.67 2.15 -0.09	38.29 2.06 -0.06	43.94 2.16 0.00
GLENWOOD___4 23550	35.47 2.10 0.00	30.30 1.74 0.00	28.49 1.52 0.00	27.50 1.35 0.00	30.02 1.48 0.00	29.19 1.53 0.00	46.23 2.54 -0.51	44.31 2.55 -6.40	42.17 2.78 0.00	42.73 2.61 0.00	39.23 2.32 0.00	37.98 2.40 0.00	42.30 2.64 0.00	43.53 2.93 0.00	43.65 2.83 0.00	43.50 2.87 0.00	52.89 3.33 0.00	51.24 3.38 0.00	48.65 2.87 0.00	45.79 2.69 0.00	41.06 2.52 0.00	36.78 2.26 -0.09	38.40 2.17 -0.06	44.04 2.25 0.00
GLENWOOD___5 23614	35.47 2.10 0.00	30.30 1.74 0.00	28.49 1.52 0.00	27.50 1.35 0.00	30.02 1.48 0.00	29.19 1.53 0.00	46.23 2.54 -0.51	44.31 2.55 -6.40	42.17 2.78 0.00	42.73 2.61 0.00	39.23 2.32 0.00	37.98 2.40 0.00	42.30 2.64 0.00	43.53 2.93 0.00	43.65 2.83 0.00	43.50 2.87 0.00	52.89 3.33 0.00	51.24 3.38 0.00	48.65 2.87 0.00	45.79 2.69 0.00	41.06 2.52 0.00	36.78 2.26 -0.09	38.40 2.17 -0.06	44.04 2.25 0.00
GLOBAL GREEN_PORT_GT1 23814	33.37 0.01 0.00	29.01 0.45 0.00	27.27 0.30 0.00	26.22 0.22 0.15	28.67 0.15 0.03	28.03 0.37 0.00	44.32 0.63 -0.51	42.99 1.24 -6.40	40.79 1.40 0.00	41.32 1.20 0.00	37.64 0.73 0.00	36.51 0.93 0.00	40.77 1.11 0.00	42.23 1.63 0.00	42.17 1.35 0.00	42.11 1.48 0.00	50.86 1.30 0.00	49.53 1.67 0.00	47.06 1.27 0.00	44.75 1.64 0.00	39.83 1.30 0.00	35.62 1.10 -0.09	37.04 0.81 -0.06	42.33 0.55 0.00
GLOBE___DSASP 323697	32.19 -1.17 0.00	27.54 -1.02 0.00	25.96 -1.01 0.00	25.22 -0.93 0.00	27.54 -1.01 0.00	26.93 -0.73 0.00	41.49 -1.69 0.00	33.40 -1.95 0.00	36.56 -2.83 0.00	37.59 -2.53 0.00	34.62 -2.28 0.00	33.37 -2.21 0.00	37.24 -2.42 0.00	38.93 -1.68 0.00	39.37 -1.45 0.00	39.24 -1.39 0.00	48.12 -1.44 0.00	46.33 -1.53 0.00	43.35 -2.43 0.00	40.82 -2.28 0.00	36.74 -1.79 0.00	32.69 -1.74 0.00	35.11 -1.05 0.00	41.07 -0.71 0.00
GOETHSLN___LBMP 323567	35.05 1.69 0.00	29.87 1.31 0.00	28.11 1.14 0.00	27.20 1.05 0.00	29.63 1.09 0.00	28.78 1.12 0.00	45.12 1.93 0.00	37.26 1.90 0.00	41.48 2.08 0.00	42.12 2.00 0.00	38.91 2.01 0.00	37.62 2.04 0.00	41.85 2.19 0.00	43.08 2.48 0.00	43.44 2.62 0.00	43.24 2.61 0.00	52.74 3.18 0.00	51.00 3.15 0.00	48.53 2.74 0.00	45.48 2.37 0.00	40.59 2.06 0.00	36.38 1.86 -0.09	38.07 1.84 -0.06	43.79 2.00 0.00
GOLAH___69_KV_TB 1_2 80279	33.37 0.00 0.00	28.36 -0.20 0.00	26.77 -0.20 0.00	25.95 -0.19 0.00	28.35 -0.19 0.00	27.73 0.08 0.00	43.06 -0.12 0.00	34.95 -0.40 0.00	38.39 -1.00 0.00	39.21 -0.91 0.00	36.10 -0.81 0.00	34.82 -0.76 0.00	38.93 -0.73 0.00	40.47 -0.13 0.00	40.94 0.12 0.00	40.89 0.26 0.00	50.24 0.68 0.00	48.73 0.87 0.00	46.03 0.25 0.00	43.37 0.27 0.00	38.82 0.28 0.00	34.44 0.01 0.00	36.53 0.36 0.00	42.34 0.55 0.00

GOODYEAR_LAKE_HYD 323669	34.48	29.38	27.80	27.00	29.45	28.51	44.75	36.70	40.66	41.26	37.96	36.65	40.95	42.22	42.51	42.32	51.63	50.11	47.92	44.96	40.12	35.68	37.41	43.16
	1.11	0.82	0.83	0.85	0.91	0.86	1.57	1.35	1.27	1.14	1.05	1.07	1.29	1.62	1.69	1.69	2.07	2.24	2.14	1.85	1.59	1.26	1.25	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.59	28.60	27.06	26.24	28.66	27.81	43.55	35.65	39.49	40.24	37.02	35.71	39.87	41.25	41.61	41.41	50.65	49.12	46.68	43.75	39.10	34.70	36.48	42.23
	0.22	0.05	0.08	0.10	0.12	0.16	0.37	0.29	0.10	0.11	0.11	0.13	0.21	0.65	0.79	0.77	1.08	1.23	0.90	0.65	0.57	0.27	0.31	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00
GOUDEY___7 23579	33.59	28.60	27.06	26.24	28.66	27.81	43.55	35.65	39.49	40.24	37.02	35.71	39.87	41.25	41.61	41.41	50.65	49.12	46.68	43.75	39.10	34.70	36.48	42.23
	0.22	0.05	0.08	0.10	0.12	0.16	0.37	0.29	0.10	0.11	0.11	0.13	0.21	0.65	0.79	0.77	1.08	1.23	0.90	0.65	0.57	0.27	0.31	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00
GOUDEY___8 23580	33.59	28.60	27.06	26.24	28.66	27.81	43.55	35.65	39.49	40.24	37.02	35.71	39.87	41.25	41.61	41.41	50.65	49.12	46.68	43.75	39.10	34.70	36.48	42.23
	0.22	0.05	0.08	0.10	0.12	0.16	0.37	0.29	0.10	0.11	0.11	0.13	0.21	0.65	0.79	0.77	1.08	1.23	0.90	0.65	0.57	0.27	0.31	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_1 24077	35.35	30.12	28.35	27.40	29.88	29.04	45.50	37.63	41.88	42.55	39.36	38.04	42.31	43.60	43.98	43.71	53.20	51.39	48.86	45.85	41.03	36.80	38.48	44.24
	1.99	1.56	1.38	1.26	1.33	1.38	2.32	2.28	2.48	2.43	2.45	2.47	2.65	3.00	3.16	3.08	3.63	3.54	3.08	2.74	2.49	2.28	2.26	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00
GOWANUS_GT1_2 24078	35.35	30.12	28.35	27.40	29.88	29.04	45.50	37.63	41.88	42.55	39.36	38.04	42.31	43.60	43.98	43.71	53.20	51.39	48.86	45.85	41.03	36.80	38.48	44.24
	1.99	1.56	1.38	1.26	1.33	1.38	2.32	2.28	2.48	2.43	2.45	2.47	2.65	3.00	3.16	3.08	3.63	3.54	3.08	2.74	2.49	2.28	2.26	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00
GOWANUS_GT1_3 24079	35.35	30.12	28.35	27.40	29.88	29.04	45.50	37.63	41.88	42.55	39.36	38.04	42.31	43.60	43.98	43.71	53.20	51.39	48.86	45.85	41.03	36.80	38.48	44.24
	1.99	1.56	1.38	1.26	1.33	1.38	2.32	2.28	2.48	2.43	2.45	2.47	2.65	3.00	3.16	3.08	3.63	3.54	3.08	2.74	2.49	2.28	2.26	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00
GOWANUS_GT1_4 24080	35.35	30.12	28.35	27.40	29.88	29.04	45.50	37.63	41.88	42.55	39.36	38.04	42.31	43.60	43.98	43.71	53.20	51.39	48.86	45.85	41.03	36.80	38.48	44.24
	1.99	1.56	1.38	1.26	1.33	1.38	2.32	2.28	2.48	2.43	2.45	2.47	2.65	3.00	3.16	3.08	3.63	3.54	3.08	2.74	2.49	2.28	2.26	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00
GOWANUS_GT1_5 24084	35.35	30.12	28.35	27.40	29.88	29.04	45.50	37.63	41.88	42.55	39.36	38.04	42.31	43.60	43.98	43.71	53.20	51.39	48.86	45.85	41.03	36.80	38.48	44.24
	1.99	1.56	1.38	1.26	1.33	1.38	2.32	2.28	2.48	2.43	2.45	2.47	2.65	3.00	3.16	3.08	3.63	3.54	3.08	2.74	2.49	2.28	2.26	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00
GOWANUS_GT1_6 24111	35.35	30.12	28.35	27.40	29.88	29.04	45.50	37.63	41.88	42.55	39.36	38.04	42.31	43.60	43.98	43.71	53.20	51.39	48.86	45.85	41.03	36.80	38.48	44.24
	1.99	1.56	1.38	1.26	1.33	1.38	2.32	2.28	2.48	2.43	2.45	2.47	2.65	3.00	3.16	3.08	3.63	3.54	3.08	2.74	2.49	2.28	2.26	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00
GOWANUS_GT1_7 24112	35.35	30.12	28.35	27.40	29.88	29.04	45.50	37.63	41.88	42.55	39.36	38.04	42.31	43.60	43.98	43.71	53.20	51.39	48.86	45.85	41.03	36.80	38.48	44.24
	1.99	1.56	1.38	1.26	1.33	1.38	2.32	2.28	2.48	2.43	2.45	2.47	2.65	3.00	3.16	3.08	3.63	3.54	3.08	2.74	2.49	2.28	2.26	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00
GOWANUS_GT1_8 24113	35.35	30.12	28.35	27.40	29.88	29.04	45.50	37.63	41.88	42.55	39.36	38.04	42.31	43.60	43.98	43.71	53.20	51.39	48.86	45.85	41.03	36.80	38.48	44.24
	1.99	1.56	1.38	1.26	1.33	1.38	2.32	2.28	2.48	2.43	2.45	2.47	2.65	3.00	3.16	3.08	3.63	3.54	3.08	2.74	2.49	2.28	2.26	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00
GOWANUS_GT2_1 24114	35.35	30.12	28.35	27.40	29.88	29.04	45.50	37.63	41.88	42.55	39.36	38.05	42.30	43.60	43.98	43.71	53.19	51.40	48.86	45.85	41.02	36.80	38.48	44.24
	1.99	1.56	1.38	1.26	1.33	1.38	2.32	2.28	2.48	2.43	2.45	2.47	2.64	3.00	3.16	3.08	3.63	3.54	3.08	2.75	2.49	2.28	2.25	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00
GOWANUS_GT2_2 24115	35.35	30.12	28.35	27.40	29.88	29.04	45.50	37.63	41.88	42.55	39.36	38.05	42.30	43.60	43.98	43.71	53.19	51.40	48.86	45.85	41.02	36.80	38.48	44.24
	1.99	1.56	1.38	1.26	1.33	1.38	2.32	2.28	2.48	2.43	2.45	2.47	2.64	3.00	3.16	3.08	3.63	3.54	3.08	2.75	2.49	2.28	2.25	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00
GOWANUS_GT2_3 24116	35.35	30.12	28.35	27.40	29.88	29.04	45.50	37.63	41.88	42.55	39.36	38.05	42.30	43.60	43.98	43.71	53.19	51.40	48.86	45.85	41.02	36.80	38.48	44.24
	1.99	1.56	1.38	1.26	1.33	1.38	2.32	2.28	2.48	2.43	2.45	2.47	2.64	3.00	3.16	3.08	3.63	3.54	3.08	2.75	2.49	2.28	2.25	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.06	0.00

GOWANUS_GT2_4 24117	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT2_5 24118	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT2_6 24119	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT2_7 24120	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT2_8 24121	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT3_1 24122	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT3_2 24123	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT3_3 24124	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT3_4 24125	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT3_5 24126	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT3_6 24127	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT3_7 24128	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT3_8 24129	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
GOWANUS_GT4_1 24130	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.04 2.47 0.00	42.31 2.65 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.20 3.63 0.00	51.39 3.54 0.00	48.86 3.08 0.00	45.85 2.74 0.00	41.03 2.49 0.00	36.80 2.28 -0.09	38.48 2.26 -0.06	44.24 2.46 0.00
GOWANUS_GT4_2 24131	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.04 2.47 0.00	42.31 2.65 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.20 3.63 0.00	51.39 3.54 0.00	48.86 3.08 0.00	45.85 2.74 0.00	41.03 2.49 0.00	36.80 2.28 -0.09	38.48 2.26 -0.06	44.24 2.46 0.00

GOWANUS_GT4_3 24132	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.04 2.47 0.00	42.31 2.65 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.20 3.63 0.00	51.39 3.54 0.00	48.86 3.08 0.00	45.85 2.74 0.00	41.03 2.49 0.00	36.80 2.28 -0.09	38.48 2.26 -0.06	44.24 2.46 0.00
GOWANUS_GT4_4 24133	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.04 2.47 0.00	42.31 2.65 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.20 3.63 0.00	51.39 3.54 0.00	48.86 3.08 0.00	45.85 2.74 0.00	41.03 2.49 0.00	36.80 2.28 -0.09	38.48 2.26 -0.06	44.24 2.46 0.00
GOWANUS_GT4_5 24134	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.04 2.47 0.00	42.31 2.65 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.20 3.63 0.00	51.39 3.54 0.00	48.86 3.08 0.00	45.85 2.74 0.00	41.03 2.49 0.00	36.80 2.28 -0.09	38.48 2.26 -0.06	44.24 2.46 0.00
GOWANUS_GT4_6 24135	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.04 2.47 0.00	42.31 2.65 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.20 3.63 0.00	51.39 3.54 0.00	48.86 3.08 0.00	45.85 2.74 0.00	41.03 2.49 0.00	36.80 2.28 -0.09	38.48 2.26 -0.06	44.24 2.46 0.00
GOWANUS_GT4_7 24136	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.04 2.47 0.00	42.31 2.65 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.20 3.63 0.00	51.39 3.54 0.00	48.86 3.08 0.00	45.85 2.74 0.00	41.03 2.49 0.00	36.80 2.28 -0.09	38.48 2.26 -0.06	44.24 2.46 0.00
GOWANUS_GT4_8 24137	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.04 2.47 0.00	42.31 2.65 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.20 3.63 0.00	51.39 3.54 0.00	48.86 3.08 0.00	45.85 2.74 0.00	41.03 2.49 0.00	36.80 2.28 -0.09	38.48 2.26 -0.06	44.24 2.46 0.00
GREENBSH_115KV_TB3 55895	33.83 0.47 0.00	28.97 0.41 0.00	27.36 0.39 0.00	26.49 0.35 0.00	28.95 0.40 0.00	27.99 0.34 0.00	43.71 0.53 0.00	35.92 0.57 0.00	40.00 0.61 0.00	40.77 0.65 0.00	37.46 0.56 0.00	36.05 0.48 0.00	40.07 0.41 0.00	41.14 0.54 0.00	41.46 0.63 0.00	41.30 0.67 0.00	50.30 0.74 0.00	48.76 0.90 0.00	46.69 0.91 0.00	43.86 0.76 0.00	39.19 0.65 0.00	34.82 0.48 0.08	36.53 0.42 0.06	42.14 0.35 0.00
GREENIDGE_115KV_TB5 80291	33.39 0.03 0.00	28.51 -0.04 0.00	26.91 -0.06 0.00	26.10 -0.05 0.00	28.58 0.03 0.00	27.87 0.22 0.00	43.39 0.20 0.00	35.66 0.31 0.00	39.16 -0.24 0.00	39.80 -0.32 0.00	36.70 -0.20 0.00	35.35 -0.22 0.00	39.20 -0.45 0.00	40.74 0.14 0.00	41.19 0.37 0.00	41.05 0.42 0.00	50.53 0.97 0.00	49.20 1.32 -0.03	46.79 1.01 0.00	43.85 0.74 0.00	39.13 0.60 0.00	34.81 0.38 0.00	36.66 0.49 0.00	42.21 0.43 0.00
GREENIDGE___3 23582	33.39 0.03 0.00	28.51 -0.04 0.00	26.91 -0.06 0.00	26.10 -0.05 0.00	28.58 0.03 0.00	27.87 0.22 0.00	43.39 0.20 0.00	35.66 0.31 0.00	39.16 -0.24 0.00	39.80 -0.32 0.00	36.70 -0.20 0.00	35.35 -0.22 0.00	39.20 -0.45 0.00	40.74 0.14 0.00	41.19 0.37 0.00	41.05 0.42 0.00	50.53 0.97 0.00	49.20 1.32 -0.03	46.79 1.01 0.00	43.85 0.74 0.00	39.13 0.60 0.00	34.81 0.38 0.00	36.66 0.49 0.00	42.21 0.43 0.00
GREENIDGE___4 23583	33.39 0.03 0.00	28.51 -0.04 0.00	26.91 -0.07 0.00	26.10 -0.04 0.00	28.58 0.03 0.00	27.88 0.22 0.00	43.39 0.21 0.00	35.68 0.32 0.00	39.16 -0.24 0.00	39.80 -0.32 0.00	36.70 -0.20 0.00	35.35 -0.23 0.00	39.20 -0.46 0.00	40.75 0.14 0.00	41.19 0.37 0.00	41.05 0.42 0.00	50.53 0.97 0.00	49.20 1.32 -0.03	46.79 1.00 0.00	43.85 0.74 0.00	39.13 0.60 0.00	34.81 0.39 0.00	36.66 0.50 0.00	42.21 0.42 0.00
GREENLWN_69_KV_BK 3 55738	34.96 1.60 0.00	30.01 1.45 0.00	28.20 1.23 0.00	27.18 1.02 -0.02	29.70 1.15 0.00	28.88 1.23 0.00	45.66 1.97 -0.51	43.89 2.14 -6.40	41.66 2.26 0.00	42.17 2.05 0.00	38.43 1.53 0.00	37.22 1.64 0.00	41.44 1.78 0.00	42.75 2.14 0.00	42.89 2.07 0.00	42.76 2.13 0.00	51.94 2.38 0.00	50.36 2.50 0.00	47.81 2.03 0.00	45.10 1.99 0.00	40.29 1.75 0.00	36.19 1.68 -0.09	37.79 1.56 -0.06	43.39 1.61 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.04 2.47 0.00	42.31 2.65 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.20 3.63 0.00	51.39 3.54 0.00	48.86 3.08 0.00	45.85 2.74 0.00	41.03 2.49 0.00	36.80 2.28 -0.09	38.48 2.26 -0.06	44.24 2.46 0.00
GRISSOM___SOLAR 323813	35.26 1.90 0.00	30.10 1.54 0.00	28.42 1.44 0.00	27.55 1.40 0.00	30.07 1.52 0.00	29.19 1.53 0.00	45.81 2.63 0.00	37.55 2.20 0.00	41.40 2.01 0.00	41.32 1.20 0.00	37.18 0.27 0.00	35.75 0.17 0.00	39.73 0.07 0.00	40.97 0.36 0.00	41.28 0.46 0.00	41.13 0.50 0.00	50.55 0.99 0.00	49.98 2.12 0.00	48.77 2.98 0.00	46.12 3.02 0.00	41.13 2.59 0.00	36.54 2.17 0.06	38.34 2.21 0.04	44.20 2.41 0.00
GROVEVILLE___HYD 323602	34.95 1.59 0.00	29.81 1.25 0.00	28.08 1.11 0.00	27.19 1.04 0.00	29.65 1.10 0.00	28.77 1.11 0.00	45.11 1.93 0.00	37.20 1.85 0.00	41.42 2.03 0.00	42.10 1.98 0.00	38.81 1.90 0.00	37.49 1.92 0.00	41.79 2.13 0.00	42.98 2.38 0.00	43.34 2.52 0.00	43.18 2.55 0.00	52.71 3.15 0.00	51.03 3.18 0.00	48.64 2.86 0.00	45.62 2.52 0.00	40.67 2.14 0.00	36.31 1.82 -0.07	37.98 1.77 -0.05	43.64 1.86 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.21 -0.16 0.00	28.33 -0.22 0.00	26.75 -0.22 0.00	25.94 -0.21 0.00	28.36 -0.19 0.00	27.53 -0.12 0.00	43.01 -0.17 0.00	35.12 -0.23 0.00	38.96 -0.43 0.00	39.67 -0.45 0.00	36.54 -0.37 0.00	35.20 -0.37 0.00	39.34 -0.31 0.00	40.51 -0.09 0.00	40.88 0.06 0.00	40.73 0.10 0.00	49.81 0.25 0.00	48.34 0.40 -0.08	46.04 0.26 0.00	43.24 0.13 0.00	38.59 0.06 0.00	34.33 -0.10 0.00	36.08 -0.08 0.00	41.76 -0.02 0.00

HAMLTNNY_34_KV_TB 80303	33.19 -0.18 0.00	28.33 -0.23 0.00	26.75 -0.22 0.00	25.93 -0.22 0.00	28.33 -0.21 0.00	27.53 -0.12 0.00	43.03 -0.15 0.00	35.15 -0.20 0.00	38.98 -0.42 0.00	39.69 -0.43 0.00	36.56 -0.35 0.00	35.17 -0.40 0.00	39.32 -0.34 0.00	40.54 -0.06 0.00	40.91 0.09 0.00	40.74 0.11 0.00	49.90 0.34 0.00	48.42 0.48 -0.08	46.06 0.28 0.00	43.28 0.17 0.00	38.64 0.11 0.00	34.37 -0.06 0.00	36.14 -0.03 0.00	41.83 0.05 0.00
HAMPSHIRE___PAPER_HYD 323593	34.08 0.72 0.00	29.13 0.57 0.00	27.49 0.52 0.00	26.64 0.50 0.00	29.11 0.56 0.00	28.26 0.60 0.00	44.29 1.11 0.00	36.13 0.78 0.00	40.03 0.64 0.00	40.52 0.40 0.00	37.04 0.13 0.00	35.58 0.00 0.00	39.70 0.04 0.00	40.58 -0.03 0.00	40.78 -0.04 0.00	40.60 -0.03 0.00	49.84 0.28 0.00	48.51 0.62 -0.03	46.90 1.11 0.00	44.35 1.25 0.00	39.45 0.92 0.00	35.13 0.70 0.00	37.06 0.90 0.00	42.64 0.85 0.00
HARDSCRABBLE_WT_PWR 323673	32.98 -0.38 0.00	28.43 -0.13 0.00	27.12 0.15 0.00	26.36 0.22 0.00	28.78 0.23 0.00	27.77 0.12 0.00	43.24 0.06 0.00	35.42 0.07 0.00	39.51 0.12 0.00	40.26 0.14 0.00	37.15 0.24 0.00	35.92 0.34 0.00	40.00 0.34 0.00	41.05 0.44 0.00	41.29 0.47 0.00	41.04 0.40 0.00	50.01 0.45 0.00	48.41 0.56 0.00	46.39 0.61 0.00	43.52 0.41 0.00	38.50 -0.03 0.00	33.99 -0.43 0.00	35.66 -0.50 0.00	41.01 -0.78 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.68 1.32 0.00	29.58 1.02 0.00	27.87 0.90 0.00	26.95 0.81 0.00	29.40 0.85 0.00	28.53 0.87 0.00	44.74 1.56 0.00	36.87 1.52 0.00	41.06 1.67 0.00	41.73 1.62 0.00	38.49 1.59 0.00	37.21 1.63 0.00	41.55 1.89 0.00	42.79 2.19 0.00	43.13 2.31 0.00	42.98 2.35 0.00	52.50 2.94 0.00	50.86 3.00 0.00	48.46 2.68 0.00	45.40 2.29 0.00	40.43 1.90 0.00	36.08 1.58 -0.08	37.73 1.51 -0.05	43.37 1.59 0.00
HARSNRAD_115KV_TB1 81005	32.85 -0.51 0.00	27.96 -0.60 0.00	26.36 -0.62 0.00	25.59 -0.56 0.00	27.95 -0.60 0.00	27.35 -0.31 0.00	42.20 -0.98 0.00	34.21 -1.15 0.00	37.40 -1.99 0.00	38.39 -1.73 0.00	35.35 -1.55 0.00	34.08 -1.50 0.00	38.02 -1.64 0.00	39.78 -0.82 0.00	40.27 -0.56 0.00	40.15 -0.48 0.00	49.29 -0.27 0.00	47.52 -0.33 0.00	44.47 -1.31 0.00	41.85 -1.25 0.00	37.62 -0.91 0.00	33.44 -0.99 0.00	35.84 -0.32 0.00	41.75 -0.03 0.00
HARZA MOOSE___RIVER 24016	34.45 1.09 0.00	29.41 0.85 0.00	27.75 0.78 0.00	26.91 0.76 0.00	29.38 0.83 0.00	28.53 0.88 0.00	44.77 1.59 0.00	36.52 1.17 0.00	40.39 0.99 0.00	40.90 0.78 0.00	37.48 0.58 0.00	36.09 0.51 0.00	40.27 0.61 0.00	41.32 0.71 0.00	41.62 0.80 0.00	41.52 0.89 0.00	50.95 1.39 0.00	49.67 1.79 -0.03	47.83 2.05 0.00	45.08 1.97 0.00	40.00 1.46 0.00	35.38 0.95 0.00	37.21 1.04 0.00	42.75 0.97 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.05 -0.32 0.00	28.20 -0.36 0.00	26.63 -0.35 0.00	25.82 -0.33 0.00	28.21 -0.34 0.00	27.38 -0.28 0.00	42.75 -0.43 0.00	34.91 -0.44 0.00	38.73 -0.67 0.00	39.43 -0.69 0.00	36.32 -0.58 0.00	35.02 -0.55 0.00	39.16 -0.50 0.00	40.32 -0.28 0.00	40.67 -0.15 0.00	40.55 -0.09 0.00	49.51 -0.04 0.00	48.01 0.11 -0.05	45.73 -0.06 0.00	42.95 -0.15 0.00	38.35 -0.19 0.00	34.12 -0.31 0.00	35.87 -0.30 0.00	41.53 -0.26 0.00
HELLGATE_13_KV_LD 55870	35.22 1.86 0.00	30.02 1.45 0.00	28.26 1.29 0.00	27.32 1.18 0.00	29.78 1.23 0.00	28.95 1.29 0.00	45.39 2.21 0.00	37.53 2.17 0.00	41.80 2.41 0.00	42.46 2.34 0.00	39.23 2.32 0.00	37.92 2.35 0.00	42.16 2.50 0.00	43.41 2.81 0.00	43.74 2.92 0.00	43.49 2.86 0.00	52.95 3.39 0.00	51.19 3.33 0.00	48.65 2.87 0.00	45.65 2.54 0.00	40.83 2.30 0.00	36.58 2.07 -0.09	38.30 2.08 -0.06	44.05 2.27 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.22 1.86 0.00	30.02 1.45 0.00	28.26 1.29 0.00	27.32 1.18 0.00	29.78 1.23 0.00	28.95 1.29 0.00	45.39 2.21 0.00	37.53 2.17 0.00	41.80 2.41 0.00	42.46 2.34 0.00	39.23 2.32 0.00	37.92 2.35 0.00	42.16 2.50 0.00	43.41 2.81 0.00	43.74 2.92 0.00	43.49 2.86 0.00	52.95 3.39 0.00	51.19 3.33 0.00	48.65 2.87 0.00	45.65 2.54 0.00	40.83 2.30 0.00	36.58 2.07 -0.09	38.30 2.08 -0.06	44.05 2.27 0.00
HEMPSTEAD____ 23647	35.26 1.89 0.00	30.13 1.58 0.00	28.34 1.36 0.00	27.36 1.21 0.00	29.85 1.31 0.00	29.02 1.37 0.00	45.96 2.27 -0.51	44.10 2.35 -6.40	41.93 2.54 0.00	42.48 2.36 0.00	38.96 2.05 0.00	37.72 2.15 0.00	41.97 2.32 0.00	43.25 2.65 0.00	43.44 2.62 0.00	43.30 2.67 0.00	52.59 3.03 0.00	51.00 3.14 0.00	48.42 2.64 0.00	45.60 2.49 0.00	40.77 2.24 0.00	36.55 2.03 -0.09	38.14 1.92 -0.06	43.75 1.97 0.00
HEWLETT_69_KV_BK3 55828	35.65 2.28 0.00	30.44 1.88 0.00	28.63 1.66 0.00	27.63 1.49 0.00	30.15 1.60 0.00	29.31 1.66 0.00	46.45 2.76 -0.51	44.47 2.72 -6.40	42.29 2.89 0.00	42.85 2.73 0.00	39.38 2.47 0.00	38.11 2.53 0.00	42.41 2.75 0.00	43.71 3.11 0.00	43.97 3.15 0.00	43.85 3.22 0.00	53.36 3.80 0.00	51.69 3.84 0.00	49.12 3.34 0.00	46.18 3.08 0.00	41.22 2.68 0.00	36.94 2.43 -0.09	38.58 2.36 -0.06	44.28 2.50 0.00
HICKLING___1 23621	33.55 0.18 0.00	28.52 -0.04 0.00	26.96 -0.02 0.00	26.15 0.01 0.00	28.62 0.07 0.00	27.92 0.26 0.00	43.76 0.57 0.00	35.79 0.43 0.00	39.45 0.06 0.00	40.25 0.13 0.00	37.05 0.14 0.00	35.72 0.14 0.00	39.84 0.18 0.00	41.53 0.92 0.00	41.97 1.15 0.00	41.74 1.10 0.00	51.26 1.71 0.00	49.78 1.90 -0.03	47.07 1.29 0.00	43.96 0.85 0.00	39.27 0.74 0.00	34.75 0.32 0.00	36.61 0.45 0.00	42.35 0.57 0.00
HICKLING___2 23622	33.55 0.18 0.00	28.52 -0.04 0.00	26.96 -0.02 0.00	26.15 0.01 0.00	28.62 0.07 0.00	27.92 0.26 0.00	43.76 0.57 0.00	35.79 0.43 0.00	39.45 0.06 0.00	40.25 0.13 0.00	37.05 0.14 0.00	35.72 0.14 0.00	39.84 0.18 0.00	41.53 0.92 0.00	41.97 1.15 0.00	41.74 1.10 0.00	51.26 1.71 0.00	49.78 1.90 -0.03	47.07 1.29 0.00	43.96 0.85 0.00	39.27 0.74 0.00	34.75 0.32 0.00	36.61 0.45 0.00	42.35 0.57 0.00
HIGH FALLS___HY 23754	34.62 1.25 0.00	29.48 0.92 0.00	27.78 0.81 0.00	26.89 0.74 0.00	29.31 0.76 0.00	28.44 0.78 0.00	44.66 1.48 0.00	36.85 1.50 0.00	41.03 1.63 0.00	41.63 1.51 0.00	38.37 1.47 0.00	37.06 1.49 0.00	41.38 1.72 0.00	42.51 1.91 0.00	42.88 2.06 0.00	42.72 2.09 0.00	52.21 2.65 0.00	50.60 2.75 0.00	48.27 2.49 0.00	45.28 2.18 0.00	40.36 1.83 0.00	36.01 1.54 -0.04	37.68 1.48 -0.03	43.32 1.53 0.00
HIGH_RIVER___SOLAR 323847	34.70 1.33 0.00	29.64 1.08 0.00	28.00 1.03 0.00	27.14 0.99 0.00	29.63 1.08 0.00	28.71 1.06 0.00	44.94 1.76 0.00	36.85 1.50 0.00	40.82 1.43 0.00	41.13 1.01 0.00	37.42 0.51 0.00	35.86 0.28 0.00	39.86 0.20 0.00	41.00 0.40 0.00	41.29 0.47 0.00	41.16 0.53 0.00	50.54 0.98 0.00	49.53 1.67 0.00	47.89 2.11 0.00	45.16 2.06 0.00	40.32 1.79 0.00	35.84 1.49 0.07	37.62 1.51 0.05	43.41 1.62 0.00

HILLBURN___GT 23639	34.60 1.23 0.00	29.51 0.95 0.00	27.79 0.81 0.00	26.88 0.74 0.00	29.32 0.77 0.00	28.45 0.80 0.00	44.62 1.44 0.00	36.78 1.43 0.00	40.96 1.57 0.00	41.64 1.52 0.00	38.41 1.50 0.00	37.11 1.54 0.00	41.42 1.76 0.00	42.66 2.06 0.00	43.03 2.21 0.00	42.86 2.22 0.00	52.35 2.79 0.00	50.68 2.82 0.00	48.26 2.48 0.00	45.20 2.09 0.00	40.25 1.72 0.00	35.95 1.45 -0.08	37.60 1.38 -0.06	43.24 1.46 0.00
HILLSIDE_115KV_TB1 80332	33.12 -0.25 0.00	28.14 -0.42 0.00	26.64 -0.33 0.00	25.83 -0.31 0.00	28.24 -0.30 0.00	27.48 -0.18 0.00	43.11 -0.08 0.00	35.28 -0.08 0.00	38.96 -0.43 0.00	39.75 -0.37 0.00	36.60 -0.31 0.00	35.34 -0.24 0.00	39.41 -0.25 0.00	41.04 0.44 0.00	41.47 0.64 0.00	41.18 0.55 0.00	50.55 0.99 0.00	49.05 1.17 -0.03	46.35 0.57 0.00	43.32 0.21 0.00	38.74 0.21 0.00	34.27 -0.15 0.00	36.09 -0.08 0.00	41.82 0.03 0.00
HISHELDN_WT_PWR 323625	33.10 -0.26 0.00	28.17 -0.39 0.00	26.57 -0.40 0.00	25.78 -0.36 0.00	28.22 -0.33 0.00	27.62 -0.04 0.00	42.90 -0.28 0.00	34.86 -0.49 0.00	38.26 -1.13 0.00	39.27 -0.85 0.00	36.20 -0.70 0.00	34.89 -0.68 0.00	38.93 -0.73 0.00	40.69 0.08 0.00	41.19 0.37 0.00	41.01 0.38 0.00	50.36 0.80 0.00	48.64 0.78 0.00	45.59 -0.20 0.00	42.73 -0.38 0.00	38.31 -0.22 0.00	33.96 -0.47 0.00	36.15 -0.01 0.00	41.93 0.14 0.00
HOLTSVILLE_IC_1 23690	33.91 0.54 0.00	29.46 0.91 0.00	27.70 0.72 0.00	26.65 0.66 0.15	29.11 0.59 0.03	28.41 0.76 0.00	44.83 1.13 -0.51	43.39 1.64 -6.40	41.18 1.79 0.00	41.66 1.54 0.00	37.87 0.96 0.00	36.85 1.27 0.00	41.10 1.44 0.00	42.49 1.89 0.00	42.54 1.72 0.00	42.45 1.82 0.00	51.27 1.71 0.00	49.94 2.08 0.00	47.44 1.66 0.00	45.09 1.99 0.00	40.24 1.71 0.00	36.12 1.60 -0.09	37.58 1.35 -0.06	43.12 1.34 0.00
HOLTSVILLE_IC_10 23699	34.10 0.74 0.00	29.61 1.05 0.00	27.83 0.85 0.00	26.77 0.77 0.14	29.25 0.73 0.03	28.54 0.89 0.00	45.06 1.37 -0.51	43.58 1.83 -6.40	41.40 2.01 0.00	41.88 1.76 0.00	38.08 1.17 0.00	37.05 1.48 0.00	41.33 1.67 0.00	42.74 2.13 0.00	42.80 1.98 0.00	42.73 2.09 0.00	51.60 2.04 0.00	50.27 2.41 0.00	47.72 1.94 0.00	45.38 2.28 0.00	40.48 1.95 0.00	36.30 1.79 -0.09	37.76 1.53 -0.06	43.30 1.52 0.00
HOLTSVILLE_IC_2 23691	33.91 0.54 0.00	29.46 0.91 0.00	27.70 0.72 0.00	26.65 0.66 0.15	29.11 0.59 0.03	28.41 0.76 0.00	44.83 1.13 -0.51	43.39 1.64 -6.40	41.18 1.79 0.00	41.66 1.54 0.00	37.87 0.96 0.00	36.85 1.27 0.00	41.10 1.44 0.00	42.49 1.89 0.00	42.54 1.72 0.00	42.45 1.82 0.00	51.27 1.71 0.00	49.94 2.08 0.00	47.44 1.66 0.00	45.09 1.99 0.00	40.24 1.71 0.00	36.12 1.60 -0.09	37.58 1.35 -0.06	43.12 1.34 0.00
HOLTSVILLE_IC_3 23692	33.91 0.54 0.00	29.46 0.91 0.00	27.70 0.72 0.00	26.65 0.66 0.15	29.11 0.59 0.03	28.41 0.76 0.00	44.83 1.13 -0.51	43.39 1.64 -6.40	41.18 1.79 0.00	41.66 1.54 0.00	37.87 0.96 0.00	36.85 1.27 0.00	41.10 1.44 0.00	42.49 1.89 0.00	42.54 1.72 0.00	42.45 1.82 0.00	51.27 1.71 0.00	49.94 2.08 0.00	47.44 1.66 0.00	45.09 1.99 0.00	40.24 1.71 0.00	36.12 1.60 -0.09	37.58 1.35 -0.06	43.12 1.34 0.00
HOLTSVILLE_IC_4 23693	33.91 0.54 0.00	29.46 0.91 0.00	27.70 0.72 0.00	26.65 0.66 0.15	29.11 0.59 0.03	28.41 0.76 0.00	44.83 1.13 -0.51	43.39 1.64 -6.40	41.18 1.79 0.00	41.66 1.54 0.00	37.87 0.96 0.00	36.85 1.27 0.00	41.10 1.44 0.00	42.49 1.89 0.00	42.54 1.72 0.00	42.45 1.82 0.00	51.27 1.71 0.00	49.94 2.08 0.00	47.44 1.66 0.00	45.09 1.99 0.00	40.24 1.71 0.00	36.12 1.60 -0.09	37.58 1.35 -0.06	43.12 1.34 0.00
HOLTSVILLE_IC_5 23694	33.91 0.54 0.00	29.46 0.91 0.00	27.70 0.72 0.00	26.65 0.66 0.15	29.11 0.59 0.03	28.41 0.76 0.00	44.83 1.13 -0.51	43.39 1.64 -6.40	41.18 1.79 0.00	41.66 1.54 0.00	37.87 0.96 0.00	36.85 1.27 0.00	41.10 1.44 0.00	42.49 1.89 0.00	42.54 1.72 0.00	42.45 1.82 0.00	51.27 1.71 0.00	49.94 2.08 0.00	47.44 1.66 0.00	45.09 1.99 0.00	40.24 1.71 0.00	36.12 1.60 -0.09	37.58 1.35 -0.06	43.12 1.34 0.00
HOLTSVILLE_IC_6 23695	34.10 0.74 0.00	29.61 1.05 0.00	27.83 0.85 0.00	26.77 0.77 0.14	29.25 0.73 0.03	28.54 0.89 0.00	45.06 1.37 -0.51	43.58 1.83 -6.40	41.40 2.01 0.00	41.88 1.76 0.00	38.08 1.17 0.00	37.05 1.48 0.00	41.33 1.67 0.00	42.74 2.13 0.00	42.80 1.98 0.00	42.73 2.09 0.00	51.60 2.04 0.00	50.27 2.41 0.00	47.72 1.94 0.00	45.38 2.28 0.00	40.48 1.95 0.00	36.30 1.79 -0.09	37.76 1.53 -0.06	43.30 1.52 0.00
HOLTSVILLE_IC_7 23696	34.10 0.74 0.00	29.61 1.05 0.00	27.83 0.85 0.00	26.77 0.77 0.14	29.25 0.73 0.03	28.54 0.89 0.00	45.06 1.37 -0.51	43.58 1.83 -6.40	41.40 2.01 0.00	41.88 1.76 0.00	38.08 1.17 0.00	37.05 1.48 0.00	41.33 1.67 0.00	42.74 2.13 0.00	42.80 1.98 0.00	42.73 2.09 0.00	51.60 2.04 0.00	50.27 2.41 0.00	47.72 1.94 0.00	45.38 2.28 0.00	40.48 1.95 0.00	36.30 1.79 -0.09	37.76 1.53 -0.06	43.30 1.52 0.00
HOLTSVILLE_IC_8 23697	34.10 0.74 0.00	29.61 1.05 0.00	27.83 0.85 0.00	26.77 0.77 0.14	29.25 0.73 0.03	28.54 0.89 0.00	45.06 1.37 -0.51	43.58 1.83 -6.40	41.40 2.01 0.00	41.88 1.76 0.00	38.08 1.17 0.00	37.05 1.48 0.00	41.33 1.67 0.00	42.74 2.13 0.00	42.80 1.98 0.00	42.73 2.09 0.00	51.60 2.04 0.00	50.27 2.41 0.00	47.72 1.94 0.00	45.38 2.28 0.00	40.48 1.95 0.00	36.30 1.79 -0.09	37.76 1.53 -0.06	43.30 1.52 0.00
HOLTSVILLE_IC_9 23698	34.10 0.74 0.00	29.61 1.05 0.00	27.83 0.85 0.00	26.77 0.77 0.14	29.25 0.73 0.03	28.54 0.89 0.00	45.06 1.37 -0.51	43.58 1.83 -6.40	41.40 2.01 0.00	41.88 1.76 0.00	38.08 1.17 0.00	37.05 1.48 0.00	41.33 1.67 0.00	42.74 2.13 0.00	42.80 1.98 0.00	42.73 2.09 0.00	51.60 2.04 0.00	50.27 2.41 0.00	47.72 1.94 0.00	45.38 2.28 0.00	40.48 1.95 0.00	36.30 1.79 -0.09	37.76 1.53 -0.06	43.30 1.52 0.00
HOMER_HL_115KV_TB2 355744	34.31 0.95 0.00	29.11 0.56 0.00	27.57 0.59 0.00	26.75 0.61 0.00	29.29 0.75 0.00	28.57 0.91 0.00	44.68 1.50 0.00	36.50 1.15 0.00	40.16 0.76 0.00	41.14 1.02 0.00	37.97 1.07 0.00	36.46 0.88 0.00	40.38 0.72 0.00	42.20 1.59 0.00	42.71 1.89 0.00	42.46 1.83 0.00	52.26 2.70 0.00	50.44 2.57 0.00	47.25 1.46 0.00	44.04 0.93 0.00	39.39 0.86 0.00	34.81 0.39 0.00	36.95 0.78 0.00	42.85 1.07 0.00
HOWARD_WT_PWR 323690	34.07 0.70 0.00	28.95 0.39 0.00	27.19 0.22 0.00	26.46 0.32 0.00	29.44 0.89 0.00	28.95 1.29 0.00	45.55 2.37 0.00	37.40 2.05 0.00	40.98 1.58 0.00	41.60 1.48 0.00	38.12 1.21 0.00	36.59 1.01 0.00	40.74 1.08 0.00	42.58 1.98 0.00	43.19 2.37 0.00	42.94 2.31 0.00	53.03 3.47 0.00	51.59 3.71 -0.02	48.69 2.90 0.00	45.32 2.22 0.00	40.21 1.68 0.00	35.51 1.09 0.00	37.53 1.36 0.00	43.03 1.24 0.00

HQ_GEN_CEDARS 23644	33.55 0.19 0.00	28.81 0.25 0.00	27.19 0.22 0.00	26.35 0.21 0.00	28.78 0.23 0.00	27.90 0.24 0.00	43.56 0.37 0.00	35.59 0.24 0.00	39.78 0.38 0.00	40.45 0.33 0.00	37.08 0.17 0.00	35.72 0.15 0.00	39.81 0.15 0.00	40.54 -0.06 0.00	40.62 -0.21 0.00	40.25 -0.39 0.00	49.22 -0.34 0.00	47.45 -0.41 0.00	45.58 -0.20 0.00	43.09 -0.02 0.00	38.58 0.05 0.00	34.60 0.17 0.00	36.45 0.28 0.00	42.14 0.35 0.00
HQ_GEN_CEDARS_PROXY 323590	33.56 0.19 0.00	28.81 0.25 0.00	27.19 0.22 0.00	26.35 0.21 0.00	28.78 0.23 0.00	27.90 0.24 0.00	43.55 0.37 0.00	35.59 0.24 0.00	39.78 0.38 0.00	40.45 0.33 0.00	37.08 0.17 0.00	35.72 0.15 0.00	39.81 0.15 0.00	40.54 -0.06 0.00	40.62 -0.21 0.00	40.25 -0.39 0.00	49.22 -0.34 0.00	47.45 -0.41 0.00	45.58 -0.20 0.00	43.09 -0.02 0.00	38.58 0.05 0.00	34.60 0.17 0.00	36.45 0.29 0.00	42.14 0.35 0.00
HQ_GEN_IMPORT 323601	33.33 -0.04 0.00	28.59 0.03 0.00	27.00 0.03 0.00	26.17 0.03 0.00	28.58 0.03 0.00	27.68 0.03 0.00	43.22 0.04 0.00	35.36 0.00 0.00	39.55 0.15 0.00	40.30 0.18 0.00	37.05 0.14 0.00	35.71 0.14 0.00	38.61 0.14 1.19	40.86 -0.09 -0.35	41.31 -0.21 -0.70	38.86 -0.27 1.50	54.14 -0.32 -4.90	47.38 -0.47 0.00	45.39 -0.40 0.00	42.85 -0.26 0.00	38.34 -0.19 0.00	34.39 -0.04 0.00	36.39 -0.01 -0.23	41.77 -0.02 0.00
HQ_GEN_WHEEL 23651	33.33 -0.04 0.00	28.59 0.03 0.00	27.00 0.03 0.00	26.17 0.03 0.00	28.58 0.03 0.00	27.68 0.03 0.00	43.22 0.04 0.00	35.36 0.00 0.00	39.55 0.15 0.00	40.30 0.18 0.00	37.05 0.14 0.00	35.71 0.14 0.00	38.61 0.14 1.19	40.86 -0.09 -0.35	41.31 -0.21 -0.70	38.86 -0.27 1.50	54.14 -0.32 -4.90	47.38 -0.47 0.00	45.39 -0.40 0.00	42.85 -0.26 0.00	38.34 -0.19 0.00	34.39 -0.04 0.00	36.39 -0.01 -0.23	41.77 -0.02 0.00
HUDSON AVE_GT_3 23810	35.24 1.88 0.00	30.03 1.46 0.00	28.27 1.29 0.00	27.33 1.19 0.00	29.79 1.24 0.00	28.93 1.28 0.00	45.37 2.19 0.00	37.49 2.14 0.00	41.77 2.38 0.00	42.45 2.33 0.00	39.21 2.30 0.00	37.90 2.33 0.00	42.16 2.51 0.00	43.41 2.81 0.00	43.76 2.94 0.00	43.56 2.92 0.00	53.10 3.54 0.00	51.33 3.48 0.00	48.81 3.02 0.00	45.76 2.66 0.00	40.87 2.34 0.00	36.61 2.10 -0.09	38.34 2.11 -0.06	44.08 2.30 0.00
HUDSON AVE_GT_4 23540	35.24 1.88 0.00	30.03 1.46 0.00	28.27 1.29 0.00	27.33 1.19 0.00	29.79 1.24 0.00	28.93 1.28 0.00	45.37 2.19 0.00	37.49 2.14 0.00	41.77 2.38 0.00	42.45 2.33 0.00	39.21 2.30 0.00	37.90 2.33 0.00	42.16 2.51 0.00	43.41 2.81 0.00	43.76 2.94 0.00	43.56 2.92 0.00	53.10 3.54 0.00	51.33 3.48 0.00	48.81 3.02 0.00	45.76 2.66 0.00	40.87 2.34 0.00	36.61 2.10 -0.09	38.34 2.11 -0.06	44.08 2.30 0.00
HUDSON AVE_GT_5 23657	35.24 1.88 0.00	30.03 1.46 0.00	28.27 1.29 0.00	27.33 1.19 0.00	29.79 1.24 0.00	28.93 1.28 0.00	45.37 2.19 0.00	37.49 2.14 0.00	41.77 2.38 0.00	42.45 2.33 0.00	39.21 2.30 0.00	37.90 2.33 0.00	42.16 2.51 0.00	43.41 2.81 0.00	43.76 2.94 0.00	43.56 2.92 0.00	53.10 3.54 0.00	51.33 3.48 0.00	48.81 3.02 0.00	45.76 2.66 0.00	40.87 2.34 0.00	36.61 2.10 -0.09	38.34 2.11 -0.06	44.08 2.30 0.00
HUDSON_AVE_10 24168	35.12 1.75 0.00	29.89 1.33 0.00	28.15 1.18 0.00	27.25 1.11 0.00	29.67 1.13 0.00	28.82 1.17 0.00	45.23 2.05 0.00	37.36 2.00 0.00	41.61 2.22 0.00	42.27 2.15 0.00	39.06 2.15 0.00	37.74 2.16 0.00	41.99 2.33 0.00	43.21 2.61 0.00	43.56 2.74 0.00	43.36 2.73 0.00	52.87 3.31 0.00	51.11 3.25 0.00	48.58 2.80 0.00	45.56 2.46 0.00	40.70 2.17 0.00	36.46 1.95 -0.09	38.20 1.98 -0.06	43.90 2.12 0.00
HUDSON___115KV_TB 4 355613	34.55 1.19 0.00	29.54 0.98 0.00	27.90 0.93 0.00	27.02 0.88 0.00	29.54 1.00 0.00	28.59 0.93 0.00	44.67 1.49 0.00	36.72 1.37 0.00	40.83 1.44 0.00	41.60 1.49 0.00	38.10 1.19 0.00	36.52 0.94 0.00	40.53 0.87 0.00	41.55 0.95 0.00	41.91 1.09 0.00	41.84 1.20 0.00	51.09 1.52 0.00	49.80 1.94 0.00	47.94 2.15 0.00	45.11 2.00 0.00	40.26 1.73 0.00	35.74 1.37 0.06	37.43 1.31 0.04	43.08 1.29 0.00
HUNTER MOUNT___DRP 323613	34.72 1.35 0.00	29.69 1.13 0.00	28.05 1.08 0.00	27.18 1.04 0.00	29.72 1.17 0.00	28.76 1.10 0.00	44.95 1.77 0.00	36.95 1.59 0.00	41.08 1.69 0.00	41.85 1.73 0.00	38.31 1.40 0.00	36.63 1.05 0.00	40.58 0.92 0.00	41.64 1.03 0.00	42.03 1.21 0.00	41.92 1.28 0.00	51.20 1.64 0.00	50.04 2.19 0.00	48.29 2.50 0.00	45.48 2.37 0.00	40.57 2.03 0.00	36.00 1.61 0.04	37.68 1.54 0.03	43.32 1.54 0.00
HUNTINGTON_RES_REC 323705	34.65 1.28 0.00	29.86 1.30 0.00	28.05 1.08 0.00	27.11 0.93 -0.03	29.53 0.98 -0.01	28.75 1.09 0.00	45.42 1.73 -0.51	43.77 2.02 -6.40	41.56 2.17 0.00	42.06 1.94 0.00	38.26 1.36 0.00	37.11 1.54 0.00	41.36 1.70 0.00	42.71 2.11 0.00	42.85 2.03 0.00	42.76 2.12 0.00	51.78 2.22 0.00	50.33 2.47 0.00	47.74 1.96 0.00	45.24 2.14 0.00	40.38 1.85 0.00	36.24 1.73 -0.09	37.75 1.52 -0.06	43.32 1.54 0.00
HUNTLEY___63 23557	33.19 -0.17 0.00	28.27 -0.29 0.00	26.65 -0.32 0.00	25.87 -0.28 0.00	28.26 -0.29 0.00	27.63 -0.02 0.00	42.68 -0.50 0.00	34.54 -0.81 0.00	37.83 -1.56 0.00	38.87 -1.25 0.00	35.84 -1.06 0.00	34.55 -1.03 0.00	38.56 -1.10 0.00	40.36 -0.24 0.00	40.89 0.07 0.00	40.77 0.14 0.00	50.04 0.47 0.00	48.22 0.36 0.00	45.09 -0.69 0.00	42.36 -0.74 0.00	38.07 -0.46 0.00	33.79 -0.63 0.00	36.21 0.05 0.00	42.17 0.38 0.00
HUNTLEY___64 23558	33.19 -0.17 0.00	28.27 -0.29 0.00	26.65 -0.32 0.00	25.87 -0.28 0.00	28.26 -0.29 0.00	27.63 -0.02 0.00	42.68 -0.50 0.00	34.54 -0.81 0.00	37.83 -1.56 0.00	38.87 -1.25 0.00	35.84 -1.06 0.00	34.55 -1.03 0.00	38.56 -1.10 0.00	40.36 -0.24 0.00	40.89 0.07 0.00	40.77 0.14 0.00	50.04 0.47 0.00	48.22 0.36 0.00	45.09 -0.69 0.00	42.36 -0.74 0.00	38.07 -0.46 0.00	33.79 -0.63 0.00	36.21 0.05 0.00	42.17 0.38 0.00
HUNTLEY___65 23559	33.19 -0.17 0.00	28.27 -0.29 0.00	26.65 -0.32 0.00	25.87 -0.28 0.00	28.26 -0.29 0.00	27.63 -0.02 0.00	42.68 -0.50 0.00	34.54 -0.81 0.00	37.83 -1.56 0.00	38.87 -1.25 0.00	35.84 -1.06 0.00	34.55 -1.03 0.00	38.56 -1.10 0.00	40.36 -0.24 0.00	40.89 0.07 0.00	40.77 0.14 0.00	50.04 0.47 0.00	48.22 0.36 0.00	45.09 -0.69 0.00	42.36 -0.74 0.00	38.07 -0.46 0.00	33.79 -0.63 0.00	36.21 0.05 0.00	42.17 0.38 0.00
HUNTLEY___66 23560	33.19 -0.17 0.00	28.27 -0.29 0.00	26.65 -0.32 0.00	25.87 -0.28 0.00	28.26 -0.29 0.00	27.63 -0.02 0.00	42.68 -0.50 0.00	34.54 -0.81 0.00	37.83 -1.56 0.00	38.87 -1.25 0.00	35.84 -1.06 0.00	34.55 -1.03 0.00	38.56 -1.10 0.00	40.36 -0.24 0.00	40.89 0.07 0.00	40.77 0.14 0.00	50.04 0.47 0.00	48.22 0.36 0.00	45.09 -0.69 0.00	42.36 -0.74 0.00	38.07 -0.46 0.00	33.79 -0.63 0.00	36.21 0.05 0.00	42.17 0.38 0.00

HUNTLEY___67 23561	32.91 -0.45 0.00	28.00 -0.56 0.00	26.41 -0.57 0.00	25.63 -0.51 0.00	28.00 -0.55 0.00	27.38 -0.27 0.00	42.35 -0.84 0.00	34.33 -1.02 0.00	37.63 -1.77 0.00	38.66 -1.46 0.00	35.64 -1.26 0.00	34.35 -1.22 0.00	38.34 -1.32 0.00	40.09 -0.51 0.00	40.59 -0.23 0.00	40.43 -0.21 0.00	49.63 0.07 0.00	47.84 -0.02 0.00	44.77 -1.01 0.00	42.05 -1.05 0.00	37.79 -0.75 0.00	33.54 -0.89 0.00	35.91 -0.26 0.00	41.75 -0.03 0.00
HUNTLEY___68 23562	32.91 -0.45 0.00	28.00 -0.56 0.00	26.41 -0.57 0.00	25.63 -0.51 0.00	28.00 -0.55 0.00	27.38 -0.27 0.00	42.35 -0.84 0.00	34.33 -1.02 0.00	37.63 -1.77 0.00	38.66 -1.46 0.00	35.64 -1.26 0.00	34.35 -1.22 0.00	38.34 -1.32 0.00	40.09 -0.51 0.00	40.59 -0.23 0.00	40.43 -0.21 0.00	49.63 0.07 0.00	47.84 -0.02 0.00	44.77 -1.01 0.00	42.05 -1.05 0.00	37.79 -0.75 0.00	33.54 -0.89 0.00	35.91 -0.26 0.00	41.75 -0.03 0.00
HYLAND___LFGE 323620	34.45 1.08 0.00	29.26 0.70 0.00	27.57 0.60 0.00	26.74 0.60 0.00	29.28 0.73 0.00	28.69 1.04 0.00	44.83 1.65 0.00	36.65 1.29 0.00	39.99 0.60 0.00	40.10 -0.02 0.00	36.64 -0.26 0.00	35.32 -0.25 0.00	39.50 -0.16 0.00	41.11 0.50 0.00	41.57 0.75 0.00	41.50 0.87 0.00	51.08 1.52 0.00	49.95 2.10 0.00	47.66 1.87 0.00	45.48 2.38 0.00	40.76 2.23 0.00	36.00 1.58 0.00	38.04 1.87 0.00	43.83 2.05 0.00
INDECK___CORINTH 23802	35.23 1.87 0.00	30.09 1.53 0.00	28.44 1.47 0.00	27.55 1.41 0.00	30.12 1.57 0.00	29.17 1.51 0.00	45.59 2.41 0.00	37.54 2.19 0.00	41.90 2.51 0.00	42.68 2.56 0.00	39.08 2.18 0.00	37.45 1.88 0.00	41.55 1.89 0.00	42.75 2.14 0.00	43.16 2.34 0.00	43.08 2.45 0.00	52.69 3.13 0.00	51.23 3.37 0.00	49.15 3.37 0.00	46.25 3.15 0.00	41.33 2.80 0.00	36.63 2.29 0.08	38.44 2.34 0.06	44.22 2.44 0.00
INDECK___ILION 23567	33.59 0.23 0.00	28.71 0.15 0.00	27.12 0.15 0.00	26.27 0.12 0.00	28.70 0.15 0.00	27.75 0.09 0.00	43.41 0.23 0.00	35.71 0.36 0.00	39.69 0.30 0.00	40.11 -0.01 0.00	36.66 -0.25 0.00	35.33 -0.24 0.00	39.38 -0.28 0.00	40.46 -0.15 0.00	40.67 -0.15 0.00	40.55 -0.09 0.00	49.45 -0.11 0.00	48.18 0.32 0.00	46.41 0.63 0.00	43.67 0.57 0.00	39.07 0.54 0.00	34.76 0.34 0.00	36.37 0.20 0.00	41.85 0.07 0.00
INDECK___OLEAN 23982	34.31 0.95 0.00	29.11 0.55 0.00	27.57 0.59 0.00	26.75 0.61 0.00	29.29 0.75 0.00	28.57 0.91 0.00	44.69 1.51 0.00	36.51 1.15 0.00	40.16 0.77 0.00	41.14 1.02 0.00	37.97 1.07 0.00	36.45 0.88 0.00	40.38 0.72 0.00	42.20 1.59 0.00	42.71 1.89 0.00	42.46 1.83 0.00	52.26 2.70 0.00	50.44 2.57 0.00	47.25 1.46 0.00	44.04 0.93 0.00	39.39 0.85 0.00	34.81 0.39 0.00	36.94 0.78 0.00	42.85 1.07 0.00
INDECK___OSWEGO 23783	32.68 -0.69 0.00	27.93 -0.63 0.00	26.38 -0.60 0.00	25.56 -0.58 0.00	27.93 -0.62 0.00	27.10 -0.56 0.00	42.28 -0.90 0.00	34.51 -0.84 0.00	38.26 -1.14 0.00	38.91 -1.21 0.00	35.82 -1.08 0.00	34.52 -1.06 0.00	38.53 -1.12 0.00	39.65 -0.96 0.00	39.96 -0.87 0.00	39.84 -0.79 0.00	48.67 -0.89 0.00	47.31 -0.73 -0.19	45.11 -0.68 0.00	42.41 -0.70 0.00	37.85 -0.68 0.00	33.70 -0.73 0.00	35.44 -0.73 0.00	41.05 -0.73 0.00
INDECK___YERKES 23781	33.23 -0.13 0.00	28.30 -0.26 0.00	26.68 -0.30 0.00	25.89 -0.25 0.00	28.29 -0.26 0.00	27.66 0.01 0.00	42.75 -0.43 0.00	34.58 -0.77 0.00	37.88 -1.52 0.00	38.91 -1.21 0.00	35.88 -1.03 0.00	34.58 -1.00 0.00	38.60 -1.06 0.00	40.41 -0.20 0.00	40.93 0.11 0.00	40.82 0.19 0.00	50.09 0.53 0.00	48.27 0.42 0.00	45.14 -0.65 0.00	42.41 -0.69 0.00	38.10 -0.43 0.00	33.83 -0.59 0.00	36.25 0.09 0.00	42.20 0.41 0.00
INDIAN POINT_GT_1 24139	34.64 1.27 0.00	29.54 0.98 0.00	27.83 0.86 0.00	26.92 0.78 0.00	29.36 0.81 0.00	28.49 0.83 0.00	44.66 1.48 0.00	36.84 1.49 0.00	41.02 1.63 0.00	41.69 1.58 0.00	38.44 1.53 0.00	37.12 1.55 0.00	41.38 1.73 0.00	42.59 1.99 0.00	42.94 2.12 0.00	42.77 2.14 0.00	52.18 2.62 0.00	50.51 2.65 0.00	48.10 2.32 0.00	45.10 1.99 0.00	40.20 1.67 0.00	35.95 1.44 -0.09	37.61 1.39 -0.06	43.25 1.46 0.00
INDIAN POINT_GT_2 23659	34.64 1.27 0.00	29.54 0.98 0.00	27.83 0.86 0.00	26.92 0.78 0.00	29.36 0.81 0.00	28.49 0.83 0.00	44.66 1.48 0.00	36.84 1.49 0.00	41.02 1.63 0.00	41.69 1.58 0.00	38.44 1.53 0.00	37.12 1.55 0.00	41.38 1.73 0.00	42.59 1.99 0.00	42.94 2.12 0.00	42.77 2.14 0.00	52.18 2.62 0.00	50.51 2.65 0.00	48.10 2.32 0.00	45.10 1.99 0.00	40.20 1.67 0.00	35.95 1.44 -0.09	37.61 1.39 -0.06	43.25 1.46 0.00
INDIAN POINT_GT_3 24019	34.64 1.27 0.00	29.54 0.98 0.00	27.83 0.86 0.00	26.92 0.78 0.00	29.36 0.81 0.00	28.49 0.83 0.00	44.66 1.48 0.00	36.84 1.49 0.00	41.02 1.63 0.00	41.69 1.58 0.00	38.44 1.53 0.00	37.12 1.55 0.00	41.38 1.73 0.00	42.59 1.99 0.00	42.94 2.12 0.00	42.77 2.14 0.00	52.18 2.62 0.00	50.51 2.65 0.00	48.10 2.32 0.00	45.10 1.99 0.00	40.20 1.67 0.00	35.95 1.44 -0.09	37.61 1.39 -0.06	43.25 1.46 0.00
INDIAN POINT___2 23530	34.49 1.13 0.00	29.43 0.87 0.00	27.71 0.74 0.00	26.82 0.67 0.00	29.24 0.69 0.00	28.38 0.72 0.00	44.48 1.30 0.00	36.67 1.32 0.00	40.83 1.44 0.00	41.50 1.38 0.00	38.26 1.35 0.00	36.97 1.39 0.00	41.23 1.58 0.00	42.47 1.86 0.00	42.82 2.00 0.00	42.64 2.01 0.00	52.06 2.50 0.00	50.39 2.54 0.00	48.01 2.22 0.00	44.98 1.88 0.00	40.09 1.55 0.00	35.82 1.31 -0.08	37.46 1.24 -0.06	43.09 1.31 0.00
INDIAN POINT___3 23531	34.67 1.30 0.00	29.57 1.01 0.00	27.86 0.89 0.00	26.95 0.81 0.00	29.39 0.84 0.00	28.52 0.86 0.00	44.70 1.52 0.00	36.87 1.52 0.00	41.07 1.68 0.00	41.74 1.62 0.00	38.48 1.58 0.00	37.17 1.60 0.00	41.42 1.76 0.00	42.63 2.03 0.00	42.99 2.16 0.00	42.81 2.18 0.00	52.21 2.65 0.00	50.52 2.67 0.00	48.12 2.34 0.00	45.12 2.01 0.00	40.24 1.70 0.00	35.99 1.48 -0.09	37.65 1.43 -0.06	43.29 1.51 0.00
INGHAM_C_115KV_TB7 356103	33.64 0.28 0.00	28.71 0.15 0.00	27.13 0.16 0.00	26.23 0.09 0.00	28.70 0.15 0.00	27.68 0.02 0.00	43.37 0.19 0.00	35.91 0.56 0.00	39.82 0.43 0.00	39.78 -0.33 0.00	36.00 -0.91 0.00	34.68 -0.89 0.00	38.67 -0.99 0.00	39.84 -0.76 0.00	40.00 -0.82 0.00	39.98 -0.65 0.00	48.72 -0.84 0.00	47.96 0.11 0.00	46.69 0.91 0.00	43.98 0.87 0.00	39.45 0.92 0.00	34.96 0.54 0.00	36.39 0.22 0.00	41.69 -0.09 0.00
IP CORINTH___1 23988	35.23 1.87 0.00	30.09 1.53 0.00	28.44 1.47 0.00	27.55 1.41 0.00	30.12 1.57 0.00	29.17 1.51 0.00	45.59 2.41 0.00	37.55 2.19 0.00	41.90 2.51 0.00	42.68 2.56 0.00	39.08 2.18 0.00	37.45 1.88 0.00	41.55 1.89 0.00	42.75 2.15 0.00	43.16 2.34 0.00	43.08 2.45 0.00	52.69 3.13 0.00	51.23 3.37 0.00	49.15 3.37 0.00	46.25 3.15 0.00	41.33 2.80 0.00	36.63 2.29 0.08	38.44 2.33 0.06	44.22 2.44 0.00

IP___TICONDEROGA 23804	36.61 3.24 0.00	31.16 2.60 0.00	29.57 2.60 0.00	28.69 2.55 0.00	31.43 2.88 0.00	30.45 2.79 0.00	47.41 4.23 0.00	39.25 3.90 0.00	44.20 4.80 0.00	45.13 5.02 0.00	41.18 4.28 0.00	39.13 3.56 0.00	43.06 3.40 0.00	44.24 3.64 0.00	44.74 3.92 0.00	44.74 4.11 0.00	55.19 5.63 0.00	53.40 5.54 0.00	51.49 5.71 0.00	48.75 5.64 0.00	43.69 5.16 0.00	38.60 4.26 0.09	40.63 4.52 0.06	46.57 4.79 0.00
ISLIP_RES_REC 323679	34.26 0.89 0.00	29.73 1.17 0.00	27.93 0.96 0.00	26.90 0.88 0.13	29.37 0.85 0.03	28.66 1.00 0.00	45.25 1.56 -0.51	43.76 2.01 -6.40	41.61 2.21 0.00	42.10 1.99 0.00	38.29 1.39 0.00	37.27 1.70 0.00	41.56 1.91 0.00	43.01 2.40 0.00	43.07 2.25 0.00	43.00 2.36 0.00	51.95 2.39 0.00	50.59 2.73 0.00	48.00 2.22 0.00	45.65 2.55 0.00	40.70 2.17 0.00	36.48 1.97 -0.09	37.94 1.71 -0.06	43.47 1.69 0.00
JAMAICA___27_KV_LOAD 355505	35.45 2.09 0.00	30.10 1.54 0.00	28.33 1.35 0.00	27.48 1.33 0.00	29.88 1.34 0.00	29.03 1.38 0.00	45.67 2.49 0.00	37.72 2.37 0.00	41.95 2.55 0.00	42.58 2.46 0.00	39.38 2.48 0.00	38.00 2.43 0.00	42.29 2.63 0.00	43.49 2.88 0.00	43.87 3.05 0.00	43.67 3.03 0.00	53.28 3.72 0.00	51.49 3.63 0.00	48.93 3.14 0.00	45.92 2.81 0.00	41.05 2.52 0.00	36.74 2.22 -0.09	38.55 2.32 -0.06	44.22 2.44 0.00
JANIS___SOLAR 323808	34.78 1.41 0.00	29.59 1.03 0.00	27.94 0.97 0.00	27.09 0.94 0.00	29.62 1.07 0.00	28.82 1.16 0.00	45.28 2.10 0.00	37.09 1.74 0.00	40.78 1.39 0.00	40.89 0.77 0.00	37.37 0.46 0.00	35.97 0.39 0.00	40.23 0.57 0.00	41.65 1.04 0.00	42.00 1.18 0.00	42.10 1.47 0.00	51.63 2.07 0.00	50.50 2.61 -0.03	48.77 2.99 0.00	45.83 2.72 0.00	40.70 2.17 0.00	35.97 1.54 0.00	37.67 1.51 0.00	43.44 1.65 0.00
JARVIS____ 23743	33.47 0.11 0.00	28.64 0.09 0.00	27.05 0.08 0.00	26.22 0.08 0.00	28.63 0.09 0.00	27.73 0.08 0.00	43.31 0.13 0.00	35.49 0.14 0.00	39.51 0.11 0.00	40.20 0.08 0.00	36.97 0.06 0.00	35.64 0.07 0.00	39.73 0.07 0.00	40.73 0.12 0.00	40.97 0.15 0.00	40.76 0.13 0.00	49.71 0.15 0.00	48.09 0.24 0.00	46.04 0.26 0.00	43.32 0.21 0.00	38.69 0.16 0.00	34.53 0.10 0.00	36.24 0.08 0.00	41.84 0.05 0.00
JENNISON___1 23625	34.84 1.48 0.00	29.64 1.08 0.00	28.05 1.08 0.00	27.20 1.06 0.00	29.71 1.16 0.00	28.87 1.22 0.00	45.36 2.18 0.00	37.16 1.81 0.00	40.98 1.59 0.00	41.49 1.37 0.00	38.07 1.17 0.00	36.76 1.19 0.00	41.10 1.44 0.00	42.53 1.92 0.00	42.84 2.02 0.00	42.79 2.16 0.00	52.39 2.83 0.00	51.04 3.16 -0.03	48.89 3.11 0.00	45.82 2.72 0.00	40.47 1.93 0.00	35.61 1.19 0.00	37.20 1.04 0.00	43.02 1.24 0.00
JENNISON___2 23626	34.84 1.48 0.00	29.64 1.08 0.00	28.05 1.08 0.00	27.20 1.06 0.00	29.71 1.16 0.00	28.87 1.22 0.00	45.36 2.18 0.00	37.16 1.81 0.00	40.98 1.59 0.00	41.49 1.37 0.00	38.07 1.17 0.00	36.76 1.19 0.00	41.10 1.44 0.00	42.53 1.92 0.00	42.84 2.02 0.00	42.79 2.16 0.00	52.39 2.83 0.00	51.04 3.16 -0.03	48.89 3.11 0.00	45.82 2.72 0.00	40.47 1.93 0.00	35.61 1.19 0.00	37.20 1.04 0.00	43.02 1.24 0.00
JERICHO_RISE_WT_PWR 323719	33.87 0.51 0.00	29.01 0.46 0.00	27.39 0.42 0.00	26.54 0.40 0.00	28.99 0.45 0.00	28.12 0.47 0.00	43.87 0.69 0.00	36.05 0.69 0.00	40.18 0.78 0.00	40.98 0.86 0.00	37.52 0.62 0.00	36.12 0.54 0.00	40.23 0.57 0.00	40.94 0.33 0.00	41.01 0.19 0.00	40.69 0.06 0.00	49.84 0.28 0.00	47.94 0.09 0.00	46.03 0.25 0.00	43.21 0.10 0.00	38.68 0.15 0.00	34.54 0.11 0.00	36.40 0.24 0.00	42.17 0.39 0.00
KATONAH___115KV_46KV_TB4 355592	34.92 1.55 0.00	29.79 1.23 0.00	28.06 1.09 0.00	27.13 0.99 0.00	29.60 1.05 0.00	28.74 1.08 0.00	45.05 1.87 0.00	37.19 1.84 0.00	41.42 2.02 0.00	42.12 2.00 0.00	38.84 1.94 0.00	37.53 1.95 0.00	41.78 2.12 0.00	42.99 2.38 0.00	43.35 2.53 0.00	43.18 2.55 0.00	52.64 3.08 0.00	50.91 3.06 0.00	48.48 2.69 0.00	45.49 2.39 0.00	40.58 2.04 0.00	36.28 1.77 -0.09	37.96 1.73 -0.06	43.61 1.82 0.00
KCE_NY_1 323755	35.05 1.69 0.00	29.95 1.39 0.00	28.31 1.34 0.00	27.45 1.31 0.00	29.97 1.42 0.00	29.00 1.34 0.00	45.38 2.20 0.00	37.29 1.93 0.00	41.50 2.10 0.00	42.32 2.20 0.00	38.75 1.84 0.00	37.17 1.59 0.00	41.33 1.68 0.00	42.45 1.85 0.00	42.84 2.01 0.00	42.71 2.08 0.00	52.16 2.60 0.00	50.69 2.83 0.00	48.64 2.86 0.00	45.72 2.62 0.00	40.85 2.31 0.00	36.22 1.89 0.09	38.02 1.91 0.06	43.82 2.04 0.00
KCE_NY_6_ESR 323823	33.52 0.15 0.00	28.49 -0.06 0.00	26.87 -0.10 0.00	26.06 -0.08 0.00	28.48 -0.07 0.00	27.87 0.21 0.00	43.22 0.03 0.00	35.06 -0.29 0.00	38.46 -0.93 0.00	39.51 -0.61 0.00	36.46 -0.45 0.00	35.14 -0.43 0.00	39.20 -0.46 0.00	40.99 0.39 0.00	41.58 0.75 0.00	41.37 0.74 0.00	50.82 1.26 0.00	49.05 1.18 0.00	45.83 0.05 0.00	42.94 -0.16 0.00	38.55 0.01 0.00	34.16 -0.27 0.00	36.52 0.36 0.00	42.36 0.57 0.00
KEDC_PORT_JEFF_GT2 24210	34.09 0.73 0.00	29.61 1.05 0.00	27.83 0.86 0.00	26.76 0.77 0.16	29.25 0.73 0.03	28.54 0.89 0.00	45.07 1.38 -0.51	43.58 1.83 -6.40	41.39 1.99 0.00	41.88 1.76 0.00	38.08 1.17 0.00	37.05 1.47 0.00	41.32 1.66 0.00	42.73 2.13 0.00	42.80 1.97 0.00	42.71 2.07 0.00	51.31 1.75 0.00	50.11 2.25 0.00	47.45 1.67 0.00	45.27 2.16 0.00	40.42 1.89 0.00	36.26 1.74 -0.09	37.72 1.49 -0.06	43.26 1.47 0.00
KEDC_PORT_JEFF_GT3 24211	34.09 0.73 0.00	29.61 1.05 0.00	27.83 0.86 0.00	26.76 0.77 0.16	29.25 0.73 0.03	28.54 0.89 0.00	45.07 1.38 -0.51	43.58 1.83 -6.40	41.39 1.99 0.00	41.88 1.76 0.00	38.08 1.17 0.00	37.05 1.47 0.00	41.32 1.66 0.00	42.73 2.13 0.00	42.80 1.97 0.00	42.71 2.07 0.00	51.31 1.75 0.00	50.11 2.25 0.00	47.45 1.67 0.00	45.27 2.16 0.00	40.42 1.89 0.00	36.26 1.74 -0.09	37.72 1.49 -0.06	43.26 1.47 0.00
KEDC_GLWD_GT4 24219	35.47 2.11 0.00	30.30 1.74 0.00	28.49 1.52 0.00	27.50 1.36 0.00	30.02 1.47 0.00	29.19 1.53 0.00	46.22 2.53 -0.51	44.31 2.55 -6.40	42.17 2.78 0.00	42.73 2.61 0.00	39.23 2.32 0.00	37.98 2.41 0.00	42.30 2.64 0.00	43.50 2.90 0.00	43.54 2.72 0.00	43.40 2.77 0.00	52.78 3.22 0.00	51.12 3.27 0.00	48.54 2.75 0.00	45.69 2.58 0.00	41.06 2.53 0.00	36.78 2.26 -0.09	38.40 2.17 -0.06	44.04 2.25 0.00
KEDC_GLWD_GT5 24220	35.47 2.11 0.00	30.30 1.74 0.00	28.49 1.52 0.00	27.50 1.36 0.00	30.02 1.47 0.00	29.19 1.53 0.00	46.22 2.53 -0.51	44.31 2.55 -6.40	42.17 2.78 0.00	42.73 2.61 0.00	39.23 2.32 0.00	37.98 2.41 0.00	42.30 2.64 0.00	43.50 2.90 0.00	43.54 2.72 0.00	43.40 2.77 0.00	52.78 3.22 0.00	51.12 3.27 0.00	48.54 2.75 0.00	45.69 2.58 0.00	41.06 2.53 0.00	36.78 2.26 -0.09	38.40 2.17 -0.06	44.04 2.25 0.00

KENSICO____ 23655	34.88 1.52 0.00	29.76 1.20 0.00	28.03 1.06 0.00	27.11 0.96 0.00	29.55 1.01 0.00	28.69 1.03 0.00	44.97 1.79 0.00	37.13 1.77 0.00	41.35 1.96 0.00	42.03 1.91 0.00	38.76 1.86 0.00	37.45 1.87 0.00	41.69 2.04 0.00	42.91 2.30 0.00	43.24 2.42 0.00	43.06 2.42 0.00	52.49 2.93 0.00	50.77 2.92 0.00	48.33 2.55 0.00	45.34 2.23 0.00	40.47 1.94 0.00	36.21 1.70 -0.09	37.89 1.67 -0.06	43.57 1.79 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.57 1.21 0.00	29.46 0.90 0.00	27.76 0.79 0.00	26.87 0.72 0.00	29.30 0.75 0.00	28.43 0.77 0.00	44.61 1.43 0.00	36.80 1.44 0.00	40.96 1.57 0.00	41.57 1.45 0.00	38.30 1.40 0.00	36.94 1.36 0.00	41.22 1.56 0.00	42.35 1.75 0.00	42.71 1.89 0.00	42.56 1.93 0.00	51.99 2.43 0.00	50.45 2.60 0.00	48.19 2.41 0.00	45.22 2.12 0.00	40.31 1.78 0.00	35.96 1.49 -0.05	37.62 1.42 -0.04	43.23 1.45 0.00
KIAC_JFK_GT1 23816	35.23 1.87 0.00	29.92 1.36 0.00	28.17 1.19 0.00	27.30 1.16 0.00	29.71 1.16 0.00	28.86 1.21 0.00	45.36 2.18 0.00	37.46 2.10 0.00	41.64 2.25 0.00	42.17 2.05 0.00	38.99 2.09 0.00	37.64 2.06 0.00	41.88 2.22 0.00	43.06 2.46 0.00	43.44 2.62 0.00	43.24 2.60 0.00	52.74 3.18 0.00	50.96 3.10 0.00	48.43 2.64 0.00	45.45 2.34 0.00	40.63 2.10 0.00	36.39 1.87 -0.09	38.25 2.02 -0.06	43.94 2.16 0.00
KIAC_JFK_GT2 23817	35.23 1.87 0.00	29.92 1.36 0.00	28.17 1.19 0.00	27.30 1.16 0.00	29.71 1.16 0.00	28.86 1.21 0.00	45.36 2.18 0.00	37.46 2.10 0.00	41.64 2.25 0.00	42.17 2.05 0.00	38.99 2.09 0.00	37.64 2.06 0.00	41.88 2.22 0.00	43.06 2.46 0.00	43.44 2.62 0.00	43.24 2.60 0.00	52.74 3.18 0.00	50.96 3.10 0.00	48.43 2.64 0.00	45.45 2.34 0.00	40.63 2.10 0.00	36.39 1.87 -0.09	38.25 2.02 -0.06	43.94 2.16 0.00
KIAC_JFK____ 323774	35.23 1.87 0.00	29.92 1.37 0.00	28.17 1.19 0.00	27.30 1.16 0.00	29.71 1.16 0.00	28.86 1.21 0.00	45.36 2.18 0.00	37.46 2.10 0.00	41.64 2.25 0.00	42.17 2.05 0.00	38.99 2.09 0.00	37.64 2.06 0.00	41.87 2.21 0.00	43.06 2.46 0.00	43.44 2.62 0.00	43.23 2.60 0.00	52.74 3.18 0.00	50.95 3.10 0.00	48.42 2.64 0.00	45.45 2.34 0.00	40.63 2.09 0.00	36.38 1.87 -0.09	38.25 2.02 -0.06	43.94 2.16 0.00
KINTIGH____ 23543	32.48 -0.88 0.00	27.67 -0.89 0.00	26.10 -0.87 0.00	25.35 -0.80 0.00	27.68 -0.87 0.00	27.04 -0.61 0.00	41.84 -1.34 0.00	33.97 -1.38 0.00	37.29 -2.10 0.00	38.24 -1.88 0.00	35.26 -1.65 0.00	33.99 -1.59 0.00	37.97 -1.69 0.00	39.58 -1.03 0.00	40.01 -0.81 0.00	39.90 -0.73 0.00	48.95 -0.61 0.00	47.25 -0.61 0.00	44.44 -1.34 0.00	41.89 -1.21 0.00	37.59 -0.94 0.00	33.39 -1.04 0.00	35.63 -0.53 0.00	41.43 -0.35 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.60 1.24 0.00	29.55 0.99 0.00	27.92 0.95 0.00	27.03 0.89 0.00	29.56 1.01 0.00	28.72 1.06 0.00	44.82 1.63 0.00	36.98 1.62 0.00	41.10 1.70 0.00	41.88 1.76 0.00	38.26 1.35 0.00	36.77 1.19 0.00	40.96 1.30 0.00	41.75 1.15 0.00	41.92 1.09 0.00	41.66 1.02 0.00	51.13 1.57 0.00	49.25 1.40 0.00	47.28 1.49 0.00	44.18 1.08 0.00	39.61 1.08 0.00	35.18 0.76 0.00	37.07 0.90 0.00	42.99 1.21 0.00
LACHUTE__HYDRO 323717	36.61 3.24 0.00	31.16 2.60 0.00	29.57 2.60 0.00	28.69 2.55 0.00	31.43 2.88 0.00	30.45 2.79 0.00	47.41 4.23 0.00	39.25 3.90 0.00	44.20 4.80 0.00	45.14 5.02 0.00	41.18 4.28 0.00	39.13 3.56 0.00	43.06 3.40 0.00	44.24 3.64 0.00	44.74 3.92 0.00	44.74 4.11 0.00	55.19 5.63 0.00	53.40 5.54 0.00	51.49 5.71 0.00	48.75 5.65 0.00	43.69 5.16 0.00	38.60 4.26 0.09	40.62 4.52 0.06	46.57 4.79 0.00
LAWRNCV_115KV_TB1 80681	33.52 0.15 0.00	28.75 0.19 0.00	27.14 0.16 0.00	26.30 0.16 0.00	28.72 0.17 0.00	27.86 0.21 0.00	43.54 0.35 0.00	35.59 0.23 0.00	39.68 0.29 0.00	40.28 0.16 0.00	36.82 -0.09 0.00	35.38 -0.19 0.00	39.44 -0.23 0.00	40.15 -0.45 0.00	40.25 -0.57 0.00	39.91 -0.72 0.00	48.85 -0.71 0.00	47.23 -0.64 -0.01	45.56 -0.22 0.00	43.13 0.03 0.00	38.59 0.06 0.00	34.70 0.28 0.00	36.64 0.48 0.00	42.30 0.52 0.00
LEDERLE____ 23769	34.73 1.36 0.00	29.61 1.06 0.00	27.89 0.92 0.00	26.98 0.83 0.00	29.41 0.86 0.00	28.55 0.90 0.00	44.78 1.60 0.00	36.92 1.57 0.00	41.12 1.73 0.00	41.80 1.68 0.00	38.56 1.65 0.00	37.26 1.69 0.00	41.58 1.92 0.00	42.82 2.22 0.00	43.19 2.37 0.00	43.02 2.39 0.00	52.55 2.99 0.00	50.88 3.03 0.00	48.44 2.66 0.00	45.37 2.27 0.00	40.41 1.88 0.00	36.10 1.59 -0.08	37.74 1.52 -0.06	43.39 1.60 0.00
LIGHTRSE_115KV_TB6 355974	33.45 0.08 0.00	28.53 -0.03 0.00	26.94 -0.04 0.00	26.11 -0.04 0.00	28.53 -0.02 0.00	27.71 0.05 0.00	43.35 0.17 0.00	35.34 -0.01 0.00	39.08 -0.32 0.00	39.63 -0.49 0.00	36.39 -0.52 0.00	34.98 -0.60 0.00	39.08 -0.58 0.00	40.21 -0.40 0.00	40.52 -0.30 0.00	40.41 -0.22 0.00	49.53 -0.03 0.00	48.21 0.24 -0.10	46.28 0.50 0.00	43.58 0.47 0.00	38.74 0.21 0.00	34.44 0.01 0.00	36.29 0.12 0.00	41.87 0.08 0.00
LINDEN COGEN____ 23786	35.04 1.68 0.00	29.86 1.30 0.00	28.11 1.13 0.00	27.19 1.04 0.00	29.62 1.08 0.00	28.77 1.12 0.00	45.09 1.91 0.00	37.23 1.88 0.00	41.46 2.07 0.00	42.11 1.99 0.00	38.90 1.99 0.00	37.61 2.03 0.00	41.83 2.17 0.00	43.06 2.46 0.00	43.43 2.60 0.00	43.23 2.59 0.00	52.72 3.16 0.00	50.98 3.13 0.00	48.51 2.72 0.00	45.46 2.36 0.00	40.59 2.06 0.00	36.35 1.84 -0.09	38.05 1.83 -0.06	43.77 1.99 0.00
LINDHRST_69_KV_BK1 356055	35.42 2.06 0.00	30.34 1.78 0.00	28.52 1.54 0.00	27.51 1.37 0.01	30.02 1.47 0.00	29.21 1.55 0.00	46.21 2.52 -0.51	44.38 2.62 -6.40	42.24 2.85 0.00	42.78 2.66 0.00	39.05 2.15 0.00	37.85 2.28 0.00	42.11 2.46 0.00	43.49 2.88 0.00	43.69 2.86 0.00	43.54 2.91 0.00	52.85 3.29 0.00	51.22 3.36 0.00	48.67 2.88 0.00	45.97 2.87 0.00	41.03 2.49 0.00	36.85 2.33 -0.09	38.39 2.16 -0.06	43.98 2.20 0.00
LIPA_MISC_IPP 23656	33.68 0.31 0.00	29.27 0.71 0.00	27.52 0.54 0.00	26.47 0.47 0.15	28.91 0.39 0.03	28.22 0.57 0.00	44.56 0.87 -0.51	43.18 1.43 -6.40	40.96 1.56 0.00	41.42 1.30 0.00	37.61 0.71 0.00	36.61 1.03 0.00	40.87 1.21 0.00	42.25 1.65 0.00	42.30 1.48 0.00	42.23 1.59 0.00	51.02 1.45 0.00	49.70 1.84 0.00	47.22 1.44 0.00	44.90 1.80 0.00	40.04 1.51 0.00	35.92 1.41 -0.09	37.36 1.13 -0.06	42.82 1.04 0.00
LISF__SOLAR 323691	33.72 0.36 0.00	29.31 0.75 0.00	27.55 0.58 0.00	26.51 0.51 0.15	28.95 0.43 0.03	28.27 0.61 0.00	44.63 0.94 -0.51	43.24 1.48 -6.40	41.03 1.63 0.00	41.47 1.36 0.00	37.65 0.75 0.00	36.66 1.08 0.00	40.92 1.26 0.00	42.30 1.69 0.00	42.35 1.53 0.00	42.29 1.66 0.00	51.10 1.54 0.00	49.80 1.95 0.00	47.33 1.55 0.00	45.01 1.91 0.00	40.14 1.61 0.00	35.99 1.48 -0.09	37.42 1.20 -0.06	42.89 1.11 0.00

LITTLE FALLS___HYD 24013	33.64 0.28 0.00	28.71 0.15 0.00	27.13 0.16 0.00	26.23 0.09 0.00	28.70 0.15 0.00	27.68 0.02 0.00	43.37 0.19 0.00	35.91 0.56 0.00	39.82 0.43 0.00	39.78 -0.33 0.00	36.00 -0.91 0.00	34.68 -0.89 0.00	38.67 -0.99 0.00	39.84 -0.76 0.00	40.00 -0.82 0.00	39.98 -0.65 0.00	48.72 -0.84 0.00	47.96 0.11 0.00	46.69 0.91 0.00	43.98 0.87 0.00	39.45 0.92 0.00	34.96 0.54 0.00	36.39 0.22 0.00	41.69 -0.09 0.00
LITTLRIV_115KV_TB1 356100	33.98 0.62 0.00	29.14 0.58 0.00	27.49 0.52 0.00	26.64 0.50 0.00	29.11 0.56 0.00	28.25 0.60 0.00	44.20 1.01 0.00	36.12 0.77 0.00	40.18 0.79 0.00	40.58 0.46 0.00	36.97 0.06 0.00	35.56 -0.02 0.00	39.63 -0.03 0.00	40.35 -0.26 0.00	40.49 -0.33 0.00	40.18 -0.45 0.00	49.13 -0.43 0.00	47.66 -0.21 -0.01	46.25 0.46 0.00	43.92 0.82 0.00	39.27 0.73 0.00	35.26 0.83 0.00	37.18 1.02 0.00	42.90 1.12 0.00
LI_NEWBRDGE___DRP 323616	35.17 1.81 0.00	30.09 1.53 0.00	28.29 1.32 0.00	27.32 1.17 0.00	29.81 1.27 0.00	28.97 1.32 0.00	45.87 2.18 -0.51	44.01 2.25 -6.40	41.82 2.42 0.00	42.36 2.24 0.00	38.82 1.91 0.00	37.57 1.99 0.00	41.81 2.15 0.00	43.08 2.48 0.00	43.29 2.47 0.00	43.15 2.51 0.00	52.45 2.88 0.00	50.81 2.96 0.00	48.29 2.51 0.00	45.47 2.37 0.00	40.61 2.08 0.00	36.43 1.91 -0.09	38.03 1.80 -0.06	43.66 1.88 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.88 -0.48 0.00	27.99 -0.57 0.00	26.37 -0.60 0.00	25.61 -0.53 0.00	27.97 -0.58 0.00	27.37 -0.28 0.00	42.23 -0.95 0.00	34.22 -1.13 0.00	37.41 -1.99 0.00	38.38 -1.73 0.00	35.35 -1.56 0.00	34.07 -1.50 0.00	38.01 -1.65 0.00	39.77 -0.83 0.00	40.26 -0.57 0.00	40.17 -0.47 0.00	49.30 -0.26 0.00	47.56 -0.30 0.00	44.51 -1.27 0.00	41.89 -1.21 0.00	37.65 -0.88 0.00	33.47 -0.96 0.00	35.87 -0.30 0.00	41.80 0.01 0.00
LOCKPORT___CC1 323769	32.85 -0.51 0.00	27.96 -0.60 0.00	26.35 -0.62 0.00	25.59 -0.56 0.00	27.95 -0.60 0.00	27.35 -0.31 0.00	42.22 -0.96 0.00	34.21 -1.14 0.00	37.40 -1.99 0.00	38.39 -1.73 0.00	35.35 -1.55 0.00	34.07 -1.51 0.00	38.02 -1.64 0.00	39.78 -0.82 0.00	40.27 -0.55 0.00	40.16 -0.47 0.00	49.29 -0.27 0.00	47.53 -0.32 0.00	44.47 -1.31 0.00	41.85 -1.25 0.00	37.62 -0.91 0.00	33.44 -0.99 0.00	35.84 -0.32 0.00	41.75 -0.03 0.00
LOCKPORT___CC2 323770	32.85 -0.51 0.00	27.96 -0.60 0.00	26.35 -0.62 0.00	25.59 -0.56 0.00	27.95 -0.60 0.00	27.35 -0.31 0.00	42.22 -0.96 0.00	34.21 -1.14 0.00	37.40 -1.99 0.00	38.39 -1.73 0.00	35.35 -1.55 0.00	34.07 -1.51 0.00	38.02 -1.64 0.00	39.78 -0.82 0.00	40.27 -0.55 0.00	40.16 -0.47 0.00	49.29 -0.27 0.00	47.53 -0.32 0.00	44.47 -1.31 0.00	41.85 -1.25 0.00	37.62 -0.91 0.00	33.44 -0.99 0.00	35.84 -0.32 0.00	41.75 -0.03 0.00
LOCKPORT___CC3 323771	32.85 -0.51 0.00	27.96 -0.60 0.00	26.35 -0.62 0.00	25.59 -0.56 0.00	27.95 -0.60 0.00	27.35 -0.31 0.00	42.22 -0.96 0.00	34.21 -1.14 0.00	37.40 -1.99 0.00	38.39 -1.73 0.00	35.35 -1.55 0.00	34.07 -1.51 0.00	38.02 -1.64 0.00	39.78 -0.82 0.00	40.27 -0.55 0.00	40.16 -0.47 0.00	49.29 -0.27 0.00	47.53 -0.32 0.00	44.47 -1.31 0.00	41.85 -1.25 0.00	37.62 -0.91 0.00	33.44 -0.99 0.00	35.84 -0.32 0.00	41.75 -0.03 0.00
LONG_LAKE_PHOENIX 24014	32.79 -0.58 0.00	28.01 -0.55 0.00	26.44 -0.53 0.00	25.63 -0.51 0.00	28.01 -0.53 0.00	27.18 -0.47 0.00	42.42 -0.76 0.00	34.64 -0.71 0.00	38.42 -0.97 0.00	39.07 -1.05 0.00	35.95 -0.95 0.00	34.64 -0.93 0.00	38.68 -0.98 0.00	39.82 -0.78 0.00	40.14 -0.69 0.00	40.04 -0.59 0.00	48.91 -0.65 0.00	47.54 -0.46 -0.15	45.39 -0.39 0.00	42.61 -0.49 0.00	38.04 -0.49 0.00	33.86 -0.56 0.00	35.59 -0.58 0.00	41.22 -0.56 0.00
LOVETT___3 23632	34.57 1.20 0.00	29.49 0.93 0.00	27.77 0.80 0.00	26.87 0.72 0.00	29.30 0.75 0.00	28.43 0.77 0.00	44.57 1.39 0.00	36.75 1.39 0.00	40.92 1.52 0.00	41.59 1.47 0.00	38.36 1.45 0.00	37.06 1.48 0.00	41.34 1.68 0.00	42.56 1.95 0.00	42.93 2.11 0.00	42.74 2.11 0.00	52.19 2.63 0.00	50.51 2.66 0.00	48.11 2.33 0.00	45.07 1.97 0.00	40.17 1.63 0.00	35.90 1.39 -0.08	37.55 1.33 -0.06	43.18 1.40 0.00
LOVETT___4 23642	34.57 1.20 0.00	29.49 0.93 0.00	27.77 0.80 0.00	26.87 0.72 0.00	29.30 0.75 0.00	28.43 0.77 0.00	44.57 1.39 0.00	36.75 1.39 0.00	40.92 1.52 0.00	41.59 1.47 0.00	38.36 1.45 0.00	37.06 1.48 0.00	41.34 1.68 0.00	42.56 1.95 0.00	42.93 2.11 0.00	42.74 2.11 0.00	52.19 2.63 0.00	50.51 2.66 0.00	48.11 2.33 0.00	45.07 1.97 0.00	40.17 1.63 0.00	35.90 1.39 -0.08	37.55 1.33 -0.06	43.18 1.40 0.00
LOVETT___5 23593	34.57 1.20 0.00	29.49 0.93 0.00	27.77 0.80 0.00	26.87 0.72 0.00	29.30 0.75 0.00	28.43 0.77 0.00	44.57 1.39 0.00	36.75 1.39 0.00	40.92 1.52 0.00	41.59 1.47 0.00	38.36 1.45 0.00	37.06 1.48 0.00	41.34 1.68 0.00	42.56 1.95 0.00	42.93 2.11 0.00	42.74 2.11 0.00	52.19 2.63 0.00	50.51 2.66 0.00	48.11 2.33 0.00	45.07 1.97 0.00	40.17 1.63 0.00	35.90 1.39 -0.08	37.55 1.33 -0.06	43.18 1.40 0.00
LOWER RAQUET___HYD 24057	33.51 0.15 0.00	28.74 0.18 0.00	27.12 0.15 0.00	26.28 0.14 0.00	28.71 0.16 0.00	27.85 0.20 0.00	43.53 0.35 0.00	35.58 0.23 0.00	39.65 0.26 0.00	40.23 0.11 0.00	36.73 -0.17 0.00	35.28 -0.29 0.00	39.32 -0.34 0.00	40.03 -0.57 0.00	40.13 -0.69 0.00	39.81 -0.82 0.00	48.73 -0.83 0.00	47.16 -0.71 -0.02	45.56 -0.22 0.00	43.15 0.05 0.00	38.60 0.07 0.00	34.73 0.31 0.00	36.69 0.53 0.00	42.35 0.57 0.00
LOWER___HUDSON 24059	34.53 1.17 0.00	29.58 1.02 0.00	27.94 0.97 0.00	27.07 0.92 0.00	29.58 1.03 0.00	28.59 0.94 0.00	44.60 1.42 0.00	36.65 1.30 0.00	40.81 1.42 0.00	41.60 1.48 0.00	38.18 1.27 0.00	36.72 1.14 0.00	40.76 1.10 0.00	41.82 1.22 0.00	42.16 1.34 0.00	42.02 1.39 0.00	51.13 1.57 0.00	49.59 1.73 0.00	47.52 1.73 0.00	44.66 1.56 0.00	39.93 1.40 0.00	35.44 1.13 0.11	37.23 1.14 0.08	42.96 1.17 0.00
LOWVILLE_115KV_TB2 356335	34.62 1.26 0.00	29.53 0.97 0.00	27.88 0.90 0.00	27.02 0.88 0.00	29.52 0.97 0.00	28.68 1.03 0.00	45.03 1.85 0.00	36.66 1.31 0.00	40.47 1.08 0.00	40.91 0.79 0.00	37.43 0.52 0.00	36.00 0.42 0.00	40.20 0.54 0.00	41.23 0.62 0.00	41.53 0.70 0.00	41.46 0.82 0.00	50.97 1.41 0.00	49.79 1.90 -0.03	48.11 2.32 0.00	45.40 2.29 0.00	40.16 1.63 0.00	35.39 0.96 0.00	37.29 1.13 0.00	42.78 0.99 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.05 1.68 0.00	29.97 1.41 0.00	28.31 1.34 0.00	27.44 1.29 0.00	29.97 1.43 0.00	29.01 1.35 0.00	45.35 2.17 0.00	37.27 1.92 0.00	41.50 2.11 0.00	42.28 2.16 0.00	38.73 1.83 0.00	37.16 1.59 0.00	41.28 1.63 0.00	42.42 1.82 0.00	42.82 1.99 0.00	42.69 2.06 0.00	52.12 2.56 0.00	50.67 2.81 0.00	48.59 2.81 0.00	45.69 2.58 0.00	40.81 2.28 0.00	36.21 1.88 0.09	38.00 1.90 0.06	43.81 2.02 0.00

LUTHERNY_35_KV_BK2 355980	35.05 1.69 0.00	29.95 1.39 0.00	28.31 1.34 0.00	27.45 1.31 0.00	29.97 1.42 0.00	29.00 1.34 0.00	45.38 2.20 0.00	37.29 1.93 0.00	41.50 2.10 0.00	42.32 2.20 0.00	38.74 1.84 0.00	37.17 1.59 0.00	41.33 1.68 0.00	42.45 1.85 0.00	42.84 2.01 0.00	42.71 2.08 0.00	52.16 2.60 0.00	50.69 2.83 0.00	48.64 2.86 0.00	45.72 2.62 0.00	40.85 2.31 0.00	36.23 1.89 0.09	38.02 1.92 0.06	43.82 2.04 0.00
LWR___OSWEGATCHIE_HYD 23850	34.08 0.72 0.00	29.13 0.57 0.00	27.49 0.53 0.00	26.64 0.50 0.00	29.11 0.56 0.00	28.26 0.60 0.00	44.29 1.11 0.00	36.13 0.78 0.00	40.03 0.64 0.00	40.52 0.39 0.00	37.04 0.13 0.00	35.58 0.00 0.00	39.69 0.04 0.00	40.57 -0.03 0.00	40.78 -0.04 0.00	40.60 -0.03 0.00	49.84 0.28 0.00	48.51 0.62 -0.03	46.90 1.12 0.00	44.35 1.25 0.00	39.45 0.92 0.00	35.13 0.70 0.00	37.06 0.90 0.00	42.64 0.85 0.00
LYONS_FALL_HYD 23570	34.45 1.09 0.00	29.41 0.85 0.00	27.75 0.78 0.00	26.91 0.76 0.00	29.38 0.83 0.00	28.53 0.88 0.00	44.77 1.59 0.00	36.52 1.17 0.00	40.39 0.99 0.00	40.90 0.78 0.00	37.48 0.57 0.00	36.09 0.51 0.00	40.27 0.61 0.00	41.32 0.71 0.00	41.62 0.80 0.00	41.52 0.89 0.00	50.95 1.39 0.00	49.67 1.79 -0.03	47.83 2.05 0.00	45.08 1.97 0.00	40.00 1.46 0.00	35.38 0.95 0.00	37.21 1.04 0.00	42.75 0.97 0.00
MADISON___COUNTY_LFGE 323628	34.30 0.93 0.00	29.26 0.70 0.00	27.62 0.65 0.00	26.78 0.63 0.00	29.22 0.68 0.00	28.37 0.72 0.00	44.50 1.32 0.00	36.39 1.04 0.00	40.26 0.87 0.00	40.82 0.70 0.00	37.48 0.57 0.00	36.14 0.56 0.00	40.35 0.69 0.00	41.50 0.89 0.00	41.86 1.04 0.00	41.70 1.06 0.00	51.04 1.48 0.00	49.67 1.78 -0.03	47.64 1.86 0.00	44.81 1.71 0.00	39.90 1.37 0.00	35.45 1.02 0.00	37.15 0.99 0.00	42.84 1.06 0.00
MALONE___115KV_TB1 356076	34.06 0.70 0.00	29.16 0.60 0.00	27.53 0.56 0.00	26.68 0.53 0.00	29.14 0.60 0.00	28.28 0.63 0.00	44.19 1.01 0.00	36.31 0.96 0.00	40.40 1.01 0.00	41.11 0.98 0.00	37.61 0.71 0.00	36.19 0.62 0.00	40.33 0.67 0.00	41.06 0.46 0.00	41.18 0.36 0.00	40.86 0.22 0.00	50.07 0.51 0.00	48.27 0.41 0.00	46.43 0.65 0.00	43.71 0.61 0.00	39.12 0.59 0.00	34.97 0.55 0.00	36.86 0.70 0.00	42.61 0.83 0.00
MAPLEWOD_115KV_TB3 80458	34.33 0.96 0.00	29.38 0.82 0.00	27.74 0.77 0.00	26.86 0.72 0.00	29.35 0.80 0.00	28.39 0.73 0.00	44.34 1.16 0.00	36.44 1.09 0.00	40.58 1.19 0.00	41.36 1.25 0.00	37.99 1.08 0.00	36.54 0.97 0.00	40.61 0.96 0.00	41.71 1.11 0.00	42.05 1.24 0.00	41.91 1.28 0.00	51.08 1.52 0.00	49.54 1.68 0.00	47.42 1.64 0.00	44.55 1.45 0.00	39.79 1.26 0.00	35.34 1.00 0.09	37.08 0.98 0.06	42.75 0.97 0.00
MAPLE_RIDGE_WT_1 323574	33.25 -0.11 0.00	28.51 -0.05 0.00	26.92 -0.05 0.00	26.08 -0.06 0.00	28.50 -0.05 0.00	27.60 -0.05 0.00	43.07 -0.11 0.00	35.20 -0.15 0.00	39.34 -0.06 0.00	40.11 -0.01 0.00	36.84 -0.07 0.00	35.53 -0.04 0.00	39.59 -0.07 0.00	40.44 -0.16 0.00	40.57 -0.25 0.00	40.28 -0.35 0.00	49.19 -0.37 0.00	47.44 -0.41 0.00	45.43 -0.35 0.00	42.75 -0.35 0.00	38.05 -0.48 0.00	33.91 -0.51 0.00	35.51 -0.66 0.00	40.99 -0.79 0.00
MAPLE_RIDGE_WT_2 323611	33.25 -0.11 0.00	28.51 -0.05 0.00	26.92 -0.05 0.00	26.08 -0.06 0.00	28.50 -0.05 0.00	27.60 -0.05 0.00	43.07 -0.11 0.00	35.20 -0.15 0.00	39.34 -0.06 0.00	40.11 -0.01 0.00	36.84 -0.07 0.00	35.53 -0.04 0.00	39.59 -0.07 0.00	40.44 -0.16 0.00	40.57 -0.25 0.00	40.28 -0.35 0.00	49.19 -0.37 0.00	47.44 -0.41 0.00	45.43 -0.35 0.00	42.75 -0.35 0.00	38.05 -0.48 0.00	33.91 -0.51 0.00	35.51 -0.66 0.00	40.99 -0.79 0.00
MARBLE_RIVER_WT_PWR 323696	34.04 0.68 0.00	29.13 0.57 0.00	27.52 0.55 0.00	26.65 0.51 0.00	29.13 0.58 0.00	28.27 0.61 0.00	44.08 0.91 0.00	36.26 0.91 0.00	40.37 0.98 0.00	41.17 1.05 0.00	37.70 0.79 0.00	36.26 0.68 0.00	40.38 0.72 0.00	41.13 0.53 0.00	41.23 0.40 0.00	40.94 0.30 0.00	50.16 0.60 0.00	48.25 0.40 0.00	46.32 0.53 0.00	43.40 0.30 0.00	38.86 0.32 0.00	34.65 0.22 0.00	36.51 0.35 0.00	42.34 0.56 0.00
MARSHVLE_115KV_TB1 80742	35.34 1.97 0.00	30.14 1.58 0.00	28.47 1.50 0.00	27.63 1.48 0.00	30.16 1.61 0.00	29.31 1.66 0.00	46.03 2.84 0.00	37.63 2.28 0.00	41.46 2.07 0.00	41.54 1.42 0.00	37.86 0.95 0.00	36.36 0.78 0.00	40.62 0.96 0.00	41.96 1.35 0.00	42.28 1.46 0.00	42.07 1.44 0.00	51.70 2.14 0.00	50.62 2.76 0.00	48.91 3.13 0.00	46.19 3.09 0.00	41.13 2.60 0.00	36.60 2.23 0.05	38.43 2.31 0.04	44.39 2.60 0.00
MARSH_HILL_WT_PWR 323713	34.06 0.70 0.00	28.94 0.38 0.00	27.19 0.21 0.00	26.47 0.32 0.00	29.46 0.92 0.00	28.97 1.32 0.00	45.59 2.41 0.00	37.44 2.09 0.00	41.02 1.63 0.00	41.64 1.52 0.00	38.14 1.24 0.00	36.61 1.03 0.00	40.76 1.11 0.00	42.62 2.02 0.00	43.23 2.40 0.00	42.97 2.34 0.00	53.07 3.51 0.00	51.64 3.76 -0.02	48.74 2.95 0.00	45.35 2.25 0.00	40.23 1.70 0.00	35.52 1.10 0.00	37.53 1.36 0.00	43.02 1.23 0.00
MCINTYRE_115KV_TB2 80467	34.21 0.85 0.00	29.34 0.78 0.00	27.69 0.71 0.00	26.84 0.69 0.00	29.31 0.76 0.00	28.45 0.79 0.00	44.51 1.33 0.00	36.36 1.00 0.00	40.42 1.02 0.00	40.70 0.58 0.00	37.07 0.17 0.00	35.68 0.11 0.00	39.77 0.11 0.00	40.46 -0.14 0.00	40.61 -0.21 0.00	40.27 -0.37 0.00	49.20 -0.36 0.00	47.75 -0.12 -0.01	46.49 0.70 0.00	44.24 1.13 0.00	39.57 1.03 0.00	35.46 1.04 0.00	37.36 1.19 0.00	43.10 1.32 0.00
MECO_____69_KV_BK1 80468	35.57 2.21 0.00	30.35 1.79 0.00	28.65 1.68 0.00	27.78 1.64 0.00	30.34 1.79 0.00	29.46 1.80 0.00	46.26 3.09 0.00	37.92 2.57 0.00	41.84 2.44 0.00	41.80 1.68 0.00	37.57 0.66 0.00	36.08 0.51 0.00	40.14 0.48 0.00	41.55 0.95 0.00	41.73 0.91 0.00	41.51 0.88 0.00	51.14 1.58 0.00	50.59 2.74 0.00	49.35 3.57 0.00	46.69 3.59 0.00	41.63 3.10 0.00	36.96 2.59 0.06	38.74 2.62 0.04	44.66 2.87 0.00
MENANDS___115KV_TB5 355628	34.09 0.72 0.00	29.18 0.62 0.00	27.56 0.59 0.00	26.69 0.54 0.00	29.15 0.61 0.00	28.19 0.54 0.00	44.02 0.84 0.00	36.18 0.83 0.00	40.31 0.91 0.00	41.09 0.97 0.00	37.76 0.85 0.00	36.34 0.77 0.00	40.39 0.73 0.00	41.48 0.87 0.00	41.80 0.98 0.00	41.66 1.03 0.00	50.73 1.17 0.00	49.17 1.32 0.00	47.06 1.28 0.00	44.20 1.09 0.00	39.49 0.96 0.00	35.08 0.74 0.09	36.81 0.71 0.06	42.45 0.66 0.00
MG INDUSTRY___DRP 24185	34.16 0.79 0.00	29.23 0.67 0.00	27.63 0.65 0.00	26.77 0.63 0.00	29.26 0.71 0.00	28.29 0.64 0.00	44.15 0.97 0.00	36.22 0.87 0.00	40.29 0.90 0.00	41.06 0.94 0.00	37.68 0.77 0.00	36.16 0.58 0.00	40.11 0.45 0.00	41.23 0.62 0.00	41.52 0.70 0.00	41.39 0.76 0.00	50.38 0.82 0.00	48.98 1.12 0.00	46.98 1.19 0.00	44.19 1.08 0.00	39.50 0.97 0.00	35.15 0.78 0.05	36.89 0.77 0.04	42.56 0.77 0.00

MID___OSWEGATCHIE_HYD 23849	34.08 0.72 0.00	29.13 0.57 0.00	27.49 0.53 0.00	26.64 0.50 0.00	29.11 0.56 0.00	28.26 0.60 0.00	44.29 1.11 0.00	36.13 0.78 0.00	40.03 0.64 0.00	40.52 0.39 0.00	37.04 0.13 0.00	35.58 0.00 0.00	39.69 0.04 0.00	40.57 -0.03 0.00	40.78 -0.04 0.00	40.60 -0.03 0.00	49.84 0.28 0.00	48.51 0.62 -0.03	46.90 1.12 0.00	44.35 1.25 0.00	39.45 0.92 0.00	35.13 0.70 0.00	37.06 0.90 0.00	42.64 0.85 0.00
MID___RAQUETTE_HYD 23851	33.51 0.15 0.00	28.74 0.18 0.00	27.12 0.14 0.00	26.28 0.14 0.00	28.71 0.16 0.00	27.85 0.20 0.00	43.53 0.35 0.00	35.59 0.23 0.00	39.65 0.26 0.00	40.23 0.11 0.00	36.73 -0.17 0.00	35.28 -0.29 0.00	39.32 -0.34 0.00	40.03 -0.57 0.00	40.13 -0.69 0.00	39.81 -0.82 0.00	48.74 -0.83 0.00	47.16 -0.71 -0.02	45.56 -0.22 0.00	43.15 0.05 0.00	38.60 0.07 0.00	34.73 0.31 0.00	36.69 0.53 0.00	42.35 0.57 0.00
MILLIKEN___1 23584	34.04 0.68 0.00	28.99 0.44 0.00	27.37 0.40 0.00	26.55 0.40 0.00	29.02 0.47 0.00	28.19 0.53 0.00	44.15 0.97 0.00	36.17 0.82 0.00	39.99 0.60 0.00	40.50 0.38 0.00	37.15 0.24 0.00	35.76 0.19 0.00	39.94 0.28 0.00	41.28 0.67 0.00	41.65 0.83 0.00	41.59 0.95 0.00	50.94 1.38 0.00	49.63 1.74 -0.04	47.55 1.77 0.00	44.64 1.53 0.00	39.79 1.26 0.00	35.28 0.85 0.00	37.02 0.85 0.00	42.75 0.97 0.00
MILLIKEN___2 23585	34.04 0.68 0.00	28.99 0.44 0.00	27.37 0.40 0.00	26.55 0.40 0.00	29.02 0.47 0.00	28.19 0.53 0.00	44.15 0.97 0.00	36.17 0.82 0.00	39.99 0.60 0.00	40.50 0.38 0.00	37.15 0.24 0.00	35.76 0.19 0.00	39.94 0.28 0.00	41.28 0.67 0.00	41.65 0.83 0.00	41.59 0.95 0.00	50.94 1.38 0.00	49.63 1.74 -0.04	47.55 1.77 0.00	44.64 1.53 0.00	39.79 1.26 0.00	35.28 0.85 0.00	37.02 0.85 0.00	42.75 0.97 0.00
MILLIKEN___DIESEL 23629	34.04 0.68 0.00	28.99 0.44 0.00	27.37 0.40 0.00	26.55 0.40 0.00	29.02 0.47 0.00	28.19 0.53 0.00	44.15 0.97 0.00	36.17 0.82 0.00	39.99 0.60 0.00	40.50 0.38 0.00	37.15 0.24 0.00	35.76 0.19 0.00	39.94 0.28 0.00	41.28 0.67 0.00	41.65 0.83 0.00	41.59 0.95 0.00	50.94 1.38 0.00	49.63 1.74 -0.04	47.55 1.77 0.00	44.64 1.53 0.00	39.79 1.26 0.00	35.28 0.85 0.00	37.02 0.85 0.00	42.75 0.97 0.00
MILLSEAT___LFGE 323607	33.43 0.07 0.00	28.43 -0.13 0.00	26.79 -0.19 0.00	26.01 -0.14 0.00	28.41 -0.14 0.00	27.80 0.15 0.00	43.05 -0.13 0.00	34.96 -0.40 0.00	38.21 -1.18 0.00	39.07 -1.04 0.00	35.92 -0.98 0.00	34.60 -0.98 0.00	38.62 -1.03 0.00	40.42 -0.18 0.00	40.92 0.10 0.00	40.86 0.22 0.00	50.21 0.65 0.00	48.68 0.82 0.00	45.69 -0.09 0.00	43.07 -0.04 0.00	38.64 0.11 0.00	34.28 -0.14 0.00	36.60 0.43 0.00	42.56 0.78 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.74 1.38 0.00	29.63 1.07 0.00	27.91 0.94 0.00	27.00 0.86 0.00	29.44 0.90 0.00	28.57 0.92 0.00	44.78 1.61 0.00	36.95 1.60 0.00	41.15 1.76 0.00	41.83 1.71 0.00	38.57 1.67 0.00	37.27 1.69 0.00	41.52 1.86 0.00	42.72 2.11 0.00	43.06 2.24 0.00	42.88 2.25 0.00	52.29 2.73 0.00	50.60 2.74 0.00	48.19 2.41 0.00	45.20 2.10 0.00	40.31 1.78 0.00	36.05 1.54 -0.09	37.73 1.51 -0.06	43.38 1.59 0.00
MILLWOOD_13_KV_LOAD 356217	34.83 1.47 0.00	29.71 1.15 0.00	27.98 1.00 0.00	27.06 0.92 0.00	29.51 0.96 0.00	28.64 0.98 0.00	44.90 1.72 0.00	37.05 1.70 0.00	41.27 1.88 0.00	41.96 1.84 0.00	38.68 1.77 0.00	37.37 1.80 0.00	41.64 1.98 0.00	42.85 2.25 0.00	43.20 2.37 0.00	43.01 2.38 0.00	52.47 2.90 0.00	50.77 2.91 0.00	48.35 2.56 0.00	45.33 2.22 0.00	40.44 1.91 0.00	36.17 1.66 -0.09	37.84 1.62 -0.06	43.50 1.72 0.00
MODEL_CITY_ENERGY 24167	32.53 -0.84 0.00	27.70 -0.86 0.00	26.10 -0.87 0.00	25.35 -0.79 0.00	27.69 -0.86 0.00	27.09 -0.56 0.00	41.77 -1.41 0.00	33.83 -1.52 0.00	36.93 -2.47 0.00	37.89 -2.22 0.00	34.90 -2.00 0.00	33.64 -1.94 0.00	37.52 -2.14 0.00	39.23 -1.37 0.00	39.71 -1.11 0.00	39.62 -1.02 0.00	48.60 -0.96 0.00	46.84 -1.01 0.01	43.83 -1.95 0.00	41.26 -1.85 0.00	37.10 -1.43 0.00	33.02 -1.41 0.00	35.41 -0.76 0.00	41.34 -0.45 0.00
MODERN_LFGE___ 323580	32.53 -0.84 0.00	27.70 -0.86 0.00	26.10 -0.87 0.00	25.35 -0.79 0.00	27.69 -0.86 0.00	27.09 -0.56 0.00	41.77 -1.41 0.00	33.83 -1.52 0.00	36.93 -2.47 0.00	37.89 -2.22 0.00	34.90 -2.00 0.00	33.64 -1.94 0.00	37.52 -2.14 0.00	39.23 -1.37 0.00	39.71 -1.11 0.00	39.62 -1.02 0.00	48.60 -0.96 0.00	46.84 -1.01 0.01	43.83 -1.95 0.00	41.26 -1.85 0.00	37.10 -1.43 0.00	33.02 -1.41 0.00	35.41 -0.76 0.00	41.34 -0.45 0.00
MOHAWK_PAPER___DRP 24187	34.33 0.96 0.00	29.38 0.82 0.00	27.74 0.77 0.00	26.86 0.72 0.00	29.35 0.80 0.00	28.39 0.73 0.00	44.34 1.16 0.00	36.44 1.09 0.00	40.58 1.19 0.00	41.36 1.25 0.00	37.99 1.08 0.00	36.54 0.97 0.00	40.61 0.96 0.00	41.71 1.11 0.00	42.05 1.24 0.00	41.91 1.28 0.00	51.08 1.52 0.00	49.54 1.68 0.00	47.42 1.64 0.00	44.55 1.45 0.00	39.79 1.26 0.00	35.34 1.00 0.09	37.08 0.98 0.06	42.75 0.97 0.00
MOHICAN___35_KV_115KV_LD 80490	35.46 2.10 0.00	30.29 1.73 0.00	28.64 1.67 0.00	27.75 1.61 0.00	30.35 1.80 0.00	29.40 1.74 0.00	45.91 2.73 0.00	37.83 2.48 0.00	42.26 2.87 0.00	43.06 2.94 0.00	39.40 2.50 0.00	37.70 2.13 0.00	41.78 2.12 0.00	42.96 2.36 0.00	43.38 2.56 0.00	43.34 2.70 0.00	53.01 3.45 0.00	51.54 3.68 0.00	49.50 3.72 0.00	46.61 3.50 0.00	41.67 3.14 0.00	36.90 2.57 0.09	38.74 2.65 0.06	44.56 2.77 0.00
MONGAUP___HYD 23641	34.75 1.38 0.00	29.63 1.07 0.00	27.93 0.95 0.00	27.03 0.89 0.00	29.48 0.93 0.00	28.59 0.94 0.00	44.83 1.65 0.00	36.94 1.59 0.00	41.06 1.67 0.00	41.50 1.38 0.00	38.06 1.16 0.00	36.59 1.02 0.00	40.77 1.11 0.00	42.09 1.48 0.00	42.31 1.49 0.00	42.11 1.47 0.00	51.62 2.06 0.00	50.16 2.30 0.00	48.25 2.47 0.00	45.39 2.28 0.00	40.56 2.02 0.00	36.19 1.69 -0.07	37.83 1.61 -0.05	43.47 1.69 0.00
MONTAUK___DIESEL 23721	32.97 -0.40 0.00	28.66 0.11 0.00	26.95 -0.02 0.00	25.92 -0.08 0.15	28.34 -0.18 0.03	27.70 0.05 0.00	43.82 0.12 -0.51	42.59 0.84 -6.40	40.35 0.95 0.00	40.87 0.75 0.00	37.26 0.36 0.00	36.09 0.52 0.00	40.30 0.64 0.00	41.76 1.15 0.00	41.65 0.83 0.00	41.58 0.95 0.00	50.21 0.65 0.00	48.87 1.02 0.00	46.44 0.66 0.00	44.18 1.08 0.00	39.31 0.78 0.00	35.15 0.64 -0.09	36.57 0.34 -0.06	41.79 0.01 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.90 0.53 0.00	28.78 0.23 0.00	27.13 0.16 0.00	26.24 0.10 0.00	28.74 0.19 0.00	28.20 0.54 0.00	44.16 0.98 0.00	36.01 0.66 0.00	39.46 0.07 0.00	40.55 0.43 0.00	37.65 0.74 0.00	36.36 0.79 0.00	40.63 0.97 0.00	42.54 1.94 0.00	43.14 2.32 0.00	42.86 2.23 0.00	52.77 3.21 0.00	50.97 3.11 0.00	47.68 1.89 0.00	44.58 1.48 0.00	39.93 1.39 0.00	35.25 0.83 0.00	37.41 1.25 0.00	42.92 1.13 0.00

MORRIS_RIDGE___SOLAR 323848	33.17 -0.20 0.00	28.24 -0.32 0.00	26.65 -0.33 0.00	25.84 -0.30 0.00	28.30 -0.25 0.00	27.69 0.03 0.00	43.18 0.00 0.00	35.19 -0.17 0.00	38.69 -0.71 0.00	39.60 -0.52 0.00	36.47 -0.44 0.00	35.16 -0.42 0.00	39.21 -0.44 0.00	40.92 0.32 0.00	41.41 0.59 0.00	41.21 0.58 0.00	50.61 1.04 0.00	49.01 1.14 -0.01	46.09 0.30 0.00	43.15 0.05 0.00	38.62 0.09 0.00	34.21 -0.21 0.00	36.27 0.10 0.00	41.94 0.16 0.00
MORTIMER_115KV_TB3 55949	33.00 -0.36 0.00	28.10 -0.45 0.00	26.51 -0.46 0.00	25.71 -0.43 0.00	28.09 -0.46 0.00	27.41 -0.25 0.00	42.57 -0.62 0.00	34.65 -0.70 0.00	38.15 -1.25 0.00	39.02 -1.10 0.00	35.98 -0.93 0.00	34.70 -0.88 0.00	38.81 -0.85 0.00	40.30 -0.30 0.00	40.75 -0.07 0.00	40.69 0.06 0.00	49.94 0.38 0.00	48.34 0.49 0.00	45.69 -0.09 0.00	43.01 -0.09 0.00	38.49 -0.04 0.00	34.16 -0.27 0.00	36.22 0.05 0.00	41.97 0.19 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.11 1.75 0.00	29.94 1.37 0.00	28.19 1.22 0.00	27.26 1.12 0.00	29.71 1.16 0.00	28.86 1.20 0.00	45.25 2.07 0.00	37.38 2.03 0.00	41.65 2.25 0.00	42.31 2.19 0.00	39.06 2.16 0.00	37.76 2.18 0.00	42.01 2.35 0.00	43.24 2.64 0.00	43.58 2.76 0.00	43.38 2.75 0.00	52.86 3.30 0.00	51.13 3.27 0.00	48.62 2.84 0.00	45.61 2.50 0.00	40.74 2.20 0.00	36.48 1.96 -0.09	38.19 1.96 -0.06	43.91 2.12 0.00
MUNSVILLE_WIND_PWR 323609	35.73 2.37 0.00	30.38 1.82 0.00	28.71 1.73 0.00	27.84 1.69 0.00	30.41 1.86 0.00	29.61 1.95 0.00	46.66 3.48 0.00	38.23 2.87 0.00	42.06 2.67 0.00	42.15 2.03 0.00	38.56 1.65 0.00	37.18 1.61 0.00	41.66 2.01 0.00	43.21 2.61 0.00	43.53 2.71 0.00	43.67 3.04 0.00	53.44 3.88 0.00	52.20 4.32 -0.03	50.38 4.60 0.00	47.24 4.13 0.00	41.79 3.26 0.00	36.80 2.37 0.00	38.45 2.28 0.00	44.21 2.43 0.00
N SALMON___HYD 24042	34.06 0.70 0.00	29.16 0.60 0.00	27.53 0.56 0.00	26.68 0.53 0.00	29.14 0.60 0.00	28.28 0.63 0.00	44.19 1.01 0.00	36.31 0.96 0.00	40.40 1.01 0.00	41.10 0.98 0.00	37.61 0.71 0.00	36.19 0.62 0.00	40.33 0.67 0.00	41.06 0.46 0.00	41.18 0.36 0.00	40.86 0.22 0.00	50.07 0.51 0.00	48.27 0.41 0.00	46.43 0.65 0.00	43.71 0.61 0.00	39.12 0.59 0.00	34.97 0.55 0.00	36.86 0.70 0.00	42.61 0.83 0.00
N.AKRON__115KV_KNAPP 355671	33.33 -0.04 0.00	28.35 -0.21 0.00	26.71 -0.26 0.00	25.93 -0.22 0.00	28.32 -0.22 0.00	27.72 0.07 0.00	42.88 -0.30 0.00	34.81 -0.54 0.00	38.06 -1.33 0.00	38.97 -1.15 0.00	35.85 -1.05 0.00	34.57 -1.00 0.00	38.56 -1.10 0.00	40.43 -0.17 0.00	40.93 0.11 0.00	40.79 0.16 0.00	50.09 0.53 0.00	48.45 0.60 0.00	45.43 -0.36 0.00	42.80 -0.31 0.00	38.42 -0.11 0.00	34.09 -0.33 0.00	36.46 0.29 0.00	42.42 0.63 0.00
N.BELMOR_69_KV_BK1 55787	35.41 2.05 0.00	30.27 1.71 0.00	28.46 1.49 0.00	27.46 1.32 0.00	29.97 1.42 0.00	29.15 1.49 0.00	46.14 2.45 -0.51	44.26 2.51 -6.40	42.09 2.69 0.00	42.63 2.51 0.00	39.08 2.17 0.00	37.84 2.26 0.00	42.10 2.44 0.00	43.40 2.80 0.00	43.64 2.82 0.00	43.50 2.87 0.00	52.78 3.22 0.00	51.26 3.40 0.00	48.69 2.91 0.00	45.85 2.74 0.00	40.94 2.41 0.00	36.71 2.19 -0.09	38.31 2.08 -0.06	43.95 2.17 0.00
N.E_GEN_SANDY PD 24062	34.38 1.01 0.00	29.43 0.87 0.00	27.79 0.81 0.00	26.90 0.75 0.00	29.38 0.83 0.00	29.16 0.76 -0.73	44.36 1.18 0.00	36.50 1.15 0.00	40.64 1.24 0.00	42.64 1.30 -1.22	38.10 1.19 0.00	36.90 1.13 -0.19	39.56 1.09 1.19	42.14 1.18 -0.35	42.83 1.30 -0.70	40.46 1.33 1.50	55.92 1.47 -4.90	49.39 1.53 0.00	43.95 1.45 3.28	42.54 1.29 1.85	39.64 1.11 0.00	34.70 0.89 0.62	37.02 0.89 0.04	42.43 0.89 0.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.63 1.27 0.00	29.54 0.98 0.00	27.82 0.84 0.00	26.91 0.76 0.00	29.34 0.79 0.00	28.47 0.81 0.00	44.65 1.46 0.00	36.81 1.45 0.00	40.99 1.60 0.00	41.67 1.55 0.00	38.43 1.52 0.00	37.14 1.56 0.00	41.43 1.78 0.00	42.67 2.07 0.00	43.05 2.23 0.00	42.87 2.24 0.00	52.35 2.79 0.00	50.68 2.82 0.00	48.25 2.47 0.00	45.20 2.10 0.00	40.27 1.74 0.00	35.98 1.47 -0.08	37.63 1.40 -0.06	43.26 1.48 0.00
N.QUEENS_27_KV_LOAD 356247	35.25 1.88 0.00	30.01 1.45 0.00	28.25 1.27 0.00	27.30 1.15 0.00	29.78 1.23 0.00	28.96 1.30 0.00	45.41 2.23 0.00	37.53 2.17 0.00	41.80 2.40 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.15 2.49 0.00	43.36 2.75 0.00	43.70 2.88 0.00	43.41 2.78 0.00	52.95 3.39 0.00	51.22 3.37 0.00	48.68 2.90 0.00	45.68 2.57 -0.01	40.86 2.32 0.00	36.60 2.09 -0.09	38.34 2.12 -0.06	44.13 2.34 0.00
N.TROY___115KV_TB1 355778	34.53 1.17 0.00	29.58 1.02 0.00	27.94 0.97 0.00	27.07 0.92 0.00	29.58 1.03 0.00	28.59 0.94 0.00	44.60 1.42 0.00	36.64 1.29 0.00	40.81 1.42 0.00	41.60 1.48 0.00	38.18 1.27 0.00	36.72 1.14 0.00	40.76 1.10 0.00	41.82 1.22 0.00	42.16 1.34 0.00	42.02 1.38 0.00	51.13 1.57 0.00	49.59 1.73 0.00	47.52 1.74 0.00	44.66 1.56 0.00	39.93 1.40 0.00	35.44 1.13 0.11	37.22 1.14 0.08	42.96 1.17 0.00
NARROWS_GT1_1 24228	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT1_2 24229	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT1_3 24230	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT1_4 24231	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00

NARROWS_GT1_5 24232	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT1_6 24233	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT1_7 24234	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT1_8 24235	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT2_1 24236	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT2_2 24237	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT2_3 24238	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT2_4 24239	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT2_5 24240	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT2_6 24241	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT2_7 24242	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NARROWS_GT2_8 24243	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.19 3.63 0.00	51.40 3.54 0.00	48.86 3.08 0.00	45.85 2.75 0.00	41.02 2.49 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.72 1.35 0.00	29.69 1.13 0.00	28.05 1.08 0.00	27.18 1.04 0.00	29.72 1.17 0.00	28.76 1.10 0.00	44.95 1.77 0.00	36.95 1.59 0.00	41.08 1.69 0.00	41.85 1.73 0.00	38.31 1.40 0.00	36.63 1.05 0.00	40.58 0.92 0.00	41.64 1.03 0.00	42.03 1.21 0.00	41.92 1.28 0.00	51.20 1.64 0.00	50.04 2.19 0.00	48.29 2.50 0.00	45.48 2.37 0.00	40.57 2.03 0.00	36.00 1.61 0.04	37.68 1.54 0.03	43.32 1.54 0.00
NCHELSEA_115KV_TR2 355582	34.90 1.54 0.00	29.76 1.20 0.00	28.05 1.08 0.00	27.14 0.99 0.00	29.61 1.06 0.00	28.73 1.07 0.00	45.03 1.85 0.00	37.14 1.78 0.00	41.35 1.96 0.00	42.03 1.91 0.00	38.73 1.83 0.00	37.42 1.84 0.00	41.72 2.06 0.00	42.90 2.30 0.00	43.26 2.44 0.00	43.09 2.46 0.00	52.60 3.04 0.00	50.94 3.08 0.00	48.56 2.78 0.00	45.54 2.44 0.00	40.60 2.06 0.00	36.25 1.75 -0.07	37.92 1.71 -0.05	43.58 1.80 0.00
NEG CAPITAL___MECHNVIL 23645	35.05 1.69 0.00	29.97 1.41 0.00	28.31 1.34 0.00	27.43 1.28 0.00	29.97 1.42 0.00	29.02 1.36 0.00	45.33 2.15 0.00	37.27 1.92 0.00	41.50 2.11 0.00	42.28 2.16 0.00	38.75 1.85 0.00	37.21 1.63 0.00	41.32 1.66 0.00	42.47 1.87 0.00	42.87 2.04 0.00	42.74 2.11 0.00	52.17 2.61 0.00	50.76 2.90 0.00	48.64 2.85 0.00	45.71 2.60 0.00	40.82 2.29 0.00	36.22 1.90 0.10	37.98 1.88 0.07	43.77 1.99 0.00

NEG CENTRAL_HIGH_ACRES 23767	32.48 -0.88 0.00	27.68 -0.88 0.00	26.10 -0.88 0.00	25.33 -0.82 0.00	27.67 -0.88 0.00	26.97 -0.69 0.00	42.00 -1.18 0.00	34.24 -1.11 0.00	37.77 -1.62 0.00	38.55 -1.57 0.00	35.55 -1.36 0.00	34.28 -1.29 0.00	38.36 -1.30 0.00	39.78 -0.83 0.00	40.21 -0.61 0.00	40.15 -0.48 0.00	49.29 -0.27 0.00	47.70 -0.15 0.00	45.19 -0.59 0.00	42.49 -0.61 0.00	37.96 -0.57 0.00	33.69 -0.74 0.00	35.63 -0.54 0.00	41.23 -0.55 0.00
NEG CENTRAL___DRP 24199	33.30 -0.07 0.00	28.38 -0.18 0.00	26.79 -0.18 0.00	25.99 -0.16 0.00	28.42 -0.13 0.00	27.67 0.02 0.00	43.23 0.05 0.00	35.40 0.04 0.00	39.07 -0.32 0.00	39.76 -0.36 0.00	36.63 -0.27 0.00	35.26 -0.31 0.00	39.29 -0.37 0.00	40.69 0.08 0.00	41.12 0.30 0.00	40.96 0.33 0.00	50.32 0.76 0.00	48.93 1.02 -0.05	46.55 0.77 0.00	43.66 0.55 0.00	38.96 0.43 0.00	34.64 0.21 0.00	36.45 0.29 0.00	42.09 0.31 0.00
NEG CENTRAL___INDECK 23768	34.10 0.74 0.00	28.98 0.42 0.00	27.33 0.35 0.00	26.49 0.35 0.00	29.00 0.45 0.00	28.40 0.74 0.00	44.32 1.14 0.00	36.17 0.82 0.00	39.61 0.21 0.00	40.09 -0.03 0.00	36.77 -0.14 0.00	35.46 -0.11 0.00	39.64 -0.01 0.00	41.27 0.66 0.00	41.73 0.91 0.00	41.67 1.03 0.00	51.25 1.69 0.00	49.95 2.09 0.00	47.44 1.66 0.00	44.89 1.78 0.00	40.16 1.63 0.00	35.52 1.10 0.00	37.56 1.40 0.00	43.35 1.57 0.00
NEG CENTRAL___SENECA 23627	33.43 0.07 0.00	28.50 -0.06 0.00	26.89 -0.09 0.00	26.09 -0.06 0.00	28.54 -0.01 0.00	27.82 0.16 0.00	43.42 0.24 0.00	35.61 0.26 0.00	39.21 -0.19 0.00	39.89 -0.23 0.00	36.75 -0.16 0.00	35.39 -0.19 0.00	39.38 -0.28 0.00	40.90 0.30 0.00	41.35 0.53 0.00	41.22 0.59 0.00	50.69 1.13 0.00	49.32 1.44 -0.03	46.90 1.12 0.00	43.94 0.84 0.00	39.21 0.68 0.00	34.84 0.41 0.00	36.71 0.54 0.00	42.33 0.55 0.00
NEG CENTRAL___STATE_STREET 24147	33.29 -0.07 0.00	28.41 -0.15 0.00	26.81 -0.16 0.00	26.01 -0.14 0.00	28.43 -0.12 0.00	27.65 -0.01 0.00	43.35 0.16 0.00	35.41 0.06 0.00	39.21 -0.18 0.00	39.89 -0.23 0.00	36.75 -0.15 0.00	35.38 -0.20 0.00	39.46 -0.20 0.00	40.73 0.12 0.00	41.15 0.33 0.00	40.83 0.20 0.00	50.21 0.65 0.00	48.75 0.82 -0.07	46.36 0.58 0.00	43.61 0.51 0.00	38.93 0.39 0.00	34.65 0.22 0.00	36.40 0.23 0.00	42.08 0.30 0.00
NEG MILLWOOD___DRP 24198	35.02 1.66 0.00	29.86 1.30 0.00	28.13 1.16 0.00	27.21 1.07 0.00	29.68 1.13 0.00	28.81 1.16 0.00	45.19 2.01 0.00	37.31 1.95 0.00	41.54 2.14 0.00	42.24 2.12 0.00	38.95 2.05 0.00	37.63 2.06 0.00	41.91 2.25 0.00	43.10 2.50 0.00	43.47 2.65 0.00	43.31 2.67 0.00	52.83 3.27 0.00	51.13 3.27 0.00	48.70 2.92 0.00	45.69 2.59 0.00	40.75 2.21 0.00	36.40 1.90 -0.08	38.08 1.86 -0.06	43.74 1.96 0.00
NEG NORTH_FLCN_SEA 23793	34.59 1.22 0.00	29.53 0.97 0.00	27.90 0.93 0.00	27.02 0.88 0.00	29.55 1.01 0.00	28.72 1.06 0.00	44.76 1.58 0.00	36.96 1.61 0.00	41.07 1.68 0.00	41.89 1.77 0.00	38.28 1.37 0.00	36.78 1.20 0.00	40.97 1.31 0.00	41.76 1.16 0.00	41.94 1.12 0.00	41.67 1.04 0.00	51.14 1.58 0.00	49.16 1.30 0.00	47.20 1.42 0.00	44.04 0.94 0.00	39.50 0.97 0.00	35.07 0.64 0.00	36.96 0.80 0.00	42.90 1.12 0.00
NEG NORTH_KES_CHATEGAY 23792	33.96 0.60 0.00	29.07 0.51 0.00	27.45 0.47 0.00	26.59 0.45 0.00	29.05 0.50 0.00	28.18 0.53 0.00	43.98 0.80 0.00	36.15 0.80 0.00	40.26 0.86 0.00	41.02 0.90 0.00	37.54 0.64 0.00	36.13 0.55 0.00	40.24 0.58 0.00	40.95 0.34 0.00	41.02 0.20 0.00	40.70 0.06 0.00	49.86 0.30 0.00	48.03 0.18 0.00	46.17 0.39 0.00	43.34 0.24 0.00	38.81 0.28 0.00	34.64 0.21 0.00	36.50 0.33 0.00	42.26 0.48 0.00
NEG NORTH___ALICE_FALLS 23915	34.60 1.24 0.00	29.55 0.99 0.00	27.92 0.95 0.00	27.03 0.89 0.00	29.56 1.01 0.00	28.72 1.06 0.00	44.82 1.63 0.00	36.98 1.62 0.00	41.10 1.70 0.00	41.88 1.76 0.00	38.26 1.35 0.00	36.77 1.19 0.00	40.96 1.30 0.00	41.75 1.15 0.00	41.92 1.09 0.00	41.66 1.02 0.00	51.13 1.57 0.00	49.25 1.40 0.00	47.28 1.49 0.00	44.18 1.08 0.00	39.61 1.08 0.00	35.18 0.76 0.00	37.07 0.90 0.00	42.99 1.21 0.00
NEG NORTH___LWR_SARANAC 23913	34.60 1.24 0.00	29.55 0.99 0.00	27.92 0.95 0.00	27.03 0.89 0.00	29.56 1.01 0.00	28.72 1.06 0.00	44.82 1.63 0.00	36.98 1.62 0.00	41.10 1.70 0.00	41.88 1.76 0.00	38.26 1.35 0.00	36.77 1.19 0.00	40.96 1.30 0.00	41.75 1.15 0.00	41.92 1.09 0.00	41.66 1.02 0.00	51.13 1.57 0.00	49.25 1.40 0.00	47.28 1.49 0.00	44.18 1.08 0.00	39.61 1.08 0.00	35.18 0.76 0.00	37.07 0.90 0.00	42.99 1.21 0.00
NEG NORTH___PLATTSBURG 23628	34.60 1.24 0.00	29.55 0.99 0.00	27.92 0.95 0.00	27.03 0.89 0.00	29.56 1.01 0.00	28.72 1.06 0.00	44.82 1.63 0.00	36.98 1.62 0.00	41.10 1.70 0.00	41.88 1.76 0.00	38.26 1.35 0.00	36.77 1.19 0.00	40.96 1.30 0.00	41.75 1.15 0.00	41.92 1.09 0.00	41.65 1.02 0.00	51.13 1.57 0.00	49.25 1.39 0.00	47.28 1.49 0.00	44.18 1.08 0.00	39.61 1.08 0.00	35.18 0.76 0.00	37.07 0.90 0.00	42.99 1.21 0.00
NEG WEST_LEA_LOCKPORT 23791	32.85 -0.51 0.00	27.96 -0.60 0.00	26.36 -0.62 0.00	25.59 -0.56 0.00	27.95 -0.60 0.00	27.35 -0.31 0.00	42.20 -0.98 0.00	34.21 -1.15 0.00	37.40 -1.99 0.00	38.39 -1.73 0.00	35.35 -1.55 0.00	34.08 -1.50 0.00	38.02 -1.64 0.00	39.78 -0.82 0.00	40.27 -0.56 0.00	40.15 -0.48 0.00	49.29 -0.27 0.00	47.52 -0.33 0.00	44.47 -1.31 0.00	41.85 -1.25 0.00	37.62 -0.91 0.00	33.44 -0.99 0.00	35.84 -0.32 0.00	41.75 -0.03 0.00
NEG WEST___LANCASTER 23811	34.30 0.93 0.00	29.14 0.58 0.00	27.52 0.54 0.00	26.70 0.56 0.00	29.19 0.64 0.00	28.50 0.84 0.00	44.27 1.08 0.00	36.02 0.67 0.00	39.56 0.17 0.00	40.60 0.48 0.00	37.44 0.54 0.00	36.02 0.44 0.00	40.00 0.34 0.00	41.82 1.21 0.00	42.35 1.53 0.00	42.13 1.50 0.00	51.77 2.22 0.00	49.91 2.04 -0.01	46.57 0.78 -0.01	43.33 0.22 0.00	38.86 0.33 0.00	34.42 -0.01 0.00	36.71 0.54 0.00	42.61 0.82 0.00
NEG_PENN_ALLEGHNY 23528	33.63 0.26 0.00	28.63 0.08 0.00	27.09 0.11 0.00	26.28 0.13 0.00	28.70 0.15 0.00	27.85 0.20 0.00	43.63 0.44 0.00	35.69 0.34 0.00	39.54 0.14 0.00	40.28 0.16 0.00	37.08 0.17 0.00	35.77 0.19 0.00	39.93 0.27 0.00	41.31 0.70 0.00	41.67 0.85 0.00	41.48 0.85 0.00	50.74 1.18 0.00	49.21 1.32 -0.03	46.78 1.00 0.00	43.84 0.73 0.00	39.17 0.64 0.00	34.75 0.32 0.00	36.53 0.36 0.00	42.27 0.49 0.00
NEG___GEN_MONROE 24207	33.37 0.00 0.00	28.36 -0.20 0.00	26.77 -0.20 0.00	25.95 -0.19 0.00	28.35 -0.19 0.00	27.73 0.08 0.00	43.06 -0.12 0.00	34.95 -0.40 0.00	38.39 -1.00 0.00	39.21 -0.91 0.00	36.10 -0.81 0.00	34.82 -0.76 0.00	38.93 -0.73 0.00	40.47 -0.13 0.00	40.94 0.12 0.00	40.89 0.26 0.00	50.24 0.68 0.00	48.73 0.87 0.00	46.03 0.25 0.00	43.37 0.27 0.00	38.82 0.28 0.00	34.44 0.01 0.00	36.53 0.36 0.00	42.34 0.55 0.00

NEPA___ENERGY 23901	33.38 0.01 0.00	28.33 -0.23 0.00	26.77 -0.20 0.00	25.95 -0.20 0.00	28.36 -0.19 0.00	27.69 0.04 0.00	43.30 0.12 0.00	35.26 -0.10 0.00	38.73 -0.66 0.00	39.69 -0.43 0.00	36.65 -0.26 0.00	35.42 -0.15 0.00	39.59 -0.07 0.00	41.47 0.87 0.00	42.00 1.18 0.00	41.70 1.07 0.00	51.37 1.81 0.00	49.66 1.80 0.00	46.46 0.67 0.00	43.42 0.32 0.00	38.90 0.37 0.00	34.34 -0.08 0.00	36.44 0.27 0.00	42.28 0.49 0.00
NEVERSink___HYD 23608	33.79 0.42 0.00	28.81 0.25 0.00	27.15 0.18 0.00	26.29 0.15 0.00	28.67 0.13 0.00	27.83 0.17 0.00	43.65 0.47 0.00	35.98 0.63 0.00	40.04 0.65 0.00	40.64 0.52 0.00	37.41 0.51 0.00	36.09 0.51 0.00	40.27 0.61 0.00	41.39 0.79 0.00	41.73 0.91 0.00	41.57 0.94 0.00	50.78 1.22 0.00	49.27 1.42 0.00	47.10 1.32 0.00	44.19 1.09 0.00	39.39 0.86 0.00	35.15 0.67 -0.05	36.77 0.56 -0.04	42.28 0.49 0.00
NEWKRMKL_115KV_TB1 55635	33.91 0.55 0.00	29.02 0.47 0.00	27.41 0.43 0.00	26.54 0.40 0.00	28.99 0.45 0.00	28.05 0.39 0.00	43.81 0.63 0.00	36.00 0.65 0.00	40.10 0.71 0.00	40.87 0.75 0.00	37.56 0.65 0.00	36.15 0.58 0.00	40.19 0.53 0.00	41.31 0.70 0.00	41.63 0.81 0.00	41.47 0.83 0.00	50.52 0.96 0.00	48.98 1.13 0.00	46.88 1.09 0.00	44.03 0.92 0.00	39.31 0.78 0.00	34.94 0.59 0.08	36.64 0.53 0.06	42.26 0.47 0.00
NEWTON___FALLS_HYD 23847	34.08 0.72 0.00	29.13 0.57 0.00	27.49 0.53 0.00	26.64 0.50 0.00	29.11 0.56 0.00	28.26 0.60 0.00	44.29 1.11 0.00	36.13 0.78 0.00	40.03 0.64 0.00	40.52 0.39 0.00	37.04 0.13 0.00	35.58 0.00 0.00	39.69 0.04 0.00	40.57 -0.03 0.00	40.78 -0.04 0.00	40.60 -0.03 0.00	49.84 0.28 0.00	48.51 0.62 -0.03	46.90 1.12 0.00	44.35 1.25 0.00	39.45 0.92 0.00	35.13 0.70 0.00	37.06 0.90 0.00	42.64 0.85 0.00
NGRID_A1_DSASP 323792	32.25 -1.12 0.00	27.58 -0.98 0.00	26.01 -0.96 0.00	25.26 -0.89 0.00	27.58 -0.97 0.00	26.98 -0.68 0.00	41.57 -1.61 0.00	33.48 -1.87 0.00	36.64 -2.75 0.00	37.66 -2.46 0.00	34.70 -2.21 0.00	33.43 -2.15 0.00	37.32 -2.33 0.00	39.02 -1.58 0.00	39.46 -1.37 0.00	39.34 -1.29 0.00	48.24 -1.32 0.00	46.44 -1.42 0.00	43.45 -2.33 0.00	40.91 -2.19 0.00	36.82 -1.71 0.00	32.76 -1.67 0.00	35.19 -0.97 0.00	41.14 -0.65 0.00
NGRID_A2_DSASP 323793	32.25 -1.12 0.00	27.58 -0.98 0.00	26.01 -0.96 0.00	25.26 -0.89 0.00	27.58 -0.97 0.00	26.98 -0.68 0.00	41.57 -1.61 0.00	33.48 -1.87 0.00	36.64 -2.75 0.00	37.66 -2.46 0.00	34.70 -2.21 0.00	33.43 -2.15 0.00	37.32 -2.33 0.00	39.02 -1.58 0.00	39.46 -1.37 0.00	39.34 -1.29 0.00	48.24 -1.32 0.00	46.44 -1.42 0.00	43.45 -2.33 0.00	40.91 -2.19 0.00	36.82 -1.71 0.00	32.76 -1.67 0.00	35.19 -0.97 0.00	41.14 -0.65 0.00
NGRID_A4_DSASP 323807	32.25 -1.12 0.00	27.58 -0.98 0.00	26.01 -0.96 0.00	25.26 -0.89 0.00	27.58 -0.97 0.00	26.98 -0.68 0.00	41.57 -1.61 0.00	33.48 -1.87 0.00	36.64 -2.75 0.00	37.66 -2.46 0.00	34.70 -2.21 0.00	33.43 -2.15 0.00	37.32 -2.33 0.00	39.02 -1.58 0.00	39.46 -1.37 0.00	39.34 -1.29 0.00	48.24 -1.32 0.00	46.44 -1.42 0.00	43.45 -2.33 0.00	40.91 -2.19 0.00	36.82 -1.71 0.00	32.76 -1.67 0.00	35.19 -0.97 0.00	41.14 -0.65 0.00
NIAGARA_115E_LBMP 323715	32.34 -1.02 0.00	27.55 -1.01 0.00	25.96 -1.01 0.00	25.22 -0.93 0.00	27.54 -1.01 0.00	26.94 -0.71 0.00	41.52 -1.66 0.00	33.61 -1.74 0.00	36.66 -2.73 0.00	37.63 -2.49 0.00	34.66 -2.25 0.00	33.40 -2.17 0.00	37.24 -2.41 0.00	38.94 -1.67 0.00	39.40 -1.42 0.00	39.30 -1.33 0.00	48.21 -1.36 0.00	46.43 -1.42 0.01	43.45 -2.33 0.00	40.89 -2.21 0.00	36.79 -1.74 0.00	32.77 -1.66 0.00	35.17 -1.00 0.00	41.09 -0.70 0.00
NIAGARA_115W_LBMP 323714	32.19 -1.17 0.00	27.54 -1.02 0.00	25.96 -1.01 0.00	25.22 -0.92 0.00	27.54 -1.01 0.00	26.93 -0.73 0.00	41.50 -1.68 0.00	33.41 -1.95 0.00	36.56 -2.83 0.00	37.58 -2.54 0.00	34.62 -2.28 0.00	33.36 -2.22 0.00	37.24 -2.42 0.00	38.93 -1.68 0.00	39.37 -1.46 0.00	39.24 -1.39 0.00	48.12 -1.44 0.00	46.33 -1.53 0.00	43.35 -2.44 0.00	40.82 -2.28 0.00	36.74 -1.79 0.00	32.68 -1.74 0.00	35.11 -1.05 0.00	41.07 -0.71 0.00
NIAGARA_230_LBMP 323716	32.40 -0.97 0.00	27.60 -0.96 0.00	26.04 -0.94 0.00	25.28 -0.86 0.00	27.61 -0.94 0.00	27.00 -0.66 0.00	41.64 -1.55 0.00	33.73 -1.63 0.00	36.93 -2.46 0.00	37.94 -2.18 0.00	34.97 -1.94 0.00	33.67 -1.91 0.00	37.59 -2.07 0.00	39.27 -1.33 0.00	39.73 -1.10 0.00	39.59 -1.05 0.00	48.56 -1.00 0.00	46.79 -1.07 0.00	43.82 -1.97 0.00	41.26 -1.85 0.00	37.10 -1.43 0.00	32.98 -1.45 0.00	35.37 -0.80 0.00	41.21 -0.57 0.00
NIAGARA___115KV_198_GIBSON 55903	32.19 -1.17 0.00	27.54 -1.02 0.00	25.96 -1.01 0.00	25.22 -0.93 0.00	27.54 -1.01 0.00	26.93 -0.73 0.00	41.49 -1.69 0.00	33.40 -1.95 0.00	36.56 -2.83 0.00	37.59 -2.53 0.00	34.62 -2.28 0.00	33.37 -2.21 0.00	37.24 -2.42 0.00	38.93 -1.68 0.00	39.37 -1.45 0.00	39.24 -1.39 0.00	48.12 -1.44 0.00	46.33 -1.53 0.00	43.35 -2.43 0.00	40.82 -2.28 0.00	36.74 -1.79 0.00	32.69 -1.74 0.00	35.11 -1.05 0.00	41.07 -0.71 0.00
NIAGARA___ 23760	32.40 -0.97 0.00	27.60 -0.96 0.00	26.04 -0.94 0.00	25.28 -0.86 0.00	27.61 -0.94 0.00	27.00 -0.66 0.00	41.64 -1.55 0.00	33.73 -1.63 0.00	36.93 -2.46 0.00	37.94 -2.18 0.00	34.97 -1.94 0.00	33.67 -1.91 0.00	37.59 -2.07 0.00	39.27 -1.33 0.00	39.73 -1.10 0.00	39.59 -1.05 0.00	48.56 -1.00 0.00	46.79 -1.07 0.00	43.81 -1.97 0.00	41.26 -1.85 0.00	37.10 -1.43 0.00	32.98 -1.45 0.00	35.37 -0.80 0.00	41.21 -0.57 0.00
NINE_MILE_1 23575	32.41 -0.95 0.00	27.70 -0.86 0.00	26.16 -0.81 0.00	25.36 -0.78 0.00	27.70 -0.85 0.00	26.87 -0.79 0.00	41.89 -1.29 0.00	34.18 -1.17 0.00	37.95 -1.45 0.00	38.64 -1.48 0.00	35.59 -1.32 0.00	34.30 -1.27 0.00	38.31 -1.35 0.00	39.37 -1.23 0.00	39.67 -1.15 0.00	39.54 -1.09 0.00	48.26 -1.30 0.00	46.23 -1.18 0.45	44.59 -1.19 0.00	41.92 -1.18 0.00	37.47 -1.06 0.00	33.38 -1.04 0.00	35.12 -1.05 0.00	40.71 -1.08 0.00
NINE_MILE_2 23744	32.41 -0.95 0.00	27.70 -0.86 0.00	26.16 -0.81 0.00	25.36 -0.78 0.00	27.70 -0.84 0.00	26.87 -0.79 0.00	41.89 -1.29 0.00	34.18 -1.17 0.00	37.95 -1.45 0.00	38.64 -1.48 0.00	35.59 -1.32 0.00	34.30 -1.27 0.00	38.31 -1.35 0.00	39.38 -1.23 0.00	39.67 -1.15 0.00	39.54 -1.09 0.00	48.26 -1.30 0.00	46.22 -1.18 0.46	44.59 -1.19 0.00	41.93 -1.18 0.00	37.47 -1.06 0.00	33.38 -1.04 0.00	35.12 -1.05 0.00	40.71 -1.08 0.00
NM_CAPITAL___DRP 24208	33.97 0.60 0.00	29.08 0.52 0.00	27.46 0.49 0.00	26.59 0.45 0.00	29.05 0.50 0.00	28.10 0.44 0.00	43.88 0.70 0.00	36.06 0.71 0.00	40.17 0.77 0.00	40.95 0.83 0.00	37.62 0.72 0.00	36.22 0.65 0.00	40.26 0.60 0.00	41.35 0.74 0.00	41.67 0.85 0.00	41.53 0.90 0.00	50.60 1.04 0.00	49.03 1.18 0.00	46.93 1.14 0.00	44.08 0.98 0.00	39.38 0.84 0.00	34.99 0.65 0.09	36.71 0.60 0.06	42.34 0.56 0.00

NM_CENTRAL___DRP 24181	33.11 -0.25 0.00	28.25 -0.31 0.00	26.67 -0.30 0.00	25.86 -0.29 0.00	28.25 -0.30 0.00	27.42 -0.23 0.00	42.81 -0.37 0.00	34.98 -0.38 0.00	38.79 -0.60 0.00	39.50 -0.62 0.00	36.39 -0.52 0.00	35.08 -0.49 0.00	39.22 -0.44 0.00	40.38 -0.22 0.00	40.74 -0.08 0.00	40.62 -0.01 0.00	49.61 0.05 0.00	48.10 0.20 -0.05	45.82 0.04 0.00	43.03 -0.07 0.00	38.41 -0.12 0.00	34.16 -0.26 0.00	35.91 -0.26 0.00	41.58 -0.20 0.00
NM_FRONTIER___DRP 24179	32.19 -1.17 0.00	27.54 -1.02 0.00	25.96 -1.01 0.00	25.22 -0.93 0.00	27.54 -1.01 0.00	26.93 -0.73 0.00	41.49 -1.69 0.00	33.40 -1.95 0.00	36.56 -2.83 0.00	37.59 -2.53 0.00	34.62 -2.28 0.00	33.37 -2.21 0.00	37.24 -2.42 0.00	38.93 -1.68 0.00	39.37 -1.45 0.00	39.24 -1.39 0.00	48.12 -1.44 0.00	46.33 -1.53 0.00	43.35 -2.43 0.00	40.82 -2.28 0.00	36.74 -1.79 0.00	32.69 -1.74 0.00	35.11 -1.05 0.00	41.07 -0.71 0.00
NM_ST_REGIS___HYD 24053	33.68 0.31 0.00	28.87 0.31 0.00	27.25 0.27 0.00	26.40 0.26 0.00	28.84 0.29 0.00	27.99 0.33 0.00	43.74 0.56 0.00	35.81 0.45 0.00	39.87 0.47 0.00	40.48 0.36 0.00	36.99 0.08 0.00	35.55 -0.03 0.00	39.60 -0.06 0.00	40.32 -0.29 0.00	40.44 -0.39 0.00	40.11 -0.52 0.00	49.12 -0.44 0.00	47.48 -0.39 -0.01	45.81 0.03 0.00	43.32 0.22 0.00	38.75 0.22 0.00	34.81 0.39 0.00	36.76 0.60 0.00	42.46 0.67 0.00
NORTHPORT___1 23551	34.78 1.41 0.00	29.86 1.30 0.00	28.03 1.06 0.00	27.06 0.91 0.00	29.56 1.01 0.00	28.72 1.06 0.00	45.31 1.61 -0.51	43.70 1.95 -6.40	41.42 2.03 0.00	41.86 1.74 0.00	38.05 0.00 0.00	36.88 1.31 0.00	41.06 1.40 0.00	42.30 1.70 0.00	42.36 1.54 0.00	42.28 1.64 0.00	51.26 1.70 0.00	49.71 1.86 0.00	47.22 1.44 0.00	44.71 1.60 0.00	39.95 1.42 0.00	35.89 1.38 -0.09	37.36 1.13 -0.06	42.83 1.04 0.00
NORTHPORT___2 23552	34.78 1.41 0.00	29.86 1.30 0.00	28.03 1.06 0.00	27.06 0.91 0.00	29.56 1.01 0.00	28.72 1.06 0.00	45.31 1.61 -0.51	43.70 1.95 -6.40	41.42 2.03 0.00	41.86 1.74 0.00	38.05 0.00 0.00	36.88 1.31 0.00	41.06 1.40 0.00	42.30 1.70 0.00	42.36 1.54 0.00	42.28 1.64 0.00	51.26 1.70 0.00	49.71 1.86 0.00	47.22 1.44 0.00	44.71 1.60 0.00	39.95 1.42 0.00	35.89 1.38 -0.09	37.36 1.13 -0.06	42.83 1.04 0.00
NORTHPORT___3 23553	34.84 1.47 0.00	29.93 1.37 0.00	28.13 1.16 0.00	27.12 0.96 -0.01	29.61 1.06 0.00	28.80 1.14 0.00	45.49 1.80 -0.51	43.75 2.00 -6.40	41.50 2.11 0.00	41.99 1.87 0.00	38.21 1.31 0.00	36.99 1.41 0.00	41.18 1.52 0.00	42.47 1.87 0.00	42.60 1.79 0.01	42.47 1.84 0.00	51.56 2.01 0.01	50.01 2.16 0.00	47.49 1.71 0.00	44.83 1.72 0.00	40.05 1.51 0.00	36.00 1.48 -0.09	37.60 1.37 -0.06	43.20 1.42 0.00
NORTHPORT___4 23650	34.84 1.47 0.00	29.93 1.37 0.00	28.13 1.16 0.00	27.12 0.96 -0.01	29.61 1.06 0.00	28.80 1.14 0.00	45.49 1.80 -0.51	43.75 2.00 -6.40	41.50 2.11 0.00	41.99 1.87 0.00	38.21 1.31 0.00	36.99 1.41 0.00	41.18 1.52 0.00	42.47 1.87 0.00	42.60 1.79 0.01	42.47 1.84 0.00	51.56 2.01 0.01	50.01 2.16 0.00	47.49 1.71 0.00	44.83 1.72 0.00	40.05 1.51 0.00	36.00 1.48 -0.09	37.60 1.37 -0.06	43.20 1.42 0.00
NORTHPORT___IC 23718	34.77 1.41 0.00	29.86 1.29 0.00	28.03 1.06 0.00	27.08 0.94 0.00	29.56 1.01 0.00	28.72 1.06 0.00	45.32 1.63 -0.51	43.70 1.95 -6.40	41.42 2.03 0.00	41.87 1.75 0.00	38.05 0.00 0.00	36.88 1.30 0.00	41.06 1.40 0.00	42.30 1.70 0.00	42.36 1.54 0.00	42.27 1.64 0.00	51.26 1.70 0.00	49.71 1.86 0.00	47.23 1.44 0.00	44.71 1.61 0.00	39.95 1.41 0.00	35.89 1.38 -0.09	37.36 1.13 -0.06	42.83 1.05 0.00
NORTH___COUNTRY_ESR 323785	33.87 0.51 0.00	29.01 0.46 0.00	27.39 0.42 0.00	26.54 0.40 0.00	28.99 0.45 0.00	28.12 0.47 0.00	43.87 0.69 0.00	36.05 0.69 0.00	40.18 0.78 0.00	40.98 0.86 0.00	37.52 0.62 0.00	36.12 0.54 0.00	40.23 0.57 0.00	40.94 0.33 0.00	41.01 0.19 0.00	40.69 0.06 0.00	49.84 0.28 0.00	47.94 0.09 0.00	46.03 0.25 0.00	43.21 0.10 0.00	38.68 0.15 0.00	34.54 0.11 0.00	36.40 0.24 0.00	42.17 0.39 0.00
NPX_GEN_1385_PROXY 323591	33.90 0.53 0.00	29.25 0.70 0.00	27.32 0.35 0.00	26.37 0.23 0.00	28.94 0.39 0.00	27.98 0.32 0.00	44.30 0.60 -0.51	43.57 1.82 -6.40	41.30 1.91 0.00	41.73 1.61 0.00	37.74 0.84 0.00	36.57 1.00 0.00	40.84 1.18 0.00	42.06 1.46 0.00	41.46 0.64 0.00	41.70 1.07 0.00	50.52 0.96 0.00	49.16 1.31 0.00	46.75 0.97 0.00	44.52 1.42 0.00	40.05 1.52 0.00	35.93 1.41 -0.09	36.77 0.54 -0.06	26.31 -0.20 15.27
NPX_GEN_CSC 323557	33.45 0.09 0.00	29.07 0.51 0.00	27.33 0.35 0.00	26.28 0.28 0.15	28.71 0.19 0.03	28.03 0.37 0.00	44.26 0.57 -0.51	42.94 1.19 -6.40	40.70 1.31 0.00	41.15 1.04 0.00	37.38 0.48 0.00	36.39 0.81 0.00	40.62 0.96 0.00	41.99 1.39 0.00	42.04 1.22 0.00	41.98 1.35 0.00	50.72 1.15 0.00	49.41 1.55 0.00	46.95 1.16 0.00	44.65 1.55 0.00	39.81 1.28 0.00	35.70 1.18 -0.09	37.11 0.88 -0.06	42.51 0.73 0.00
NSINS_S___GLNS_FALLS 23858	35.39 2.03 0.00	30.22 1.66 0.00	28.58 1.61 0.00	27.68 1.54 0.00	30.26 1.71 0.00	29.31 1.65 0.00	45.79 2.61 0.00	37.73 2.38 0.00	42.12 2.73 0.00	42.92 2.80 0.00	39.30 2.39 0.00	37.62 2.05 0.00	41.71 2.05 0.00	42.90 2.30 0.00	43.33 2.50 0.00	43.26 2.63 0.00	52.92 3.36 0.00	51.44 3.59 0.00	49.38 3.60 0.00	46.49 3.39 0.00	41.56 3.03 0.00	36.81 2.47 0.09	38.64 2.54 0.06	44.43 2.65 0.00
NUCOR_STEEL___DRP 24197	33.25 -0.11 0.00	28.37 -0.19 0.00	26.78 -0.19 0.00	25.98 -0.17 0.00	28.39 -0.15 0.00	27.61 -0.05 0.00	43.31 0.12 0.00	35.36 0.01 0.00	39.17 -0.22 0.00	39.86 -0.26 0.00	36.72 -0.19 0.00	35.35 -0.23 0.00	39.45 -0.21 0.00	40.70 0.09 0.00	41.12 0.29 0.00	40.77 0.14 0.00	50.14 0.58 0.00	48.67 0.74 -0.08	46.25 0.47 0.00	43.55 0.45 0.00	38.87 0.34 0.00	34.60 0.17 0.00	36.36 0.19 0.00	42.04 0.26 0.00
NUMBER_THREE_WT_PWR 323818	34.61 1.24 0.00	29.52 0.96 0.00	27.86 0.88 0.00	27.01 0.86 0.00	29.50 0.95 0.00	28.66 1.01 0.00	44.99 1.81 0.00	36.63 1.28 0.00	40.44 1.04 0.00	40.88 0.76 0.00	37.40 0.49 0.00	35.98 0.40 0.00	40.17 0.51 0.00	41.19 0.59 0.00	41.49 0.67 0.00	41.43 0.79 0.00	50.93 1.37 0.00	49.74 1.85 -0.03	48.06 2.28 0.00	45.37 2.26 0.00	40.13 1.59 0.00	35.34 0.92 0.00	37.26 1.09 0.00	42.73 0.95 0.00
NYISO_LBMP_REFERENCE 24008	33.36 0.00 0.00	28.56 0.00 0.00	26.97 0.00 0.00	26.14 0.00 0.00	28.55 0.00 0.00	27.66 0.00 0.00	43.18 0.00 0.00	35.35 0.00 0.00	39.39 0.00 0.00	40.12 0.00 0.00	36.91 0.00 0.00	35.58 0.00 0.00	39.66 0.00 0.00	40.60 0.00 0.00	40.82 0.00 0.00	40.63 0.00 0.00	49.56 0.00 0.00	47.85 0.00 0.00	45.78 0.00 0.00	43.10 0.00 0.00	38.53 0.00 0.00	34.43 0.00 0.00	36.17 0.00 0.00	41.78 0.00 0.00

NYPA_BRENTWD____GT 24164	35.00 1.64 0.00	30.10 1.54 0.00	28.27 1.30 0.00	27.30 1.17 0.01	29.79 1.25 0.00	28.99 1.33 0.00	45.80 2.11 -0.51	44.12 2.36 -6.40	41.92 2.53 0.00	42.41 2.29 0.00	38.61 1.70 0.00	37.45 1.88 0.00	41.71 2.05 0.00	43.05 2.44 0.00	43.16 2.34 0.00	43.06 2.43 0.00	52.06 2.50 0.00	50.44 2.59 0.00	47.89 2.10 0.00	45.58 2.47 0.00	40.71 2.17 0.00	36.53 2.02 -0.09	38.02 1.79 -0.06	43.58 1.80 0.00
NYPA_GOWANUS____GT5 24156	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.70 3.07 0.00	53.19 3.63 0.00	51.39 3.53 0.00	48.85 3.07 0.00	45.82 2.72 0.00	41.02 2.48 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NYPA_GOWANUS____GT6 24157	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.05 2.47 0.00	42.30 2.64 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.70 3.07 0.00	53.19 3.63 0.00	51.39 3.53 0.00	48.85 3.07 0.00	45.82 2.72 0.00	41.02 2.48 0.00	36.80 2.28 -0.09	38.48 2.25 -0.06	44.24 2.46 0.00
NYPA_HARLEM_RVR_GT1 24160	35.21 1.85 0.00	29.99 1.43 0.00	28.23 1.26 0.00	27.28 1.14 0.00	29.77 1.22 0.00	28.94 1.28 0.00	45.37 2.18 0.00	37.49 2.14 0.00	41.75 2.36 0.00	42.39 2.27 0.00	39.16 2.25 0.00	37.85 2.28 0.00	42.08 2.42 0.00	43.30 2.69 0.00	43.63 2.81 0.00	43.34 2.71 0.00	52.85 3.29 0.00	51.13 3.27 0.00	48.61 2.82 0.00	45.60 2.49 -0.01	40.79 2.25 0.00	36.54 2.03 -0.09	38.28 2.06 -0.06	44.07 2.28 0.00
NYPA_HARLEM_RVR_GT2 24161	35.21 1.85 0.00	29.99 1.43 0.00	28.23 1.26 0.00	27.28 1.14 0.00	29.77 1.22 0.00	28.94 1.28 0.00	45.37 2.18 0.00	37.49 2.14 0.00	41.75 2.36 0.00	42.39 2.27 0.00	39.16 2.25 0.00	37.85 2.28 0.00	42.08 2.42 0.00	43.30 2.69 0.00	43.63 2.81 0.00	43.34 2.71 0.00	52.85 3.29 0.00	51.13 3.27 0.00	48.61 2.82 0.00	45.60 2.49 -0.01	40.79 2.25 0.00	36.54 2.03 -0.09	38.28 2.06 -0.06	44.07 2.28 0.00
NYPA_KENT____GT 24152	35.29 1.92 0.00	30.07 1.51 0.00	28.31 1.34 0.00	27.37 1.23 0.00	29.84 1.29 0.00	28.99 1.34 0.00	45.45 2.27 0.00	37.59 2.23 0.00	41.85 2.46 0.00	42.52 2.40 0.00	39.31 2.40 0.00	38.00 2.42 0.00	42.24 2.58 0.00	43.52 2.91 0.00	43.87 3.04 0.00	43.58 2.95 0.00	53.05 3.49 0.00	51.27 3.42 0.00	48.74 2.95 0.00	45.73 2.63 0.00	40.92 2.39 0.00	36.70 2.18 -0.09	38.40 2.18 -0.06	44.15 2.37 0.00
NYPA_POUCH1____GT 24155	35.32 1.95 0.00	30.11 1.55 0.00	28.36 1.38 0.00	27.41 1.27 0.00	29.89 1.34 0.00	29.03 1.38 0.00	45.41 2.23 0.00	37.56 2.21 0.00	41.72 2.33 0.00	42.35 2.24 0.00	39.24 2.33 0.00	37.88 2.30 0.00	41.98 2.43 0.11	43.40 2.80 0.00	43.80 2.98 0.00	43.50 2.87 0.00	52.96 3.40 0.00	51.24 3.38 0.00	48.74 2.95 0.00	45.73 2.63 0.00	40.95 2.41 0.00	36.80 2.29 -0.09	38.44 2.21 -0.06	44.16 2.37 0.00
NYPA_VERNON____GT2 24162	35.23 1.87 0.00	30.03 1.47 0.00	28.26 1.29 0.00	27.33 1.19 0.00	29.79 1.24 0.00	28.95 1.29 0.00	45.40 2.22 0.00	37.54 2.19 0.00	41.82 2.43 0.00	42.49 2.37 0.00	39.25 2.35 0.00	37.94 2.37 0.00	42.18 2.52 0.00	43.43 2.83 0.00	43.77 2.95 0.00	43.51 2.88 0.00	52.96 3.40 0.00	51.20 3.34 0.00	48.66 2.88 0.00	45.65 2.55 0.00	40.83 2.30 0.00	36.61 2.09 -0.09	38.32 2.10 -0.06	44.08 2.29 0.00
NYPA_VERNON____GT3 24163	35.23 1.87 0.00	30.03 1.47 0.00	28.26 1.29 0.00	27.33 1.19 0.00	29.79 1.24 0.00	28.95 1.29 0.00	45.40 2.22 0.00	37.54 2.19 0.00	41.82 2.43 0.00	42.49 2.37 0.00	39.25 2.35 0.00	37.94 2.37 0.00	42.18 2.52 0.00	43.43 2.83 0.00	43.77 2.95 0.00	43.51 2.88 0.00	52.96 3.40 0.00	51.20 3.34 0.00	48.66 2.88 0.00	45.65 2.55 0.00	40.83 2.30 0.00	36.61 2.09 -0.09	38.32 2.10 -0.06	44.08 2.29 0.00
NYPA____ASTORIA_CC1 323568	35.20 1.84 0.00	30.00 1.44 0.00	28.24 1.26 0.00	27.30 1.15 0.00	29.76 1.22 0.00	28.93 1.27 0.00	45.36 2.17 0.00	37.49 2.14 0.00	41.76 2.37 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.13 2.48 0.00	43.38 2.78 0.00	43.73 2.90 0.00	43.47 2.84 0.00	52.90 3.34 0.00	51.14 3.29 0.00	48.61 2.82 0.00	45.61 2.51 0.00	40.80 2.26 0.00	36.56 2.05 -0.09	38.27 2.05 -0.06	44.02 2.24 0.00
NYPA____ASTORIA_CC2 323569	35.20 1.84 0.00	30.00 1.44 0.00	28.24 1.26 0.00	27.30 1.15 0.00	29.76 1.22 0.00	28.93 1.27 0.00	45.36 2.17 0.00	37.49 2.14 0.00	41.76 2.37 0.00	42.43 2.31 0.00	39.21 2.30 0.00	37.90 2.32 0.00	42.13 2.48 0.00	43.38 2.78 0.00	43.73 2.90 0.00	43.47 2.84 0.00	52.90 3.34 0.00	51.14 3.29 0.00	48.61 2.82 0.00	45.61 2.51 0.00	40.80 2.26 0.00	36.56 2.05 -0.09	38.27 2.05 -0.06	44.02 2.24 0.00
NYPA____HOLTSVILL 23794	33.90 0.54 0.00	29.46 0.90 0.00	27.69 0.72 0.00	26.65 0.66 0.15	29.11 0.59 0.03	28.40 0.75 0.00	44.82 1.12 -0.51	43.37 1.62 -6.40	41.17 1.77 0.00	41.65 1.53 0.00	37.85 0.94 0.00	36.82 1.25 0.00	41.08 1.42 0.00	42.47 1.87 0.00	42.52 1.70 0.00	42.43 1.80 0.00	51.26 1.70 0.00	49.92 2.07 0.00	47.42 1.63 0.00	45.07 1.97 0.00	40.23 1.70 0.00	36.10 1.59 -0.09	37.57 1.35 -0.06	43.12 1.34 0.00
NYPA____HELLGATE_GT1 24158	35.20 1.84 0.00	29.98 1.43 0.00	28.23 1.25 0.00	27.28 1.14 0.00	29.76 1.21 0.00	28.93 1.28 0.00	45.36 2.18 0.00	37.48 2.13 0.00	41.75 2.35 0.00	42.38 2.26 0.00	39.15 2.25 0.00	37.85 2.28 0.00	42.08 2.42 0.00	43.29 2.69 0.00	43.63 2.80 0.00	43.33 2.70 0.00	52.85 3.29 0.00	51.13 3.27 0.00	48.61 2.82 0.00	45.60 2.49 -0.01	40.80 2.26 0.00	36.55 2.03 -0.09	38.28 2.06 -0.06	44.06 2.28 0.00
NYPA____HELLGATE_GT2 24159	35.20 1.84 0.00	29.98 1.43 0.00	28.23 1.25 0.00	27.28 1.14 0.00	29.76 1.21 0.00	28.93 1.28 0.00	45.36 2.18 0.00	37.48 2.13 0.00	41.75 2.35 0.00	42.38 2.26 0.00	39.15 2.25 0.00	37.85 2.28 0.00	42.08 2.42 0.00	43.29 2.69 0.00	43.63 2.80 0.00	43.33 2.70 0.00	52.85 3.29 0.00	51.13 3.27 0.00	48.61 2.82 0.00	45.60 2.49 -0.01	40.80 2.26 0.00	36.55 2.03 -0.09	38.28 2.06 -0.06	44.06 2.28 0.00
NYS_BARGE____HYD 23848	32.88 -0.48 0.00	27.99 -0.57 0.00	26.38 -0.60 0.00	25.61 -0.53 0.00	27.97 -0.58 0.00	27.37 -0.28 0.00	42.25 -0.93 0.00	34.23 -1.12 0.00	37.41 -1.99 0.00	38.38 -1.74 0.00	35.34 -1.56 0.00	34.07 -1.51 0.00	38.00 -1.65 0.00	39.77 -0.83 0.00	40.26 -0.56 0.00	40.17 -0.47 0.00	49.30 -0.26 0.00	47.56 -0.29 0.00	44.51 -1.27 0.00	41.89 -1.21 0.00	37.65 -0.89 0.00	33.47 -0.96 0.00	35.87 -0.30 0.00	41.80 0.02 0.00

OAK ORCHARD___HYD 24046	33.00 -0.36 0.00	28.11 -0.45 0.00	26.51 -0.46 0.00	25.71 -0.43 0.00	28.09 -0.46 0.00	27.41 -0.25 0.00	42.57 -0.61 0.00	34.66 -0.69 0.00	38.15 -1.24 0.00	39.02 -1.10 0.00	35.98 -0.93 0.00	34.70 -0.88 0.00	38.81 -0.85 0.00	40.30 -0.30 0.00	40.76 -0.06 0.00	40.69 0.06 0.00	49.94 0.38 0.00	48.35 0.49 0.00	45.69 -0.09 0.00	43.02 -0.09 0.00	38.49 -0.04 0.00	34.16 -0.27 0.00	36.22 0.05 0.00	41.97 0.19 0.00
OAKDALE___35_KV_LOAD 356122	33.52 0.16 0.00	28.55 -0.01 0.00	27.01 0.03 0.00	26.20 0.06 0.00	28.61 0.07 0.00	27.76 0.10 0.00	43.45 0.27 0.00	35.57 0.21 0.00	39.41 0.02 0.00	40.15 0.03 0.00	36.95 0.04 0.00	35.65 0.08 0.00	39.80 0.14 0.00	41.16 0.56 0.00	41.51 0.69 0.00	41.31 0.68 0.00	50.50 0.94 0.00	48.96 1.08 -0.03	46.55 0.77 0.00	43.63 0.53 0.00	38.99 0.46 0.00	34.62 0.19 0.00	36.40 0.23 0.00	42.12 0.34 0.00
OCC_CHEM___DRP 24175	32.25 -1.12 0.00	27.58 -0.98 0.00	26.01 -0.96 0.00	25.26 -0.89 0.00	27.58 -0.97 0.00	26.98 -0.68 0.00	41.55 -1.63 0.00	33.48 -1.88 0.00	36.64 -2.75 0.00	37.66 -2.46 0.00	34.70 -2.21 0.00	33.44 -2.14 0.00	37.32 -2.34 0.00	39.02 -1.58 0.00	39.46 -1.37 0.00	39.34 -1.29 0.00	48.24 -1.32 0.00	46.44 -1.41 0.00	43.45 -2.33 0.00	40.91 -2.19 0.00	36.83 -1.71 0.00	32.76 -1.67 0.00	35.19 -0.97 0.00	41.14 -0.65 0.00
OH_GEN_PROXY 24063	32.42 -0.94 0.00	27.61 -0.95 0.00	-40.14 -0.93 66.19	-51.62 -0.85 76.92	27.62 -0.92 0.00	27.00 -0.66 0.00	2.97 -1.48 38.74	33.80 -1.55 0.00	-8.49 -2.36 45.52	-14.33 -2.07 52.37	35.06 -1.84 0.00	33.77 -1.81 0.00	37.71 -1.95 0.00	39.39 -1.21 0.00	39.85 -0.97 0.00	39.71 -0.93 0.00	48.71 -0.85 0.00	46.95 -0.91 0.00	36.51 -1.80 7.47	41.39 -1.71 0.00	37.21 -1.32 0.00	-19.33 -1.38 52.38	35.40 -0.76 0.00	6.03 -0.56 35.20
OLIN_CORP_DRP 24177	32.37 -0.99 0.00	27.58 -0.98 0.00	25.99 -0.99 0.00	25.25 -0.90 0.00	27.57 -0.98 0.00	26.97 -0.69 0.00	41.55 -1.63 0.00	33.65 -1.70 0.00	36.72 -2.67 0.00	37.71 -2.41 0.00	34.73 -2.18 0.00	33.48 -2.09 0.00	37.32 -2.34 0.00	39.02 -1.58 0.00	39.48 -1.34 0.00	39.38 -1.25 0.00	48.30 -1.26 0.00	46.52 -1.33 0.01	43.54 -2.23 0.01	40.98 -2.13 0.00	36.87 -1.66 0.00	32.82 -1.61 0.00	35.23 -0.94 0.00	41.15 -0.64 0.00
OLIN_CORP_DSASP 323712	32.25 -1.12 0.00	27.58 -0.98 0.00	26.01 -0.96 0.00	25.26 -0.89 0.00	27.58 -0.97 0.00	26.98 -0.68 0.00	41.57 -1.61 0.00	33.48 -1.87 0.00	36.64 -2.75 0.00	37.66 -2.46 0.00	34.70 -2.21 0.00	33.43 -2.15 0.00	37.32 -2.33 0.00	39.02 -1.58 0.00	39.46 -1.37 0.00	39.34 -1.29 0.00	48.24 -1.32 0.00	46.44 -1.42 0.00	43.45 -2.33 0.00	40.91 -2.19 0.00	36.82 -1.71 0.00	32.76 -1.67 0.00	35.19 -0.97 0.00	41.14 -0.65 0.00
ONEIDA_HERK_LFGE 323681	34.37 1.00 0.00	29.34 0.78 0.00	27.70 0.73 0.00	26.85 0.71 0.00	29.32 0.77 0.00	28.46 0.80 0.00	44.63 1.45 0.00	36.45 1.10 0.00	40.35 0.96 0.00	40.90 0.78 0.00	37.52 0.61 0.00	36.14 0.57 0.00	40.31 0.65 0.00	41.37 0.77 0.00	41.67 0.85 0.00	41.56 0.93 0.00	50.93 1.37 0.00	49.59 1.72 -0.02	47.68 1.90 0.00	44.91 1.80 0.00	39.91 1.38 0.00	35.38 0.96 0.00	37.16 1.00 0.00	42.75 0.97 0.00
ONEIDA___115KV_TB4 55905	34.30 0.93 0.00	29.26 0.70 0.00	27.62 0.65 0.00	26.78 0.63 0.00	29.22 0.68 0.00	28.37 0.72 0.00	44.50 1.32 0.00	36.39 1.04 0.00	40.26 0.87 0.00	40.82 0.70 0.00	37.48 0.57 0.00	36.14 0.56 0.00	40.35 0.69 0.00	41.50 0.89 0.00	41.86 1.04 0.00	41.70 1.06 0.00	51.04 1.48 0.00	49.67 1.78 -0.03	47.64 1.86 0.00	44.81 1.71 0.00	39.90 1.37 0.00	35.45 1.02 0.00	37.15 0.99 0.00	42.84 1.06 0.00
ONONDAGA_REF_OCCRA 23987	33.30 -0.07 0.00	28.41 -0.15 0.00	26.82 -0.15 0.00	26.00 -0.14 0.00	28.42 -0.13 0.00	27.58 -0.07 0.00	43.10 -0.07 0.00	35.21 -0.14 0.00	39.04 -0.35 0.00	39.72 -0.40 0.00	36.58 -0.33 0.00	35.27 -0.31 0.00	39.43 -0.23 0.00	40.62 0.02 0.00	40.98 0.15 0.00	40.84 0.21 0.00	49.92 0.36 0.00	48.45 0.53 -0.05	46.17 0.39 0.00	43.36 0.25 0.00	38.70 0.16 0.00	34.41 -0.02 0.00	36.15 -0.01 0.00	41.84 0.06 0.00
ONONDAGA___COGEN 23986	33.21 -0.16 0.00	28.33 -0.22 0.00	26.75 -0.22 0.00	25.94 -0.21 0.00	28.36 -0.19 0.00	27.53 -0.12 0.00	43.01 -0.17 0.00	35.12 -0.23 0.00	38.96 -0.43 0.00	39.67 -0.45 0.00	36.54 -0.37 0.00	35.20 -0.37 0.00	39.34 -0.31 0.00	40.51 -0.09 0.00	40.88 0.06 0.00	40.73 0.10 0.00	49.81 0.25 0.00	48.34 0.40 -0.08	46.04 0.26 0.00	43.24 0.13 0.00	38.59 0.06 0.00	34.33 -0.10 0.00	36.08 -0.08 0.00	41.76 -0.02 0.00
ONTARIO___LFGE 23819	33.43 0.07 0.00	28.49 -0.06 0.00	26.89 -0.09 0.00	26.09 -0.06 0.00	28.54 -0.01 0.00	27.82 0.16 0.00	43.42 0.24 0.00	35.63 0.27 0.00	39.21 -0.19 0.00	39.89 -0.23 0.00	36.74 -0.16 0.00	35.39 -0.19 0.00	39.38 -0.28 0.00	40.90 0.30 0.00	41.35 0.53 0.00	41.22 0.58 0.00	50.69 1.13 0.00	49.33 1.44 -0.03	46.89 1.11 0.00	43.94 0.84 0.00	39.22 0.68 0.00	34.84 0.41 0.00	36.71 0.55 0.00	42.33 0.55 0.00
ORANGEVILLE_WT_PWR 323706	33.08 -0.28 0.00	28.17 -0.39 0.00	26.57 -0.40 0.00	25.77 -0.37 0.00	28.21 -0.34 0.00	27.62 -0.04 0.00	42.96 -0.22 0.00	34.93 -0.42 0.00	38.38 -1.01 0.00	39.36 -0.76 0.00	36.28 -0.63 0.00	34.96 -0.61 0.00	39.01 -0.65 0.00	40.75 0.15 0.00	41.25 0.43 0.00	41.06 0.43 0.00	50.42 0.86 0.00	48.74 0.88 0.00	45.72 -0.07 0.00	42.83 -0.27 0.00	38.39 -0.14 0.00	34.02 -0.40 0.00	36.16 0.00 0.00	41.91 0.12 0.00
ORANGEVILLE___ESR 323794	33.08 -0.28 0.00	28.17 -0.39 0.00	26.57 -0.40 0.00	25.77 -0.37 0.00	28.21 -0.34 0.00	27.62 -0.04 0.00	42.96 -0.22 0.00	34.93 -0.42 0.00	38.38 -1.01 0.00	39.36 -0.76 0.00	36.28 -0.63 0.00	34.96 -0.61 0.00	39.01 -0.65 0.00	40.75 0.15 0.00	41.25 0.43 0.00	41.06 0.43 0.00	50.42 0.86 0.00	48.74 0.88 0.00	45.72 -0.07 0.00	42.83 -0.27 0.00	38.39 -0.14 0.00	34.02 -0.40 0.00	36.16 0.00 0.00	41.91 0.12 0.00
OSWEGATCHIE___HYD 24044	34.08 0.72 0.00	29.13 0.57 0.00	27.49 0.52 0.00	26.64 0.50 0.00	29.11 0.56 0.00	28.26 0.60 0.00	44.29 1.11 0.00	36.13 0.78 0.00	40.03 0.64 0.00	40.52 0.40 0.00	37.04 0.13 0.00	35.58 0.00 0.00	39.70 0.04 0.00	40.58 -0.03 0.00	40.78 -0.04 0.00	40.60 -0.03 0.00	49.84 0.28 0.00	48.51 0.62 -0.03	46.90 1.11 0.00	44.35 1.25 0.00	39.45 0.92 0.00	35.13 0.70 0.00	37.06 0.90 0.00	42.64 0.85 0.00
OSWEGO___5 23606	32.65 -0.72 0.00	27.90 -0.66 0.00	26.35 -0.62 0.00	25.54 -0.60 0.00	27.90 -0.64 0.00	27.07 -0.59 0.00	42.24 -0.95 0.00	34.48 -0.88 0.00	38.26 -1.14 0.00	38.95 -1.17 0.00	35.87 -1.04 0.00	34.57 -1.00 0.00	38.62 -1.04 0.00	39.71 -0.89 0.00	40.01 -0.81 0.00	39.86 -0.77 0.00	48.69 -0.87 0.00	47.45 -0.74 -0.34	44.99 -0.79 0.00	42.31 -0.80 0.00	37.79 -0.74 0.00	33.67 -0.76 0.00	35.40 -0.76 0.00	41.02 -0.76 0.00

OSWEGO___6 23613	32.65 -0.72 0.00	27.90 -0.66 0.00	26.35 -0.62 0.00	25.54 -0.60 0.00	27.90 -0.64 0.00	27.07 -0.59 0.00	42.24 -0.95 0.00	34.48 -0.88 0.00	38.26 -1.14 0.00	38.95 -1.17 0.00	35.87 -1.04 0.00	34.57 -1.00 0.00	38.62 -1.04 0.00	39.71 -0.89 0.00	40.01 -0.81 0.00	39.86 -0.77 0.00	48.69 -0.87 0.00	47.45 -0.74 -0.34	44.99 -0.79 0.00	42.31 -0.80 0.00	37.79 -0.74 0.00	33.67 -0.76 0.00	35.40 -0.76 0.00	41.02 -0.76 0.00
OUTOKUMPU-AB___DRP 24206	33.19 -0.17 0.00	28.27 -0.29 0.00	26.65 -0.32 0.00	25.87 -0.28 0.00	28.26 -0.29 0.00	27.63 -0.02 0.00	42.68 -0.50 0.00	34.54 -0.81 0.00	37.83 -1.56 0.00	38.87 -1.25 0.00	35.84 -1.06 0.00	34.55 -1.03 0.00	38.56 -1.10 0.00	40.36 -0.24 0.00	40.89 0.07 0.00	40.77 0.14 0.00	50.04 0.47 0.00	48.22 0.36 0.00	45.09 -0.69 0.00	42.36 -0.74 0.00	38.07 -0.46 0.00	33.79 -0.63 0.00	36.21 0.05 0.00	42.17 0.38 0.00
OXBOW___BTM 323836	32.79 -0.57 0.00	27.99 -0.57 0.00	26.38 -0.59 0.00	25.61 -0.53 0.00	27.97 -0.58 0.00	27.36 -0.29 0.00	42.23 -0.95 0.00	34.09 -1.27 0.00	37.32 -2.08 0.00	38.34 -1.77 0.00	35.35 -1.55 0.00	34.07 -1.51 0.00	38.04 -1.62 0.00	39.81 -0.80 0.00	40.29 -0.53 0.00	40.19 -0.45 0.00	49.30 -0.25 0.00	47.49 -0.36 0.00	44.42 -1.36 0.00	41.77 -1.34 0.00	37.56 -0.97 0.00	33.38 -1.05 0.00	35.80 -0.37 0.00	41.75 -0.03 0.00
OXBOW____ 24026	32.79 -0.57 0.00	27.98 -0.57 0.00	26.38 -0.59 0.00	25.61 -0.53 0.00	27.97 -0.58 0.00	27.36 -0.29 0.00	42.21 -0.97 0.00	34.08 -1.27 0.00	37.31 -2.08 0.00	38.35 -1.77 0.00	35.35 -1.55 0.00	34.08 -1.50 0.00	38.04 -1.61 0.00	39.80 -0.80 0.00	40.29 -0.53 0.00	40.19 -0.45 0.00	49.31 -0.25 0.00	47.49 -0.36 0.00	44.42 -1.36 0.00	41.77 -1.34 0.00	37.56 -0.97 0.00	33.37 -1.06 0.00	35.80 -0.36 0.00	41.75 -0.03 0.00
OXY_CHEM_DSASP 323612	32.25 -1.12 0.00	27.58 -0.98 0.00	26.01 -0.96 0.00	25.26 -0.89 0.00	27.58 -0.97 0.00	26.98 -0.68 0.00	41.55 -1.63 0.00	33.48 -1.88 0.00	36.64 -2.75 0.00	37.66 -2.46 0.00	34.70 -2.21 0.00	33.44 -2.14 0.00	37.32 -2.34 0.00	39.02 -1.58 0.00	39.46 -1.37 0.00	39.34 -1.29 0.00	48.24 -1.32 0.00	46.44 -1.41 0.00	43.45 -2.33 0.00	40.91 -2.19 0.00	36.83 -1.71 0.00	32.76 -1.67 0.00	35.19 -0.97 0.00	41.14 -0.65 0.00
OZONE_PARK_ESR 323760	35.52 2.16 0.00	30.26 1.70 0.00	28.48 1.51 0.00	27.53 1.39 0.00	30.01 1.46 0.00	29.16 1.50 0.00	45.73 2.55 0.00	37.80 2.45 0.00	42.11 2.72 0.00	42.80 2.68 0.00	39.52 2.61 0.00	38.19 2.61 0.00	42.49 2.83 0.00	43.77 3.16 0.00	44.13 3.31 0.00	43.95 3.32 0.00	53.60 4.04 0.00	51.83 3.97 0.00	49.26 3.48 0.00	46.19 3.08 0.00	41.25 2.72 0.00	36.93 2.41 -0.09	38.67 2.44 -0.06	44.44 2.66 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	32.25 -1.12 0.00	27.58 -0.98 0.00	26.01 -0.96 0.00	25.26 -0.89 0.00	27.58 -0.97 0.00	26.98 -0.68 0.00	41.55 -1.63 0.00	33.48 -1.88 0.00	36.64 -2.75 0.00	37.66 -2.46 0.00	34.70 -2.21 0.00	33.44 -2.14 0.00	37.32 -2.34 0.00	39.02 -1.58 0.00	39.46 -1.37 0.00	39.34 -1.29 0.00	48.24 -1.32 0.00	46.44 -1.41 0.00	43.45 -2.33 0.00	40.91 -2.19 0.00	36.83 -1.71 0.00	32.76 -1.67 0.00	35.19 -0.97 0.00	41.14 -0.65 0.00
PACKARD___115KV_DUPONT_184 80571	32.25 -1.12 0.00	27.58 -0.98 0.00	26.01 -0.96 0.00	25.26 -0.89 0.00	27.58 -0.97 0.00	26.98 -0.68 0.00	41.55 -1.63 0.00	33.48 -1.88 0.00	36.64 -2.75 0.00	37.66 -2.46 0.00	34.70 -2.21 0.00	33.44 -2.14 0.00	37.32 -2.34 0.00	39.02 -1.58 0.00	39.46 -1.37 0.00	39.34 -1.29 0.00	48.24 -1.32 0.00	46.44 -1.41 0.00	43.45 -2.33 0.00	40.91 -2.19 0.00	36.83 -1.71 0.00	32.76 -1.67 0.00	35.19 -0.97 0.00	41.14 -0.65 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	35.28 1.92 0.00	30.07 1.51 0.00	28.32 1.34 0.00	27.38 1.24 0.00	29.86 1.31 0.00	29.02 1.36 0.00	45.52 2.34 0.00	37.59 2.24 0.00	41.85 2.46 0.00	42.50 2.38 0.00	39.25 2.34 0.00	37.93 2.35 0.00	42.17 2.52 0.00	43.41 2.81 0.00	43.76 2.94 0.00	43.49 2.86 0.00	53.04 3.48 0.00	51.31 3.45 0.00	48.77 2.99 0.00	45.78 2.67 -0.01	40.92 2.39 0.00	36.63 2.11 -0.09	38.36 2.13 -0.06	44.12 2.33 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	35.75 2.39 0.00	30.47 1.91 0.00	28.69 1.71 0.00	27.72 1.58 0.00	30.25 1.70 0.00	29.41 1.76 0.00	46.14 2.96 0.00	38.07 2.72 0.00	42.42 3.02 0.00	42.98 2.86 0.00	39.70 2.79 0.00	38.34 2.76 0.00	42.72 3.06 0.00	43.97 3.37 0.00	44.30 3.48 0.00	44.05 3.41 0.00	53.64 4.08 0.00	51.88 4.02 0.00	49.32 3.54 0.00	46.26 3.15 -0.01	41.34 2.81 0.00	37.00 2.49 -0.09	38.83 2.61 -0.06	44.64 2.86 0.00
PATROON___115KV_TB1 80586	34.03 0.67 0.00	29.11 0.55 0.00	27.49 0.52 0.00	26.62 0.48 0.00	29.09 0.54 0.00	28.14 0.48 0.00	43.96 0.78 0.00	36.13 0.78 0.00	40.25 0.85 0.00	41.03 0.91 0.00	37.69 0.79 0.00	36.29 0.71 0.00	40.34 0.68 0.00	41.47 0.86 0.00	41.79 0.97 0.00	41.63 0.99 0.00	50.74 1.18 0.00	49.19 1.34 0.00	47.06 1.28 0.00	44.19 1.09 0.00	39.46 0.93 0.00	35.06 0.72 0.08	36.77 0.67 0.06	42.39 0.61 0.00
PATTRSNVILLE___SOLAR 323815	34.60 1.24 0.00	29.57 1.01 0.00	27.92 0.95 0.00	27.07 0.92 0.00	29.55 1.00 0.00	28.63 0.97 0.00	44.80 1.62 0.00	36.76 1.40 0.00	40.79 1.40 0.00	41.25 1.13 0.00	37.67 0.76 0.00	36.15 0.57 0.00	40.21 0.55 0.00	41.33 0.73 0.00	41.64 0.82 0.00	41.48 0.84 0.00	50.78 1.22 0.00	49.55 1.70 0.00	47.76 1.98 0.00	45.01 1.91 0.00	40.19 1.65 0.00	35.73 1.37 0.07	37.50 1.38 0.05	43.28 1.49 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	34.14 0.78 0.00	29.01 0.45 0.00	27.37 0.39 0.00	26.56 0.42 0.00	29.02 0.47 0.00	28.35 0.70 0.00	44.02 0.84 0.00	35.79 0.44 0.00	39.28 -0.11 0.00	40.33 0.21 0.00	37.22 0.31 0.00	35.84 0.26 0.00	39.83 0.17 0.00	41.65 1.05 0.00	42.23 1.41 0.00	42.05 1.41 0.00	51.64 2.08 0.00	49.81 1.93 -0.02	46.50 0.71 -0.02	43.36 0.25 0.00	38.89 0.36 0.00	34.44 0.02 0.00	36.75 0.59 0.00	42.66 0.87 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	35.02 1.66 0.00	29.86 1.30 0.00	28.13 1.16 0.00	27.21 1.07 0.00	29.68 1.13 0.00	28.81 1.16 0.00	45.19 2.01 0.00	37.31 1.95 0.00	41.54 2.14 0.00	42.24 2.12 0.00	38.95 2.05 0.00	37.63 2.06 0.00	41.91 2.25 0.00	43.10 2.50 0.00	43.47 2.65 0.00	43.31 2.67 0.00	52.83 3.27 0.00	51.13 3.27 0.00	48.70 2.92 0.00	45.69 2.59 0.00	40.75 2.21 0.00	36.40 1.90 -0.08	38.08 1.86 -0.06	43.74 1.96 0.00
PEEKSKILL____ 23653	34.64 1.27 0.00	29.54 0.98 0.00	27.83 0.85 0.00	26.92 0.78 0.00	29.36 0.81 0.00	28.49 0.83 0.00	44.66 1.48 0.00	36.83 1.48 0.00	41.02 1.63 0.00	41.69 1.57 0.00	38.44 1.53 0.00	37.13 1.55 0.00	41.38 1.72 0.00	42.59 1.99 0.00	42.94 2.12 0.00	42.77 2.13 0.00	52.18 2.62 0.00	50.50 2.65 0.00	48.10 2.32 0.00	45.10 1.99 0.00	40.20 1.68 0.00	35.95 1.44 -0.09	37.61 1.39 -0.06	43.25 1.46 0.00

PGE MADISON___WINDPWR 24146	35.73 2.37 0.00	30.38 1.82 0.00	28.71 1.73 0.00	27.84 1.69 0.00	30.41 1.86 0.00	29.61 1.95 0.00	46.66 3.48 0.00	38.23 2.87 0.00	42.06 2.67 0.00	42.15 2.03 0.00	38.56 1.65 0.00	37.18 1.61 0.00	41.66 2.01 0.00	43.21 2.61 0.00	43.53 2.71 0.00	43.67 3.04 0.00	53.44 3.88 0.00	52.20 4.32 -0.03	50.38 4.60 0.00	47.24 4.13 0.00	41.79 3.26 0.00	36.80 2.37 0.00	38.45 2.28 0.00	44.21 2.43 0.00
PIERCEFIELD___HYD 23852	33.51 0.15 0.00	28.74 0.18 0.00	27.12 0.14 0.00	26.28 0.14 0.00	28.71 0.16 0.00	27.85 0.20 0.00	43.53 0.35 0.00	35.59 0.23 0.00	39.65 0.26 0.00	40.23 0.11 0.00	36.73 -0.17 0.00	35.28 -0.29 0.00	39.32 -0.34 0.00	40.03 -0.57 0.00	40.13 -0.69 0.00	39.81 -0.82 0.00	48.74 -0.83 0.00	47.16 -0.71 -0.02	45.56 -0.22 0.00	43.15 0.05 0.00	38.60 0.07 0.00	34.73 0.31 0.00	36.69 0.53 0.00	42.35 0.57 0.00
PINELAWN_CC_1 323563	35.22 1.85 0.00	30.18 1.62 0.00	28.36 1.39 0.00	27.36 1.22 0.01	29.86 1.32 0.00	29.06 1.40 0.00	45.96 2.27 -0.51	44.19 2.43 -6.40	42.01 2.61 0.00	42.50 2.38 0.00	38.78 1.87 0.00	37.55 1.98 0.00	41.60 1.94 0.00	43.06 2.46 0.00	43.22 2.39 0.00	42.83 2.20 0.00	51.96 2.40 0.00	50.20 2.35 0.00	47.73 1.94 0.00	45.21 2.10 0.00	40.44 1.91 0.00	36.57 2.06 -0.09	38.11 1.88 -0.06	43.70 1.91 0.00
PJM_GEN_HTP_PROXY 323702	35.08 1.72 0.00	29.90 1.34 0.00	28.15 1.18 0.00	27.23 1.08 0.00	29.68 1.14 0.00	28.82 1.17 0.00	45.19 2.01 0.00	37.33 1.98 0.00	41.60 2.21 0.00	42.28 2.16 0.00	39.04 2.13 0.00	37.72 2.15 0.00	40.78 2.31 1.19	43.56 2.60 -0.35	44.25 2.72 -0.70	41.84 2.71 1.50	57.74 3.28 -4.90	51.09 3.23 0.00	48.60 2.81 0.00	45.56 2.46 0.00	40.69 2.16 0.00	36.44 1.93 -0.09	38.39 1.93 -0.30	43.89 2.11 0.00
PJM_GEN_KEystone 24065	33.69 0.33 0.00	15.69 0.13 12.99	17.93 0.10 9.15	17.31 0.09 8.92	18.97 0.08 9.66	25.61 0.18 2.23	43.56 0.37 0.00	35.72 0.36 0.00	28.10 0.18 11.47	40.34 0.22 0.00	37.21 0.30 0.00	35.92 0.34 0.00	38.87 0.40 1.19	41.87 0.91 -0.35	42.63 1.10 -0.70	40.20 1.07 1.50	55.98 1.52 -4.90	49.42 1.55 -0.01	49.64 0.99 -2.87	41.13 0.69 2.66	39.12 0.58 0.00	34.79 0.32 -0.05	36.86 0.43 -0.27	42.34 0.56 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.17 1.81 0.00	30.08 1.52 0.00	28.29 1.32 0.00	27.32 1.17 0.00	29.81 1.26 0.00	28.97 1.32 0.00	45.86 2.17 -0.51	44.01 2.25 -6.40	41.82 2.42 0.00	42.36 2.24 0.00	38.82 1.91 0.00	37.57 2.00 0.00	40.62 2.15 1.19	43.43 2.48 -0.35	44.00 2.47 -0.70	41.64 2.51 1.50	57.34 2.88 -4.90	50.81 2.96 0.00	48.28 2.50 0.00	45.47 2.36 0.00	40.60 2.07 0.00	36.42 1.91 -0.09	38.26 1.80 -0.30	43.66 1.88 0.00
PJM_GEN_VFT_PROXY 323633	35.04 1.68 0.00	29.86 1.30 0.00	28.11 1.13 0.00	27.19 1.04 0.00	29.62 1.08 0.00	28.77 1.12 0.00	45.09 1.91 0.00	37.23 1.88 0.00	41.46 2.07 0.00	42.11 1.99 0.00	38.90 1.99 0.00	37.61 2.03 0.00	40.65 2.17 1.19	43.42 2.46 -0.35	44.13 2.60 -0.70	41.72 2.59 1.50	57.61 3.16 -4.90	50.98 3.13 0.00	48.51 2.72 0.00	45.46 2.36 0.00	40.59 2.06 0.00	36.35 1.84 -0.09	38.29 1.83 -0.30	43.77 1.99 0.00
PLATSBURG_115KV_PMLD1 355749	34.56 1.19 0.00	29.51 0.95 0.00	27.88 0.91 0.00	27.00 0.85 0.00	29.54 0.99 0.00	28.70 1.05 0.00	44.73 1.54 0.00	36.93 1.58 0.00	41.04 1.65 0.00	41.85 1.73 0.00	38.26 1.35 0.00	36.75 1.18 0.00	40.93 1.27 0.00	41.73 1.13 0.00	41.91 1.08 0.00	41.64 1.01 0.00	51.09 1.53 0.00	49.11 1.25 0.00	47.16 1.38 0.00	44.00 0.90 0.00	39.46 0.93 0.00	35.04 0.61 0.00	36.93 0.76 0.00	42.88 1.09 0.00
PLEASANTVLY___LBMP 24000	34.54 1.18 0.00	29.48 0.93 0.00	27.79 0.82 0.00	26.90 0.76 0.00	29.35 0.80 0.00	28.45 0.80 0.00	44.56 1.38 0.00	36.74 1.39 0.00	40.91 1.52 0.00	41.61 1.49 0.00	38.35 1.44 0.00	37.02 1.44 0.00	41.19 1.53 0.00	42.34 1.74 0.00	42.68 1.86 0.00	42.50 1.87 0.00	51.77 2.21 0.00	50.10 2.25 0.00	47.78 2.00 0.00	44.85 1.75 0.00	40.02 1.49 0.00	35.80 1.28 -0.10	37.48 1.25 -0.07	43.08 1.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.87 1.51 0.00	29.74 1.18 0.00	28.01 1.03 0.00	27.10 0.95 0.00	29.56 1.01 0.00	28.69 1.03 0.00	44.95 1.77 0.00	37.11 1.76 0.00	41.34 1.95 0.00	42.02 1.90 0.00	38.74 1.83 0.00	37.43 1.85 0.00	41.66 2.00 0.00	42.86 2.25 0.00	43.21 2.38 0.00	43.03 2.40 0.00	52.46 2.90 0.00	50.73 2.87 0.00	48.31 2.53 0.00	45.34 2.24 0.00	40.46 1.92 0.00	36.20 1.69 -0.09	37.86 1.63 -0.06	43.54 1.76 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.87 1.51 0.00	29.74 1.18 0.00	28.01 1.03 0.00	27.10 0.95 0.00	29.56 1.01 0.00	28.69 1.03 0.00	44.95 1.77 0.00	37.11 1.76 0.00	41.34 1.95 0.00	42.02 1.90 0.00	38.74 1.83 0.00	37.43 1.85 0.00	41.66 2.00 0.00	42.86 2.25 0.00	43.21 2.38 0.00	43.03 2.40 0.00	52.46 2.90 0.00	50.73 2.87 0.00	48.31 2.53 0.00	45.34 2.24 0.00	40.46 1.92 0.00	36.20 1.69 -0.09	37.86 1.63 -0.06	43.54 1.76 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.77 1.40 0.00	29.64 1.09 0.00	27.95 0.98 0.00	27.05 0.90 0.00	29.50 0.96 0.00	28.62 0.96 0.00	44.87 1.69 0.00	37.00 1.64 0.00	41.21 1.81 0.00	41.89 1.77 0.00	38.59 1.68 0.00	37.28 1.70 0.00	41.50 1.84 0.00	42.64 2.04 0.00	43.00 2.18 0.00	42.84 2.20 0.00	52.28 2.72 0.00	50.64 2.78 0.00	48.30 2.52 0.00	45.33 2.23 0.00	40.41 1.88 0.00	36.00 1.58 0.00	37.71 1.54 0.00	43.39 1.61 0.00
POLETTI___ 23519	35.10 1.73 0.00	29.90 1.34 0.00	28.16 1.18 0.00	27.24 1.10 0.00	29.68 1.13 0.00	28.83 1.17 0.00	45.17 1.99 0.00	37.33 1.97 0.00	41.58 2.19 0.00	42.25 2.13 0.00	39.01 2.11 0.00	37.71 2.13 0.00	41.95 2.29 0.00	43.19 2.58 0.00	43.54 2.71 0.00	43.34 2.70 0.00	52.83 3.27 0.00	51.08 3.22 0.00	48.56 2.78 0.00	45.54 2.43 0.00	40.70 2.16 0.00	36.46 1.95 -0.09	38.24 2.02 -0.06	43.98 2.19 0.00
POMONA___ESR 323819	34.63 1.27 0.00	29.54 0.98 0.00	27.82 0.84 0.00	26.90 0.76 0.00	29.34 0.79 0.00	28.47 0.81 0.00	44.64 1.46 0.00	36.81 1.45 0.00	40.99 1.60 0.00	41.67 1.55 0.00	38.43 1.53 0.00	37.14 1.57 0.00	41.44 1.78 0.00	42.67 2.07 0.00	43.05 2.22 0.00	42.88 2.24 0.00	52.35 2.79 0.00	50.67 2.82 0.00	48.25 2.47 0.00	45.20 2.10 0.00	40.27 1.74 0.00	35.98 1.47 -0.08	37.62 1.40 -0.06	43.27 1.48 0.00
PORT_JEFF_3 23555	34.05 0.69 0.00	29.60 1.04 0.00	27.82 0.84 0.00	26.76 0.76 0.15	29.23 0.72 0.03	28.54 0.89 0.00	45.04 1.35 -0.51	43.57 1.81 -6.40	41.38 1.99 0.00	41.86 1.74 0.00	38.06 1.16 0.00	37.03 1.46 0.00	41.30 1.64 0.00	42.72 2.11 0.00	42.78 1.96 0.00	42.69 2.06 0.00	51.42 1.86 0.00	50.15 2.29 0.00	47.55 1.77 0.00	45.23 2.13 0.00	40.38 1.84 0.00	36.23 1.71 -0.09	37.69 1.46 -0.06	43.23 1.45 0.00

PORT_JEFF_4 23616	34.05 0.69 0.00	29.60 1.04 0.00	27.82 0.84 0.00	26.76 0.76 0.15	29.23 0.72 0.03	28.54 0.89 0.00	45.04 1.35 -0.51	43.57 1.81 -6.40	41.38 1.99 0.00	41.86 1.74 0.00	38.06 1.16 0.00	37.03 1.46 0.00	41.30 1.64 0.00	42.72 2.11 0.00	42.78 1.96 0.00	42.69 2.06 0.00	51.42 1.86 0.00	50.15 2.29 0.00	47.55 1.77 0.00	45.23 2.13 0.00	40.38 1.84 0.00	36.23 1.71 -0.09	37.69 1.46 -0.06	43.23 1.45 0.00
PORT_JEFF_IC 23713	34.09 0.72 0.00	29.61 1.05 0.00	27.83 0.86 0.00	26.76 0.77 0.16	29.25 0.73 0.03	28.54 0.89 0.00	45.08 1.39 -0.51	43.58 1.83 -6.40	41.39 1.99 0.00	41.88 1.76 0.00	38.07 1.17 0.00	37.05 1.47 0.00	41.32 1.66 0.00	42.73 2.13 0.00	42.80 1.97 0.00	42.71 2.08 0.00	51.31 1.75 0.00	50.11 2.25 0.00	47.45 1.67 0.00	45.27 2.17 0.00	40.42 1.88 0.00	36.26 1.74 -0.09	37.72 1.49 -0.06	43.26 1.48 0.00
PPL_PILGRIM_ST_GT1 24216	35.00 1.64 0.00	30.10 1.54 0.00	28.27 1.30 0.00	27.30 1.17 0.01	29.79 1.25 0.00	28.99 1.33 0.00	45.80 2.11 -0.51	44.12 2.36 -6.40	41.92 2.53 0.00	42.41 2.29 0.00	38.61 1.70 0.00	37.45 1.88 0.00	41.71 2.05 0.00	43.05 2.44 0.00	43.16 2.34 0.00	43.06 2.43 0.00	52.06 2.50 0.00	50.44 2.59 0.00	47.89 2.10 0.00	45.58 2.47 0.00	40.71 2.17 0.00	36.53 2.02 -0.09	38.02 1.79 -0.06	43.58 1.80 0.00
PPL_PILGRIM_ST_GT2 24217	35.00 1.64 0.00	30.10 1.54 0.00	28.27 1.30 0.00	27.30 1.17 0.01	29.79 1.25 0.00	28.99 1.33 0.00	45.80 2.11 -0.51	44.12 2.36 -6.40	41.92 2.53 0.00	42.41 2.29 0.00	38.61 1.70 0.00	37.45 1.88 0.00	41.71 2.05 0.00	43.05 2.44 0.00	43.16 2.34 0.00	43.06 2.43 0.00	52.06 2.50 0.00	50.44 2.59 0.00	47.89 2.10 0.00	45.58 2.47 0.00	40.71 2.17 0.00	36.53 2.02 -0.09	38.02 1.79 -0.06	43.58 1.80 0.00
PPL_SHRM_GT3 24213	33.44 0.08 0.00	29.08 0.52 0.00	27.34 0.37 0.00	26.29 0.29 0.15	28.72 0.20 0.03	28.04 0.39 0.00	44.29 0.59 -0.51	42.96 1.20 -6.40	40.72 1.33 0.00	41.17 1.05 0.00	37.39 0.48 0.00	36.39 0.82 0.00	40.63 0.97 0.00	42.00 1.40 0.00	42.04 1.22 0.00	42.00 1.37 0.00	50.76 1.20 0.00	49.46 1.60 0.00	47.01 1.23 0.00	44.69 1.59 0.00	39.84 1.31 0.00	35.73 1.22 -0.09	37.13 0.91 -0.06	42.55 0.77 0.00
PPL_SHRM_GT4 24214	33.44 0.08 0.00	29.08 0.52 0.00	27.34 0.37 0.00	26.29 0.29 0.15	28.72 0.20 0.03	28.04 0.39 0.00	44.29 0.59 -0.51	42.96 1.20 -6.40	40.72 1.33 0.00	41.17 1.05 0.00	37.39 0.48 0.00	36.39 0.82 0.00	40.63 0.97 0.00	42.00 1.40 0.00	42.04 1.22 0.00	42.00 1.37 0.00	50.76 1.20 0.00	49.46 1.60 0.00	47.01 1.23 0.00	44.69 1.59 0.00	39.84 1.31 0.00	35.73 1.22 -0.09	37.13 0.91 -0.06	42.55 0.77 0.00
PROJECT___ORANGE 1 24174	33.12 -0.24 0.00	28.26 -0.30 0.00	26.67 -0.29 0.00	25.87 -0.28 0.00	28.26 -0.29 0.00	27.44 -0.22 0.00	42.84 -0.34 0.00	34.98 -0.37 0.00	38.81 -0.59 0.00	39.52 -0.61 0.00	36.41 -0.50 0.00	35.12 -0.46 0.00	39.26 -0.40 0.00	40.42 -0.18 0.00	40.78 -0.04 0.00	40.65 0.02 0.00	49.66 0.10 0.00	48.15 0.25 -0.05	45.85 0.07 0.00	43.05 -0.05 0.00	38.44 -0.10 0.00	34.19 -0.24 0.00	35.94 -0.22 0.00	41.61 -0.17 0.00
PROJECT___ORANGE 2 24166	33.12 -0.24 0.00	28.26 -0.30 0.00	26.67 -0.29 0.00	25.87 -0.28 0.00	28.26 -0.29 0.00	27.44 -0.22 0.00	42.84 -0.34 0.00	34.98 -0.37 0.00	38.81 -0.59 0.00	39.52 -0.61 0.00	36.41 -0.50 0.00	35.12 -0.46 0.00	39.26 -0.40 0.00	40.42 -0.18 0.00	40.78 -0.04 0.00	40.65 0.02 0.00	49.66 0.10 0.00	48.15 0.25 -0.05	45.85 0.07 0.00	43.05 -0.05 0.00	38.44 -0.10 0.00	34.19 -0.24 0.00	35.94 -0.22 0.00	41.61 -0.17 0.00
PUCKETT___SOLAR 323809	34.04 0.67 0.00	28.98 0.42 0.00	27.41 0.44 0.00	26.59 0.44 0.00	29.03 0.49 0.00	28.20 0.54 0.00	44.21 1.04 0.00	36.20 0.85 0.00	40.00 0.61 0.00	40.60 0.48 0.00	37.16 0.26 0.00	35.82 0.24 0.00	40.00 0.34 0.00	41.37 0.77 0.00	41.71 0.89 0.00	41.60 0.96 0.00	50.98 1.42 0.00	49.66 1.77 -0.03	47.46 1.67 0.00	44.52 1.41 0.00	39.62 1.08 0.00	35.06 0.63 0.00	36.78 0.62 0.00	42.54 0.76 0.00
PYRITES___HYD 24023	34.15 0.78 0.00	29.28 0.73 0.00	27.63 0.66 0.00	26.77 0.63 0.00	29.25 0.70 0.00	28.40 0.74 0.00	44.45 1.26 0.00	36.30 0.95 0.00	40.36 0.96 0.00	40.67 0.54 0.00	37.01 0.10 0.00	35.60 0.02 0.00	39.68 0.02 0.00	40.39 -0.21 0.00	40.57 -0.26 0.00	40.25 -0.38 0.00	49.18 -0.38 0.00	47.76 -0.11 0.00	46.47 0.69 0.00	44.19 1.09 0.00	39.51 0.98 0.00	35.44 1.02 0.00	37.36 1.19 0.00	43.10 1.31 0.00
QUAKERRD_115KV_BK1 80622	32.34 -1.02 0.00	27.57 -0.99 0.00	26.00 -0.97 0.00	25.22 -0.92 0.00	27.56 -0.99 0.00	26.85 -0.81 0.00	41.78 -1.40 0.00	34.05 -1.31 0.00	37.58 -1.82 0.00	38.36 -1.76 0.00	35.37 -1.54 0.00	34.11 -1.47 0.00	38.14 -1.52 0.00	39.54 -1.07 0.00	39.96 -0.87 0.00	39.90 -0.73 0.00	48.95 -0.61 0.00	47.36 -0.50 0.00	44.86 -0.92 0.00	42.20 -0.90 0.00	37.74 -0.79 0.00	33.50 -0.92 0.00	35.45 -0.71 0.00	41.07 -0.72 0.00
QUENSBRY_115KV_TB8 356137	35.51 2.15 0.00	30.30 1.74 0.00	28.66 1.69 0.00	27.77 1.62 0.00	30.37 1.82 0.00	29.41 1.76 0.00	45.94 2.76 0.00	37.89 2.54 0.00	42.37 2.98 0.00	43.19 3.07 0.00	39.53 2.63 0.00	37.82 2.24 0.00	41.89 2.24 0.00	43.10 2.50 0.00	43.54 2.72 0.00	43.50 2.86 0.00	53.26 3.70 0.00	51.75 3.89 0.00	49.69 3.91 0.00	46.80 3.70 0.00	41.85 3.32 0.00	37.04 2.70 0.09	38.89 2.79 0.06	44.69 2.91 0.00
RAMAPO___LBMP 323565	34.46 1.10 0.00	29.40 0.84 0.00	27.70 0.73 0.00	26.79 0.65 0.00	29.22 0.67 0.00	28.35 0.69 0.00	44.45 1.28 0.00	36.63 1.28 0.00	40.79 1.40 0.00	41.46 1.34 0.00	38.23 1.32 0.00	36.93 1.35 0.00	41.20 1.54 0.00	42.43 1.82 0.00	42.80 1.98 0.00	42.61 1.98 0.00	52.04 2.48 0.00	50.37 2.51 0.00	47.98 2.20 0.00	44.96 1.86 0.00	40.06 1.52 0.00	35.79 1.28 -0.08	37.43 1.21 -0.06	43.07 1.29 0.00
RANKINE____ 23646	33.50 0.13 0.00	28.49 -0.07 0.00	26.86 -0.11 0.00	26.05 -0.09 0.00	28.47 -0.08 0.00	27.85 0.19 0.00	43.17 -0.02 0.00	35.05 -0.30 0.00	38.43 -0.97 0.00	39.48 -0.64 0.00	36.43 -0.48 0.00	35.12 -0.46 0.00	39.17 -0.49 0.00	40.98 0.37 0.00	41.54 0.72 0.00	41.35 0.71 0.00	50.79 1.23 0.00	48.98 1.12 0.00	45.79 0.00 0.00	42.91 -0.20 0.00	38.52 -0.02 0.00	34.13 -0.29 0.00	36.49 0.32 0.00	42.33 0.55 0.00
RAVENSWOOD_GT2_1 24244	35.14 1.78 0.00	29.95 1.39 0.00	28.20 1.22 0.00	27.27 1.13 0.00	29.73 1.18 0.00	28.87 1.22 0.00	45.27 2.10 0.00	37.41 2.05 0.00	41.68 2.28 0.00	42.34 2.22 0.00	39.09 2.19 0.00	37.79 2.22 0.00	42.03 2.37 0.00	43.27 2.67 0.00	43.62 2.80 0.00	43.42 2.79 0.00	52.90 3.35 0.00	51.15 3.29 0.00	48.65 2.86 0.00	45.63 2.53 0.00	40.76 2.22 0.00	36.51 1.99 -0.09	38.23 2.00 -0.06	43.95 2.17 0.00

RAVENSWOOD_GT2_2 24245	35.14 1.78 0.00	29.95 1.39 0.00	28.20 1.22 0.00	27.27 1.13 0.00	29.73 1.18 0.00	28.87 1.22 0.00	45.27 2.10 0.00	37.41 2.05 0.00	41.68 2.28 0.00	42.34 2.22 0.00	39.09 2.19 0.00	37.79 2.22 0.00	42.03 2.37 0.00	43.27 2.67 0.00	43.62 2.80 0.00	43.42 2.79 0.00	52.90 3.35 0.00	51.15 3.29 0.00	48.65 2.86 0.00	45.63 2.53 0.00	40.76 2.22 0.00	36.51 1.99 -0.09	38.23 2.00 -0.06	43.95 2.17 0.00
RAVENSWOOD_GT2_3 24246	35.16 1.80 0.00	29.96 1.40 0.00	28.21 1.24 0.00	27.28 1.14 0.00	29.74 1.19 0.00	28.89 1.23 0.00	45.30 2.12 0.00	37.43 2.07 0.00	41.70 2.30 0.00	42.37 2.25 0.00	39.12 2.21 0.00	37.80 2.22 0.00	42.06 2.40 0.00	43.30 2.70 0.00	43.64 2.82 0.00	43.43 2.80 0.00	52.95 3.39 0.00	51.19 3.33 0.00	48.68 2.90 0.00	45.65 2.55 0.00	40.78 2.25 0.00	36.52 2.01 -0.09	38.25 2.02 -0.06	43.98 2.19 0.00
RAVENSWOOD_GT2_4 24247	35.16 1.80 0.00	29.96 1.40 0.00	28.21 1.24 0.00	27.28 1.14 0.00	29.74 1.19 0.00	28.89 1.23 0.00	45.30 2.12 0.00	37.43 2.07 0.00	41.70 2.30 0.00	42.37 2.25 0.00	39.12 2.21 0.00	37.80 2.22 0.00	42.06 2.40 0.00	43.30 2.70 0.00	43.64 2.82 0.00	43.43 2.80 0.00	52.95 3.39 0.00	51.19 3.33 0.00	48.68 2.90 0.00	45.65 2.55 0.00	40.78 2.25 0.00	36.52 2.01 -0.09	38.25 2.02 -0.06	43.98 2.19 0.00
RAVENSWOOD_GT3_1 24248	35.14 1.78 0.00	29.95 1.39 0.00	28.20 1.22 0.00	27.27 1.13 0.00	29.73 1.18 0.00	28.87 1.22 0.00	45.27 2.10 0.00	37.41 2.05 0.00	41.68 2.28 0.00	42.34 2.22 0.00	39.10 2.19 0.00	37.79 2.22 0.00	42.04 2.38 0.00	43.27 2.67 0.00	43.62 2.80 0.00	43.42 2.79 0.00	52.90 3.35 0.00	51.16 3.30 0.00	48.65 2.86 0.00	45.63 2.53 0.00	40.76 2.22 0.00	36.51 1.99 -0.09	38.23 2.00 -0.06	43.95 2.17 0.00
RAVENSWOOD_GT3_2 24249	35.14 1.78 0.00	29.95 1.39 0.00	28.20 1.22 0.00	27.27 1.13 0.00	29.73 1.18 0.00	28.87 1.22 0.00	45.27 2.10 0.00	37.41 2.05 0.00	41.68 2.28 0.00	42.34 2.22 0.00	39.10 2.19 0.00	37.79 2.22 0.00	42.04 2.38 0.00	43.27 2.67 0.00	43.62 2.80 0.00	43.42 2.79 0.00	52.90 3.35 0.00	51.16 3.30 0.00	48.65 2.86 0.00	45.63 2.53 0.00	40.76 2.22 0.00	36.51 1.99 -0.09	38.23 2.00 -0.06	43.95 2.17 0.00
RAVENSWOOD_GT3_3 24250	35.20 1.84 0.00	30.00 1.44 0.00	28.24 1.27 0.00	27.32 1.17 0.00	29.77 1.22 0.00	28.92 1.27 0.00	45.36 2.17 0.00	37.47 2.12 0.00	41.75 2.35 0.00	42.42 2.30 0.00	39.17 2.27 0.00	37.86 2.29 0.00	42.12 2.46 0.00	43.37 2.77 0.00	43.71 2.89 0.00	43.51 2.87 0.00	53.02 3.46 0.00	51.27 3.41 0.00	48.75 2.96 0.00	45.72 2.61 0.00	40.83 2.30 0.00	36.57 2.06 -0.09	38.29 2.06 -0.06	44.02 2.23 0.00
RAVENSWOOD_GT3_4 24251	35.20 1.84 0.00	30.00 1.44 0.00	28.24 1.27 0.00	27.32 1.17 0.00	29.77 1.22 0.00	28.92 1.27 0.00	45.36 2.17 0.00	37.47 2.12 0.00	41.75 2.35 0.00	42.42 2.30 0.00	39.17 2.27 0.00	37.86 2.29 0.00	42.12 2.46 0.00	43.37 2.77 0.00	43.71 2.89 0.00	43.51 2.87 0.00	53.02 3.46 0.00	51.27 3.41 0.00	48.75 2.96 0.00	45.72 2.61 0.00	40.83 2.30 0.00	36.57 2.06 -0.09	38.29 2.06 -0.06	44.02 2.23 0.00
RAVENSWOOD_GT_1 23729	35.23 1.87 0.00	30.03 1.47 0.00	28.26 1.29 0.00	27.33 1.19 0.00	29.79 1.25 0.00	28.95 1.30 0.00	45.41 2.23 0.00	37.54 2.19 0.00	41.82 2.43 0.00	42.48 2.36 0.00	39.25 2.35 0.00	37.94 2.36 0.00	42.19 2.53 0.00	43.43 2.83 0.00	43.77 2.95 0.00	43.51 2.88 0.00	52.96 3.40 0.00	51.20 3.34 0.00	48.66 2.87 0.00	45.65 2.55 0.00	40.83 2.30 0.00	36.61 2.09 -0.09	38.33 2.10 -0.06	44.08 2.29 0.00
RAVENSWOOD_GT_10 24258	35.14 1.78 0.00	29.95 1.39 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.73 1.18 0.00	28.87 1.22 0.00	45.27 2.09 0.00	37.40 2.05 0.00	41.67 2.28 0.00	42.33 2.22 0.00	39.09 2.18 0.00	37.78 2.20 0.00	42.03 2.37 0.00	43.27 2.66 0.00	43.62 2.79 0.00	43.42 2.79 0.00	52.90 3.35 0.00	51.16 3.30 0.00	48.65 2.87 0.00	45.63 2.53 0.00	40.75 2.22 0.00	36.51 1.99 -0.09	38.23 2.00 -0.06	43.95 2.17 0.00
RAVENSWOOD_GT_11 24259	35.14 1.78 0.00	29.95 1.39 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.73 1.18 0.00	28.87 1.22 0.00	45.27 2.09 0.00	37.40 2.05 0.00	41.67 2.28 0.00	42.33 2.22 0.00	39.09 2.18 0.00	37.78 2.20 0.00	42.03 2.37 0.00	43.27 2.66 0.00	43.62 2.79 0.00	43.42 2.79 0.00	52.90 3.35 0.00	51.16 3.30 0.00	48.65 2.87 0.00	45.63 2.53 0.00	40.75 2.22 0.00	36.51 1.99 -0.09	38.23 2.00 -0.06	43.95 2.17 0.00
RAVENSWOOD_GT_4 24252	35.13 1.77 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.12 0.00	29.72 1.17 0.00	28.86 1.21 0.00	45.26 2.08 0.00	37.38 2.03 0.00	41.65 2.25 0.00	42.32 2.20 0.00	39.07 2.16 0.00	37.76 2.18 0.00	42.01 2.35 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.39 2.76 0.00	52.90 3.34 0.00	51.15 3.29 0.00	48.65 2.87 0.00	45.63 2.53 0.00	40.75 2.21 0.00	36.49 1.97 -0.09	38.22 1.99 -0.06	43.93 2.15 0.00
RAVENSWOOD_GT_5 24254	35.13 1.77 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.12 0.00	29.72 1.17 0.00	28.86 1.21 0.00	45.26 2.08 0.00	37.38 2.03 0.00	41.65 2.25 0.00	42.32 2.20 0.00	39.07 2.16 0.00	37.76 2.18 0.00	42.01 2.35 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.39 2.76 0.00	52.90 3.34 0.00	51.15 3.29 0.00	48.65 2.87 0.00	45.63 2.53 0.00	40.75 2.21 0.00	36.49 1.97 -0.09	38.22 1.99 -0.06	43.93 2.15 0.00
RAVENSWOOD_GT_6 24253	35.13 1.77 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.12 0.00	29.72 1.17 0.00	28.86 1.21 0.00	45.26 2.08 0.00	37.38 2.03 0.00	41.65 2.25 0.00	42.32 2.20 0.00	39.07 2.16 0.00	37.76 2.18 0.00	42.01 2.35 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.39 2.76 0.00	52.90 3.34 0.00	51.15 3.29 0.00	48.65 2.87 0.00	45.63 2.53 0.00	40.75 2.21 0.00	36.49 1.97 -0.09	38.22 1.99 -0.06	43.93 2.15 0.00
RAVENSWOOD_GT_7 24255	35.13 1.77 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.12 0.00	29.72 1.17 0.00	28.86 1.21 0.00	45.26 2.08 0.00	37.38 2.03 0.00	41.65 2.25 0.00	42.32 2.20 0.00	39.07 2.16 0.00	37.76 2.18 0.00	42.01 2.35 0.00	43.25 2.65 0.00	43.59 2.77 0.00	43.39 2.76 0.00	52.90 3.34 0.00	51.15 3.29 0.00	48.65 2.87 0.00	45.63 2.53 0.00	40.75 2.21 0.00	36.49 1.97 -0.09	38.22 1.99 -0.06	43.93 2.15 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.14 1.78 0.00	29.95 1.39 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.73 1.18 0.00	28.87 1.22 0.00	45.27 2.09 0.00	37.40 2.05 0.00	41.67 2.28 0.00	42.33 2.22 0.00	39.09 2.18 0.00	37.78 2.20 0.00	42.03 2.37 0.00	43.27 2.66 0.00	43.62 2.79 0.00	43.42 2.79 0.00	52.90 3.35 0.00	51.16 3.30 0.00	48.65 2.87 0.00	45.63 2.53 0.00	40.75 2.22 0.00	36.51 1.99 -0.09	38.23 2.00 -0.06	43.95 2.17 0.00

RAVENSWOOD_GT_9 24257	35.14 1.78 0.00	29.95 1.39 0.00	28.19 1.22 0.00	27.27 1.13 0.00	29.73 1.18 0.00	28.87 1.22 0.00	45.27 2.09 0.00	37.40 2.05 0.00	41.67 2.28 0.00	42.33 2.22 0.00	39.09 2.18 0.00	37.78 2.20 0.00	42.03 2.37 0.00	43.27 2.66 0.00	43.62 2.79 0.00	43.42 2.79 0.00	52.90 3.35 0.00	51.16 3.30 0.00	48.65 2.87 0.00	45.63 2.53 0.00	40.75 2.22 0.00	36.51 1.99 -0.09	38.23 2.00 -0.06	43.95 2.17 0.00
RAVENSWOOD___1 23533	35.22 1.86 0.00	30.01 1.45 0.00	28.26 1.28 0.00	27.33 1.18 0.00	29.78 1.23 0.00	28.95 1.29 0.00	45.38 2.20 0.00	37.52 2.17 0.00	41.80 2.41 0.00	42.46 2.34 0.00	39.24 2.33 0.00	37.92 2.35 0.00	42.17 2.51 0.00	43.42 2.81 0.00	43.76 2.94 0.00	43.50 2.87 0.00	52.95 3.39 0.00	51.19 3.33 0.00	48.65 2.87 0.00	45.64 2.54 0.00	40.82 2.29 0.00	36.58 2.07 -0.09	38.30 2.08 -0.06	44.05 2.27 0.00
RAVENSWOOD___2 23534	35.21 1.85 0.00	30.00 1.44 0.00	28.25 1.27 0.00	27.31 1.17 0.00	29.77 1.22 0.00	28.93 1.27 0.00	45.36 2.17 0.00	37.51 2.15 0.00	41.78 2.39 0.00	42.44 2.32 0.00	39.21 2.31 0.00	37.91 2.33 0.00	42.14 2.48 0.00	43.39 2.79 0.00	43.74 2.92 0.00	43.49 2.86 0.00	52.95 3.39 0.00	51.18 3.32 0.00	48.65 2.86 0.00	45.64 2.53 0.00	40.81 2.28 0.00	36.58 2.06 -0.09	38.30 2.07 -0.06	44.03 2.25 0.00
RAVENSWOOD___3 23535	35.14 1.78 0.00	29.95 1.39 0.00	28.20 1.23 0.00	27.27 1.13 0.00	29.73 1.18 0.00	28.87 1.22 0.00	45.27 2.09 0.00	37.41 2.05 0.00	41.68 2.28 0.00	42.34 2.22 0.00	39.10 2.20 0.00	37.79 2.22 0.00	42.04 2.38 0.00	43.28 2.67 0.00	43.62 2.80 0.00	43.42 2.79 0.00	52.91 3.35 0.00	51.16 3.30 0.00	48.65 2.87 0.00	45.63 2.53 0.00	40.76 2.23 0.00	36.51 1.99 -0.09	38.23 2.00 -0.06	43.95 2.17 0.00
RAVENSWOOD___4 23820	35.21 1.85 0.00	30.00 1.44 0.00	28.25 1.27 0.00	27.31 1.17 0.00	29.77 1.22 0.00	28.93 1.27 0.00	45.36 2.17 0.00	37.51 2.15 0.00	41.78 2.39 0.00	42.44 2.32 0.00	39.21 2.31 0.00	37.91 2.33 0.00	42.14 2.48 0.00	43.39 2.79 0.00	43.74 2.92 0.00	43.49 2.86 0.00	52.95 3.39 0.00	51.18 3.32 0.00	48.65 2.86 0.00	45.64 2.53 0.00	40.81 2.28 0.00	36.58 2.06 -0.09	38.30 2.07 -0.06	44.03 2.25 0.00
RCPI_TRUST___DRP 24196	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.12 0.00	29.72 1.17 0.00	28.87 1.21 0.00	45.27 2.09 0.00	37.42 2.06 0.00	41.71 2.32 0.00	42.39 2.28 0.00	39.15 2.25 0.00	37.83 2.26 0.00	42.09 2.43 0.00	43.32 2.72 0.00	43.67 2.84 0.00	43.47 2.84 0.00	52.99 3.43 0.00	51.22 3.37 0.00	48.69 2.91 0.00	45.66 2.55 0.00	40.78 2.25 0.00	36.51 2.00 -0.09	38.23 2.00 -0.06	43.95 2.17 0.00
RED___ROCHESTER 323720	33.20 -0.16 0.00	28.27 -0.28 0.00	26.66 -0.31 0.00	25.86 -0.28 0.00	28.24 -0.30 0.00	27.56 -0.09 0.00	42.83 -0.35 0.00	34.86 -0.49 0.00	38.38 -1.01 0.00	39.27 -0.85 0.00	36.22 -0.69 0.00	34.95 -0.63 0.00	39.11 -0.55 0.00	40.62 0.02 0.00	41.08 0.26 0.00	41.05 0.41 0.00	50.41 0.85 0.00	48.80 0.95 0.00	46.11 0.33 0.00	43.40 0.30 0.00	38.82 0.28 0.00	34.43 0.00 0.00	36.48 0.32 0.00	42.25 0.46 0.00
REGAN___SOLAR 323812	35.43 2.07 0.00	30.24 1.68 0.00	28.55 1.57 0.00	27.68 1.53 0.00	30.22 1.67 0.00	29.34 1.68 0.00	46.05 2.87 0.00	37.74 2.39 0.00	41.59 2.20 0.00	41.39 1.27 0.00	37.00 0.09 0.00	35.61 0.03 0.00	39.57 -0.09 0.00	41.02 0.42 0.00	41.08 0.26 0.00	40.88 0.25 0.00	50.38 0.82 0.00	50.07 2.21 0.00	49.06 3.27 0.00	46.45 3.35 0.00	41.42 2.89 0.00	36.78 2.41 0.06	38.56 2.44 0.04	44.45 2.67 0.00
RENSSELAER___COGEN 23796	33.83 0.47 0.00	28.97 0.41 0.00	27.36 0.39 0.00	26.49 0.35 0.00	28.95 0.40 0.00	27.99 0.34 0.00	43.71 0.53 0.00	35.92 0.57 0.00	40.00 0.61 0.00	40.77 0.65 0.00	37.46 0.55 0.00	36.05 0.48 0.00	40.07 0.41 0.00	41.14 0.54 0.00	41.45 0.63 0.00	41.30 0.67 0.00	50.30 0.74 0.00	48.76 0.90 0.00	46.69 0.91 0.00	43.86 0.76 0.00	39.19 0.65 0.00	34.82 0.48 0.08	36.53 0.42 0.06	42.14 0.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.90 3.53 0.00	31.41 2.85 0.00	29.81 2.83 0.00	28.93 2.79 0.00	31.69 3.15 0.00	30.70 3.04 0.00	47.84 4.65 0.00	39.61 4.26 0.00	44.59 5.20 0.00	45.54 5.42 0.00	41.54 4.64 0.00	39.48 3.90 0.00	43.45 3.80 0.00	44.65 4.05 0.00	45.18 4.36 0.00	45.16 4.53 0.00	55.75 6.19 0.00	53.97 6.12 0.00	52.03 6.24 0.00	49.25 6.14 0.00	44.13 5.59 0.00	38.96 4.63 0.09	40.98 4.88 0.06	46.97 5.19 0.00
REVERE_CPPR_DRP 24186	34.68 1.32 0.00	29.59 1.03 0.00	27.92 0.94 0.00	27.08 0.93 0.00	29.55 1.00 0.00	28.69 1.04 0.00	45.07 1.89 0.00	36.80 1.45 0.00	40.69 1.29 0.00	41.22 1.10 0.00	37.80 0.89 0.00	36.43 0.85 0.00	40.63 0.97 0.00	41.78 1.17 0.00	42.15 1.33 0.00	42.02 1.38 0.00	51.53 1.97 0.00	50.26 2.38 -0.02	48.26 2.48 0.00	45.41 2.30 0.00	40.38 1.85 0.00	35.83 1.41 0.00	37.56 1.40 0.00	43.24 1.46 0.00
REYNOLDS_115KV_TB3 80639	34.16 0.79 0.00	29.26 0.70 0.00	27.64 0.66 0.00	26.76 0.62 0.00	29.24 0.69 0.00	28.27 0.61 0.00	44.10 0.92 0.00	36.24 0.89 0.00	40.36 0.97 0.00	41.15 1.03 0.00	37.82 0.91 0.00	36.41 0.83 0.00	40.44 0.78 0.00	41.49 0.89 0.00	41.82 1.00 0.00	41.66 1.03 0.00	50.69 1.13 0.00	49.12 1.26 0.00	47.01 1.23 0.00	44.16 1.06 0.00	39.47 0.94 0.00	35.06 0.73 0.09	36.81 0.71 0.07	42.46 0.68 0.00
RIVERBAY____ 323610	35.75 2.39 0.00	30.47 1.91 0.00	28.69 1.71 0.00	27.72 1.58 0.00	30.25 1.70 0.00	29.41 1.76 0.00	46.14 2.96 0.00	38.07 2.72 0.00	42.42 3.02 0.00	42.98 2.86 0.00	39.70 2.79 0.00	38.34 2.76 0.00	42.72 3.06 0.00	43.97 3.37 0.00	44.30 3.48 0.00	44.05 3.41 0.00	53.64 4.08 0.00	51.88 4.02 0.00	49.32 3.54 0.00	46.26 3.15 -0.01	41.34 2.81 0.00	37.00 2.49 -0.09	38.83 2.61 -0.06	44.64 2.86 0.00
RIVERSDE_115KV_TB3 55908	33.97 0.60 0.00	29.08 0.52 0.00	27.46 0.49 0.00	26.59 0.45 0.00	29.05 0.50 0.00	28.10 0.44 0.00	43.88 0.70 0.00	36.06 0.71 0.00	40.17 0.77 0.00	40.95 0.83 0.00	37.62 0.72 0.00	36.22 0.65 0.00	40.26 0.60 0.00	41.35 0.74 0.00	41.67 0.85 0.00	41.53 0.90 0.00	50.60 1.04 0.00	49.03 1.18 0.00	46.93 1.14 0.00	44.08 0.98 0.00	39.38 0.84 0.00	34.99 0.65 0.09	36.71 0.60 0.06	42.34 0.56 0.00
ROARING___BROOK_WT_PWR 323790	33.25 -0.11 0.00	28.51 -0.05 0.00	26.92 -0.05 0.00	26.08 -0.06 0.00	28.50 -0.05 0.00	27.60 -0.05 0.00	43.07 -0.11 0.00	35.20 -0.15 0.00	39.34 -0.06 0.00	40.11 -0.01 0.00	36.84 -0.07 0.00	35.53 -0.04 0.00	39.59 -0.07 0.00	40.44 -0.16 0.00	40.57 -0.25 0.00	40.28 -0.35 0.00	49.19 -0.37 0.00	47.44 -0.41 0.00	45.43 -0.35 0.00	42.75 -0.35 0.00	38.05 -0.48 0.00	33.91 -0.51 0.00	35.51 -0.66 0.00	40.99 -0.79 0.00

ROCHESRG_115KV_T4 355643	32.87 -0.49 0.00	28.00 -0.56 0.00	26.41 -0.56 0.00	25.62 -0.52 0.00	27.98 -0.57 0.00	27.30 -0.36 0.00	42.39 -0.79 0.00	34.50 -0.85 0.00	37.99 -1.40 0.00	38.87 -1.25 0.00	35.83 -1.07 0.00	34.55 -1.02 0.00	38.64 -1.02 0.00	40.12 -0.48 0.00	40.55 -0.27 0.00	40.49 -0.15 0.00	49.67 0.11 0.00	48.05 0.19 0.00	45.42 -0.36 0.00	42.77 -0.34 0.00	38.29 -0.24 0.00	33.99 -0.44 0.00	36.04 -0.12 0.00	41.78 0.00 0.00
ROCHESTER_9_IC 23652	33.05 -0.31 0.00	28.15 -0.40 0.00	26.55 -0.42 0.00	25.75 -0.39 0.00	28.12 -0.42 0.00	27.44 -0.21 0.00	42.63 -0.56 0.00	34.70 -0.65 0.00	38.22 -1.18 0.00	39.09 -1.03 0.00	36.04 -0.86 0.00	34.77 -0.81 0.00	38.89 -0.76 0.00	40.39 -0.22 0.00	40.84 0.02 0.00	40.78 0.15 0.00	50.06 0.50 0.00	48.45 0.59 0.00	45.79 0.00 0.00	43.10 -0.01 0.00	38.57 0.04 0.00	34.22 -0.20 0.00	36.28 0.11 0.00	42.04 0.25 0.00
ROCKVIEW_13_KV_LD 356306	35.07 1.71 0.00	29.90 1.34 0.00	28.15 1.18 0.00	27.22 1.08 0.00	29.68 1.14 0.00	28.83 1.17 0.00	45.20 2.02 0.00	37.33 1.98 0.00	41.63 2.24 0.00	42.27 2.15 0.00	38.99 2.09 0.00	37.68 2.11 0.00	41.96 2.30 0.00	43.18 2.58 0.00	43.53 2.70 0.00	43.34 2.71 0.00	52.81 3.24 0.00	51.08 3.23 0.00	48.61 2.82 0.00	45.59 2.48 0.00	40.71 2.17 0.00	36.43 1.92 -0.09	38.13 1.90 -0.06	43.82 2.03 0.00
ROME____115KV_TB2 80656	34.68 1.32 0.00	29.59 1.03 0.00	27.92 0.94 0.00	27.08 0.93 0.00	29.55 1.00 0.00	28.69 1.04 0.00	45.07 1.89 0.00	36.80 1.45 0.00	40.69 1.29 0.00	41.22 1.10 0.00	37.80 0.89 0.00	36.43 0.85 0.00	40.63 0.97 0.00	41.78 1.17 0.00	42.15 1.33 0.00	42.02 1.38 0.00	51.53 1.97 0.00	50.26 2.38 -0.02	48.26 2.48 0.00	45.41 2.30 0.00	40.38 1.85 0.00	35.83 1.41 0.00	37.56 1.40 0.00	43.24 1.46 0.00
ROSETON___1 23587	34.50 1.14 0.00	29.44 0.88 0.00	27.76 0.79 0.00	26.87 0.72 0.00	29.30 0.76 0.00	28.41 0.75 0.00	44.49 1.31 0.00	36.68 1.33 0.00	40.85 1.46 0.00	41.53 1.41 0.00	38.28 1.37 0.00	36.95 1.38 0.00	41.14 1.48 0.00	42.32 1.72 0.00	42.66 1.83 0.00	42.47 1.84 0.00	51.76 2.20 0.00	50.10 2.24 0.00	47.76 1.98 0.00	44.82 1.72 0.00	40.00 1.47 0.00	35.75 1.25 -0.08	37.44 1.21 -0.06	43.06 1.27 0.00
ROSETON___2 23588	34.50 1.14 0.00	29.44 0.88 0.00	27.76 0.79 0.00	26.87 0.72 0.00	29.30 0.76 0.00	28.41 0.75 0.00	44.49 1.31 0.00	36.68 1.33 0.00	40.85 1.46 0.00	41.53 1.41 0.00	38.28 1.37 0.00	36.95 1.38 0.00	41.14 1.48 0.00	42.32 1.72 0.00	42.66 1.83 0.00	42.47 1.84 0.00	51.76 2.20 0.00	50.10 2.24 0.00	47.76 1.98 0.00	44.82 1.72 0.00	40.00 1.47 0.00	35.75 1.25 -0.08	37.44 1.21 -0.06	43.06 1.27 0.00
ROTTRDAM_115KV_TB3 80664	34.33 0.96 0.00	29.35 0.80 0.00	27.73 0.75 0.00	26.87 0.73 0.00	29.35 0.80 0.00	28.40 0.74 0.00	44.38 1.20 0.00	36.45 1.09 0.00	40.56 1.17 0.00	41.24 1.11 0.00	37.85 0.95 0.00	36.39 0.82 0.00	40.47 0.81 0.00	41.56 0.96 0.00	41.89 1.07 0.00	41.74 1.10 0.00	50.91 1.35 0.00	49.41 1.56 0.00	47.37 1.59 0.00	44.55 1.44 0.00	39.81 1.28 0.00	35.40 1.05 0.07	37.17 1.05 0.05	42.89 1.10 0.00
RUSSELL___1 23602	33.20 -0.16 0.00	28.27 -0.28 0.00	26.66 -0.31 0.00	25.86 -0.28 0.00	28.24 -0.30 0.00	27.56 -0.09 0.00	42.82 -0.36 0.00	34.86 -0.49 0.00	38.38 -1.01 0.00	39.27 -0.85 0.00	36.22 -0.69 0.00	34.95 -0.63 0.00	39.11 -0.55 0.00	40.62 0.02 0.00	41.08 0.26 0.00	41.05 0.41 0.00	50.41 0.85 0.00	48.80 0.94 0.00	46.11 0.33 0.00	43.40 0.30 0.00	38.82 0.29 0.00	34.43 0.00 0.00	36.48 0.31 0.00	42.25 0.47 0.00
RUSSELL___2 23532	33.20 -0.16 0.00	28.27 -0.28 0.00	26.66 -0.31 0.00	25.86 -0.28 0.00	28.24 -0.30 0.00	27.56 -0.09 0.00	42.82 -0.36 0.00	34.86 -0.49 0.00	38.38 -1.01 0.00	39.27 -0.85 0.00	36.22 -0.69 0.00	34.95 -0.63 0.00	39.11 -0.55 0.00	40.62 0.02 0.00	41.08 0.26 0.00	41.05 0.41 0.00	50.41 0.85 0.00	48.80 0.94 0.00	46.11 0.33 0.00	43.40 0.30 0.00	38.82 0.29 0.00	34.43 0.00 0.00	36.48 0.31 0.00	42.25 0.47 0.00
RUSSELL___3 23549	33.20 -0.16 0.00	28.27 -0.28 0.00	26.66 -0.31 0.00	25.86 -0.28 0.00	28.24 -0.30 0.00	27.56 -0.09 0.00	42.82 -0.36 0.00	34.86 -0.49 0.00	38.38 -1.01 0.00	39.27 -0.85 0.00	36.22 -0.69 0.00	34.95 -0.63 0.00	39.11 -0.55 0.00	40.62 0.02 0.00	41.08 0.26 0.00	41.05 0.41 0.00	50.41 0.85 0.00	48.80 0.94 0.00	46.11 0.33 0.00	43.40 0.30 0.00	38.82 0.29 0.00	34.43 0.00 0.00	36.48 0.31 0.00	42.25 0.47 0.00
RUSSELL___4 23556	33.20 -0.16 0.00	28.27 -0.28 0.00	26.66 -0.31 0.00	25.86 -0.28 0.00	28.24 -0.30 0.00	27.56 -0.09 0.00	42.82 -0.36 0.00	34.86 -0.49 0.00	38.38 -1.01 0.00	39.27 -0.85 0.00	36.22 -0.69 0.00	34.95 -0.63 0.00	39.11 -0.55 0.00	40.62 0.02 0.00	41.08 0.26 0.00	41.05 0.41 0.00	50.41 0.85 0.00	48.80 0.94 0.00	46.11 0.33 0.00	43.40 0.30 0.00	38.82 0.29 0.00	34.43 0.00 0.00	36.48 0.31 0.00	42.25 0.47 0.00
RUSSELL___STATION 23914	33.20 -0.16 0.00	28.27 -0.28 0.00	26.66 -0.31 0.00	25.86 -0.28 0.00	28.24 -0.30 0.00	27.56 -0.09 0.00	42.82 -0.36 0.00	34.86 -0.49 0.00	38.38 -1.01 0.00	39.27 -0.85 0.00	36.22 -0.69 0.00	34.95 -0.63 0.00	39.11 -0.55 0.00	40.62 0.02 0.00	41.08 0.26 0.00	41.05 0.41 0.00	50.41 0.85 0.00	48.80 0.94 0.00	46.11 0.33 0.00	43.40 0.30 0.00	38.82 0.29 0.00	34.43 0.00 0.00	36.48 0.31 0.00	42.25 0.47 0.00
S SALMON___HYD 24043	33.45 0.08 0.00	28.53 -0.03 0.00	26.94 -0.04 0.00	26.11 -0.04 0.00	28.53 -0.02 0.00	27.71 0.05 0.00	43.35 0.17 0.00	35.34 -0.01 0.00	39.08 -0.32 0.00	39.63 -0.49 0.00	36.39 -0.52 0.00	34.98 -0.60 0.00	39.08 -0.58 0.00	40.21 -0.40 0.00	40.52 -0.30 0.00	40.41 -0.22 0.00	49.53 -0.03 0.00	48.21 0.25 -0.10	46.28 0.50 0.00	43.58 0.47 0.00	38.74 0.21 0.00	34.44 0.01 0.00	36.29 0.12 0.00	41.87 0.08 0.00
S.PERRY__115KV_TB1 80734	34.10 0.74 0.00	28.98 0.42 0.00	27.32 0.35 0.00	26.49 0.35 0.00	29.00 0.45 0.00	28.40 0.74 0.00	44.31 1.13 0.00	36.17 0.82 0.00	39.61 0.21 0.00	40.09 -0.03 0.00	36.77 -0.14 0.00	35.47 -0.11 0.00	39.64 -0.02 0.00	41.27 0.66 0.00	41.73 0.91 0.00	41.66 1.03 0.00	51.25 1.69 0.00	49.95 2.09 0.00	47.44 1.66 0.00	44.89 1.78 0.00	40.17 1.63 0.00	35.52 1.10 0.00	37.56 1.39 0.00	43.35 1.57 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.00 -0.37 0.00	28.08 -0.48 0.00	26.48 -0.50 0.00	25.70 -0.45 0.00	28.07 -0.48 0.00	27.45 -0.20 0.00	42.45 -0.73 0.00	34.42 -0.93 0.00	37.72 -1.68 0.00	38.76 -1.36 0.00	35.75 -1.16 0.00	34.45 -1.12 0.00	38.46 -1.20 0.00	40.22 -0.38 0.00	40.73 -0.09 0.00	40.58 -0.05 0.00	49.81 0.24 0.00	48.01 0.15 0.00	44.92 -0.86 0.00	42.20 -0.91 0.00	37.91 -0.62 0.00	33.65 -0.78 0.00	36.03 -0.14 0.00	41.89 0.10 0.00

SAWYER___23_KV_LOAD 55526	33.00 -0.37 0.00	28.08 -0.48 0.00	26.48 -0.50 0.00	25.70 -0.45 0.00	28.07 -0.48 0.00	27.45 -0.20 0.00	42.45 -0.73 0.00	34.42 -0.93 0.00	37.72 -1.68 0.00	38.76 -1.36 0.00	35.75 -1.16 0.00	34.45 -1.12 0.00	38.46 -1.20 0.00	40.22 -0.38 0.00	40.73 -0.09 0.00	40.58 -0.05 0.00	49.81 0.24 0.00	48.01 0.15 0.00	44.92 -0.86 0.00	42.20 -0.91 0.00	37.91 -0.62 0.00	33.65 -0.78 0.00	36.03 -0.14 0.00	41.89 0.10 0.00
SELKIRK___I 23801	34.16 0.80 0.00	29.23 0.67 0.00	27.63 0.65 0.00	26.77 0.63 0.00	29.26 0.71 0.00	28.29 0.64 0.00	44.15 0.97 0.00	36.22 0.87 0.00	40.29 0.90 0.00	41.06 0.94 0.00	37.68 0.77 0.00	36.16 0.58 0.00	40.11 0.45 0.00	41.23 0.62 0.00	41.52 0.70 0.00	41.39 0.76 0.00	50.38 0.82 0.00	48.98 1.12 0.00	46.98 1.19 0.00	44.19 1.08 0.00	39.51 0.98 0.00	35.15 0.78 0.05	36.89 0.77 0.04	42.56 0.77 0.00
SELKIRK___II 23799	33.95 0.59 0.00	29.06 0.50 0.00	27.45 0.47 0.00	26.58 0.44 0.00	29.04 0.49 0.00	28.09 0.43 0.00	43.88 0.70 0.00	36.03 0.68 0.00	40.12 0.73 0.00	40.89 0.76 0.00	37.57 0.66 0.00	36.14 0.56 0.00	40.16 0.50 0.00	41.23 0.62 0.00	41.54 0.72 0.00	41.39 0.76 0.00	50.40 0.85 0.00	48.88 1.03 0.00	46.83 1.04 0.00	44.01 0.90 0.00	39.31 0.78 0.00	34.96 0.60 0.07	36.68 0.56 0.05	42.30 0.52 0.00
SENECA OSWGO___HYD 24041	32.78 -0.58 0.00	28.01 -0.55 0.00	26.44 -0.53 0.00	25.63 -0.51 0.00	28.01 -0.53 0.00	27.18 -0.47 0.00	42.42 -0.76 0.00	34.64 -0.71 0.00	38.42 -0.97 0.00	39.07 -1.05 0.00	35.95 -0.95 0.00	34.64 -0.94 0.00	38.68 -0.98 0.00	39.82 -0.78 0.00	40.14 -0.69 0.00	40.04 -0.59 0.00	48.91 -0.65 0.00	47.54 -0.46 -0.15	45.39 -0.39 0.00	42.61 -0.49 0.00	38.04 -0.49 0.00	33.86 -0.56 0.00	35.58 -0.58 0.00	41.22 -0.56 0.00
SENECA___115KV_TB3 355854	33.55 0.19 0.00	28.53 -0.03 0.00	26.89 -0.08 0.00	26.10 -0.05 0.00	28.51 -0.04 0.00	27.89 0.23 0.00	43.22 0.04 0.00	35.10 -0.25 0.00	38.50 -0.90 0.00	39.55 -0.57 0.00	36.49 -0.42 0.00	35.19 -0.39 0.00	39.25 -0.41 0.00	41.07 0.46 0.00	41.62 0.80 0.00	41.44 0.81 0.00	50.89 1.33 0.00	49.08 1.22 0.00	45.88 0.09 0.00	42.99 -0.12 0.00	38.59 0.06 0.00	34.20 -0.22 0.00	36.55 0.38 0.00	42.40 0.62 0.00
SENECA___ENERGY 23797	33.09 -0.28 0.00	28.20 -0.36 0.00	26.62 -0.35 0.00	25.82 -0.32 0.00	28.22 -0.33 0.00	27.48 -0.17 0.00	42.96 -0.22 0.00	35.17 -0.18 0.00	38.81 -0.58 0.00	39.51 -0.61 0.00	36.41 -0.50 0.00	35.09 -0.49 0.00	39.10 -0.56 0.00	40.47 -0.13 0.00	40.91 0.09 0.00	40.76 0.13 0.00	50.04 0.48 0.00	48.69 0.77 -0.06	46.29 0.50 0.00	43.40 0.29 0.00	38.73 0.20 0.00	34.42 0.00 0.00	36.21 0.05 0.00	41.84 0.06 0.00
SHOEMAKER___GT 23640	34.34 0.97 0.00	29.31 0.75 0.00	27.64 0.66 0.00	26.76 0.62 0.00	29.19 0.64 0.00	28.29 0.64 0.00	44.32 1.14 0.00	36.48 1.13 0.00	40.60 1.21 0.00	41.22 1.10 0.00	37.96 1.05 0.00	36.63 1.06 0.00	40.82 1.16 0.00	42.03 1.43 0.00	42.37 1.54 0.00	42.17 1.53 0.00	51.46 1.90 0.00	49.87 2.02 0.00	47.64 1.86 0.00	44.71 1.60 0.00	39.90 1.36 0.00	35.63 1.13 -0.07	37.29 1.08 -0.05	42.90 1.11 0.00
SHOEMAKR_138KV_BK 111 55601	34.33 0.96 0.00	29.30 0.74 0.00	27.63 0.66 0.00	26.75 0.60 0.00	29.17 0.62 0.00	28.28 0.63 0.00	44.29 1.11 0.00	36.47 1.11 0.00	40.60 1.20 0.00	41.23 1.11 0.00	37.98 1.07 0.00	36.65 1.07 0.00	40.86 1.20 0.00	42.05 1.45 0.00	42.38 1.56 0.00	42.20 1.56 0.00	51.50 1.94 0.00	49.88 2.03 0.00	47.62 1.84 0.00	44.70 1.60 0.00	39.87 1.34 0.00	35.61 1.12 -0.07	37.27 1.06 -0.05	42.89 1.11 0.00
SHOREHAM_IC_1 23715	33.44 0.08 0.00	29.08 0.52 0.00	27.34 0.37 0.00	26.29 0.29 0.15	28.72 0.20 0.03	28.04 0.39 0.00	44.29 0.59 -0.51	42.96 1.20 -6.40	40.72 1.33 0.00	41.17 1.05 0.00	37.39 0.48 0.00	36.39 0.82 0.00	40.63 0.97 0.00	42.00 1.40 0.00	42.04 1.22 0.00	42.00 1.37 0.00	50.76 1.20 0.00	49.46 1.60 0.00	47.01 1.23 0.00	44.69 1.59 0.00	39.84 1.31 0.00	35.73 1.22 -0.09	37.13 0.91 -0.06	42.55 0.77 0.00
SHOREHAM_IC_2 23716	33.44 0.08 0.00	29.08 0.52 0.00	27.34 0.37 0.00	26.29 0.29 0.15	28.72 0.20 0.03	28.04 0.39 0.00	44.29 0.59 -0.51	42.96 1.20 -6.40	40.72 1.33 0.00	41.17 1.05 0.00	37.39 0.48 0.00	36.39 0.82 0.00	40.63 0.97 0.00	42.00 1.40 0.00	42.04 1.22 0.00	42.00 1.37 0.00	50.76 1.20 0.00	49.46 1.60 0.00	47.01 1.23 0.00	44.69 1.59 0.00	39.84 1.31 0.00	35.73 1.22 -0.09	37.13 0.91 -0.06	42.55 0.77 0.00
SISSONVILLE____ 23735	33.51 0.15 0.00	28.74 0.18 0.00	27.12 0.14 0.00	26.28 0.14 0.00	28.71 0.16 0.00	27.85 0.20 0.00	43.53 0.35 0.00	35.59 0.23 0.00	39.65 0.26 0.00	40.23 0.11 0.00	36.73 -0.17 0.00	35.28 -0.29 0.00	39.32 -0.34 0.00	40.03 -0.57 0.00	40.13 -0.69 0.00	39.81 -0.82 0.00	48.74 -0.83 0.00	47.16 -0.71 -0.02	45.56 -0.22 0.00	43.15 0.05 0.00	38.60 0.07 0.00	34.73 0.31 0.00	36.69 0.53 0.00	42.35 0.57 0.00
SITHE_IND_GS1 24169	32.41 -0.95 0.00	27.70 -0.86 0.00	26.16 -0.81 0.00	25.36 -0.78 0.00	27.70 -0.84 0.00	26.88 -0.78 0.00	41.89 -1.29 0.00	34.17 -1.19 0.00	37.91 -1.48 0.00	38.61 -1.51 0.00	35.57 -1.34 0.00	34.27 -1.30 0.00	38.29 -1.37 0.00	39.36 -1.25 0.00	39.65 -1.17 0.00	39.52 -1.12 0.00	48.24 -1.32 0.00	46.23 -1.20 0.42	44.59 -1.19 0.00	41.92 -1.18 0.00	37.45 -1.08 0.00	33.36 -1.06 0.00	35.09 -1.08 0.00	40.69 -1.09 0.00
SITHE_IND_GS2 24170	32.41 -0.95 0.00	27.70 -0.86 0.00	26.16 -0.81 0.00	25.36 -0.78 0.00	27.70 -0.84 0.00	26.88 -0.78 0.00	41.89 -1.29 0.00	34.17 -1.19 0.00	37.91 -1.48 0.00	38.61 -1.51 0.00	35.57 -1.34 0.00	34.27 -1.30 0.00	38.29 -1.37 0.00	39.36 -1.25 0.00	39.65 -1.17 0.00	39.52 -1.12 0.00	48.24 -1.32 0.00	46.23 -1.20 0.42	44.59 -1.19 0.00	41.92 -1.18 0.00	37.45 -1.08 0.00	33.36 -1.06 0.00	35.09 -1.08 0.00	40.69 -1.09 0.00
SITHE_IND_GS3 24171	32.41 -0.95 0.00	27.70 -0.86 0.00	26.16 -0.81 0.00	25.36 -0.78 0.00	27.70 -0.84 0.00	26.88 -0.78 0.00	41.89 -1.29 0.00	34.17 -1.19 0.00	37.91 -1.48 0.00	38.61 -1.51 0.00	35.57 -1.34 0.00	34.27 -1.30 0.00	38.29 -1.37 0.00	39.36 -1.25 0.00	39.65 -1.17 0.00	39.52 -1.12 0.00	48.24 -1.32 0.00	46.23 -1.20 0.42	44.59 -1.19 0.00	41.92 -1.18 0.00	37.45 -1.08 0.00	33.36 -1.06 0.00	35.09 -1.08 0.00	40.69 -1.09 0.00
SITHE_IND_GS4 24172	32.41 -0.95 0.00	27.70 -0.86 0.00	26.16 -0.81 0.00	25.36 -0.78 0.00	27.70 -0.84 0.00	26.88 -0.78 0.00	41.89 -1.29 0.00	34.17 -1.19 0.00	37.91 -1.48 0.00	38.61 -1.51 0.00	35.57 -1.34 0.00	34.27 -1.30 0.00	38.29 -1.37 0.00	39.36 -1.25 0.00	39.65 -1.17 0.00	39.52 -1.12 0.00	48.24 -1.32 0.00	46.23 -1.20 0.42	44.59 -1.19 0.00	41.92 -1.18 0.00	37.45 -1.08 0.00	33.36 -1.06 0.00	35.09 -1.08 0.00	40.69 -1.09 0.00

SITHE___BATAVIA 24024	33.72 0.35 0.00	28.67 0.12 0.00	27.01 0.04 0.00	26.21 0.07 0.00	28.64 0.09 0.00	28.03 0.37 0.00	43.47 0.29 0.00	35.34 -0.01 0.00	38.65 -0.74 0.00	39.45 -0.67 0.00	36.23 -0.68 0.00	34.89 -0.69 0.00	38.96 -0.69 0.00	40.75 0.15 0.00	41.26 0.44 0.00	41.20 0.57 0.00	50.67 1.11 0.00	49.25 1.40 0.00	46.31 0.53 0.00	43.69 0.59 0.00	39.18 0.65 0.00	34.72 0.29 0.00	37.00 0.84 0.00	42.97 1.18 0.00
SITHE___INDEPEND 23800	32.41 -0.95 0.00	27.70 -0.86 0.00	26.16 -0.81 0.00	25.36 -0.79 0.00	27.70 -0.84 0.00	26.88 -0.78 0.00	41.89 -1.29 0.00	34.17 -1.19 0.00	37.91 -1.49 0.00	38.61 -1.51 0.00	35.57 -1.34 0.00	34.28 -1.30 0.00	38.29 -1.37 0.00	39.36 -1.25 0.00	39.65 -1.17 0.00	39.52 -1.12 0.00	48.24 -1.32 0.00	46.23 -1.20 0.42	44.59 -1.20 0.00	41.92 -1.18 0.00	37.45 -1.08 0.00	33.36 -1.06 0.00	35.08 -1.08 0.00	40.69 -1.09 0.00
SITHE___MASSENA 23902	33.57 0.20 0.00	28.82 0.26 0.00	27.20 0.22 0.00	26.37 0.23 0.00	28.79 0.24 0.00	27.91 0.26 0.00	43.56 0.37 0.00	35.60 0.25 0.00	39.78 0.39 0.00	40.48 0.36 0.00	37.12 0.21 0.00	35.77 0.20 0.00	39.86 0.20 0.00	40.61 0.00 0.00	40.66 -0.16 0.00	40.30 -0.33 0.00	49.29 -0.27 0.00	47.51 -0.35 0.00	45.60 -0.18 0.00	43.09 -0.02 0.00	38.59 0.05 0.00	34.60 0.17 0.00	36.43 0.26 0.00	42.11 0.33 0.00
SITHE___OGDNSBRG 24021	34.12 0.75 0.00	29.27 0.72 0.00	27.62 0.65 0.00	26.77 0.62 0.00	29.24 0.69 0.00	28.38 0.73 0.00	44.38 1.20 0.00	36.26 0.90 0.00	40.32 0.93 0.00	40.67 0.55 0.00	37.08 0.18 0.00	35.70 0.12 0.00	39.78 0.12 0.00	40.49 -0.11 0.00	40.62 -0.21 0.00	40.27 -0.36 0.00	49.22 -0.34 0.00	47.71 -0.15 -0.01	46.37 0.58 0.00	44.08 0.98 0.00	39.45 0.91 0.00	35.36 0.93 0.00	37.23 1.07 0.00	42.97 1.19 0.00
SITHE___STERLING 23777	34.30 0.93 0.00	29.26 0.70 0.00	27.62 0.64 0.00	26.78 0.63 0.00	29.22 0.68 0.00	28.37 0.72 0.00	44.50 1.32 0.00	36.39 1.04 0.00	40.26 0.87 0.00	40.82 0.70 0.00	37.48 0.57 0.00	36.14 0.56 0.00	40.35 0.68 0.00	41.50 0.90 0.00	41.86 1.04 0.00	41.70 1.06 0.00	51.04 1.48 0.00	49.67 1.78 -0.03	47.64 1.86 0.00	44.82 1.71 0.00	39.90 1.37 0.00	35.45 1.02 0.00	37.15 0.99 0.00	42.84 1.06 0.00
SLEIGHT__34_KV_TB1 80719	32.91 -0.46 0.00	28.03 -0.53 0.00	26.44 -0.53 0.00	25.64 -0.50 0.00	28.02 -0.52 0.00	27.30 -0.35 0.00	42.62 -0.56 0.00	34.77 -0.58 0.00	38.42 -0.98 0.00	39.20 -0.92 0.00	36.14 -0.77 0.00	34.82 -0.76 0.00	38.92 -0.73 0.00	40.31 -0.29 0.00	40.75 -0.07 0.00	40.64 0.00 0.00	49.91 0.35 0.00	48.38 0.51 -0.02	45.90 0.12 0.00	43.11 0.01 0.00	38.51 -0.02 0.00	34.18 -0.24 0.00	36.09 -0.08 0.00	41.75 -0.03 0.00
SOUTH CAIRO___GT 23612	35.07 1.71 0.00	29.97 1.41 0.00	28.30 1.33 0.00	27.43 1.28 0.00	30.00 1.45 0.00	29.04 1.39 0.00	45.43 2.25 0.00	37.35 1.99 0.00	41.51 2.12 0.00	42.26 2.15 0.00	38.67 1.77 0.00	36.89 1.32 0.00	40.88 1.22 0.00	41.92 1.32 0.00	42.34 1.52 0.00	42.19 1.55 0.00	51.62 2.06 0.00	50.60 2.74 0.00	48.97 3.18 0.00	46.15 3.05 0.00	41.13 2.60 0.00	36.46 2.07 0.04	38.13 1.99 0.03	43.82 2.04 0.00
SOUTH HAMPTN___IC 23720	33.59 0.23 0.00	29.20 0.64 0.00	27.45 0.48 0.00	26.40 0.40 0.15	28.85 0.33 0.03	28.18 0.52 0.00	44.51 0.82 -0.51	43.15 1.40 -6.40	40.96 1.57 0.00	41.45 1.33 0.00	37.70 0.79 0.00	36.65 1.07 0.00	40.92 1.26 0.00	42.37 1.76 0.00	42.37 1.55 0.00	42.29 1.66 0.00	51.08 1.52 0.00	49.76 1.91 0.00	47.26 1.48 0.00	44.95 1.84 0.00	40.04 1.51 0.00	35.86 1.35 -0.09	37.28 1.05 -0.06	42.68 0.90 0.00
SOUTHDOW_115KV_TB1 355954	34.47 1.11 0.00	29.25 0.69 0.00	27.58 0.61 0.00	26.71 0.57 0.00	29.24 0.69 0.00	28.65 1.00 0.00	44.87 1.69 0.00	36.63 1.28 0.00	40.21 0.81 0.00	41.31 1.19 0.00	38.26 1.35 0.00	36.91 1.33 0.00	41.18 1.52 0.00	43.12 2.52 0.00	43.71 2.89 0.00	43.44 2.81 0.00	53.47 3.91 0.00	51.61 3.74 0.00	48.27 2.48 0.00	45.10 1.99 0.00	40.36 1.83 0.00	35.62 1.20 0.00	37.80 1.64 0.00	43.51 1.73 0.00
SOUTHOLD_69_KV_BK 2 55809	33.37 0.01 0.00	29.01 0.45 0.00	27.27 0.30 0.00	26.22 0.22 0.15	28.67 0.15 0.03	28.03 0.37 0.00	44.32 0.63 -0.51	42.99 1.24 -6.40	40.79 1.40 0.00	41.32 1.20 0.00	37.63 0.73 0.00	36.51 0.93 0.00	40.77 1.12 0.00	42.23 1.63 0.00	42.17 1.35 0.00	42.11 1.48 0.00	50.86 1.30 0.00	49.53 1.67 0.00	47.06 1.27 0.00	44.75 1.64 0.00	39.82 1.29 0.00	35.62 1.11 -0.09	37.04 0.81 -0.06	42.34 0.55 0.00
SOUTHOLD___IC 23719	33.37 0.01 0.00	29.01 0.45 0.00	27.27 0.30 0.00	26.22 0.22 0.15	28.67 0.15 0.03	28.03 0.37 0.00	44.32 0.63 -0.51	42.99 1.24 -6.40	40.79 1.40 0.00	41.32 1.20 0.00	37.64 0.73 0.00	36.51 0.93 0.00	40.77 1.11 0.00	42.23 1.63 0.00	42.17 1.35 0.00	42.11 1.48 0.00	50.86 1.30 0.00	49.53 1.67 0.00	47.06 1.27 0.00	44.75 1.64 0.00	39.83 1.30 0.00	35.62 1.10 -0.09	37.04 0.81 -0.06	42.33 0.55 0.00
SOUTH_FORK_WT_PWR 323839	32.85 -0.52 0.00	28.57 0.02 0.00	26.87 -0.10 0.00	25.83 -0.17 0.15	28.25 -0.27 0.03	27.62 -0.04 0.00	43.67 -0.02 -0.51	42.47 0.71 -6.40	40.22 0.83 0.00	40.74 0.62 0.00	37.16 0.26 0.00	35.97 0.40 0.00	40.17 0.51 0.00	41.61 1.01 0.00	41.50 0.68 0.00	41.44 0.81 0.00	50.03 0.47 0.00	48.70 0.85 0.00	46.28 0.50 0.00	44.02 0.92 0.00	39.18 0.65 0.00	35.04 0.52 -0.09	36.44 0.21 -0.06	41.65 -0.14 0.00
SPIERFLS_115KV_TB 1 80737	35.23 1.87 0.00	30.09 1.53 0.00	28.44 1.47 0.00	27.55 1.41 0.00	30.12 1.57 0.00	29.17 1.51 0.00	45.59 2.41 0.00	37.55 2.19 0.00	41.90 2.51 0.00	42.68 2.56 0.00	39.08 2.18 0.00	37.45 1.88 0.00	41.55 1.89 0.00	42.75 2.15 0.00	43.16 2.34 0.00	43.08 2.45 0.00	52.69 3.13 0.00	51.23 3.37 0.00	49.15 3.37 0.00	46.25 3.15 0.00	41.33 2.80 0.00	36.63 2.29 0.08	38.44 2.33 0.06	44.22 2.44 0.00
ST LAWRENCE____ 23600	33.22 -0.15 0.00	28.51 -0.04 0.00	26.92 -0.05 0.00	26.09 -0.05 0.00	28.48 -0.07 0.00	27.61 -0.05 0.00	43.07 -0.11 0.00	35.22 -0.14 0.00	39.39 0.00 0.00	40.13 0.01 0.00	36.84 -0.07 0.00	35.50 -0.07 0.00	39.56 -0.10 0.00	40.31 -0.30 0.00	40.37 -0.45 0.00	40.01 -0.61 0.00	48.91 -0.66 0.00	47.09 -0.76 0.00	45.12 -0.67 0.00	42.60 -0.51 0.00	38.15 -0.38 0.00	34.18 -0.24 0.00	35.97 -0.20 0.00	41.60 -0.18 0.00
STATE_CA_115KV_115_LB 55624	34.03 0.67 0.00	29.11 0.56 0.00	27.49 0.52 0.00	26.62 0.48 0.00	29.09 0.54 0.00	28.14 0.48 0.00	43.96 0.78 0.00	36.14 0.78 0.00	40.25 0.85 0.00	41.03 0.91 0.00	37.70 0.79 0.00	36.29 0.71 0.00	40.35 0.69 0.00	41.47 0.86 0.00	41.80 0.98 0.00	41.63 1.00 0.00	50.75 1.19 0.00	49.21 1.35 0.00	47.06 1.28 0.00	44.20 1.10 0.00	39.47 0.93 0.00	35.06 0.72 0.08	36.77 0.67 0.06	42.39 0.61 0.00

STATE_ST_34_KV_LOAD 55959	33.29 -0.07 0.00	28.41 -0.15 0.00	26.81 -0.16 0.00	26.01 -0.14 0.00	28.43 -0.12 0.00	27.65 -0.01 0.00	43.35 0.16 0.00	35.41 0.06 0.00	39.21 -0.18 0.00	39.89 -0.23 0.00	36.75 -0.15 0.00	35.38 -0.20 0.00	39.46 -0.20 0.00	40.73 0.12 0.00	41.15 0.33 0.00	40.83 0.20 0.00	50.21 0.65 0.00	48.75 0.82 -0.07	46.36 0.58 0.00	43.61 0.51 0.00	38.93 0.39 0.00	34.65 0.22 0.00	36.40 0.23 0.00	42.08 0.30 0.00
STATION 5_MISC_HYD 23604	33.06 -0.31 0.00	28.16 -0.40 0.00	26.55 -0.42 0.00	25.75 -0.39 0.00	28.13 -0.42 0.00	27.44 -0.21 0.00	42.63 -0.55 0.00	34.70 -0.66 0.00	38.21 -1.18 0.00	39.09 -1.03 0.00	36.05 -0.86 0.00	34.77 -0.81 0.00	38.90 -0.76 0.00	40.39 -0.21 0.00	40.84 0.02 0.00	40.79 0.15 0.00	50.06 0.50 0.00	48.45 0.59 0.00	45.78 0.00 0.00	43.10 -0.01 0.00	38.57 0.04 0.00	34.22 -0.20 0.00	36.28 0.11 0.00	42.04 0.25 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.29 -0.08 0.00	28.35 -0.20 0.00	26.74 -0.23 0.00	25.94 -0.20 0.00	28.34 -0.20 0.00	27.64 -0.02 0.00	43.09 -0.09 0.00	35.19 -0.16 0.00	38.82 -0.58 0.00	39.60 -0.52 0.00	36.51 -0.40 0.00	35.20 -0.38 0.00	39.33 -0.33 0.00	40.80 0.19 0.00	41.25 0.43 0.00	41.18 0.54 0.00	50.57 1.01 0.00	49.05 1.17 -0.02	46.47 0.69 0.00	43.64 0.53 0.00	38.97 0.44 0.00	34.58 0.16 0.00	36.52 0.35 0.00	42.24 0.46 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.88 -0.49 0.00	28.00 -0.56 0.00	26.40 -0.57 0.00	25.61 -0.53 0.00	27.98 -0.57 0.00	27.28 -0.37 0.00	42.42 -0.76 0.00	34.55 -0.80 0.00	38.07 -1.32 0.00	38.94 -1.18 0.00	35.90 -1.00 0.00	34.63 -0.94 0.00	38.76 -0.90 0.00	40.23 -0.38 0.00	40.67 -0.15 0.00	40.62 -0.02 0.00	49.86 0.30 0.00	48.25 0.39 0.00	45.62 -0.17 0.00	42.92 -0.18 0.00	38.39 -0.14 0.00	34.07 -0.35 0.00	36.09 -0.07 0.00	41.81 0.02 0.00
STA_56___34_KV_BUS2 355983	32.88 -0.49 0.00	28.00 -0.56 0.00	26.40 -0.57 0.00	25.61 -0.53 0.00	27.98 -0.57 0.00	27.28 -0.37 0.00	42.42 -0.76 0.00	34.55 -0.80 0.00	38.07 -1.32 0.00	38.94 -1.18 0.00	35.90 -1.00 0.00	34.63 -0.94 0.00	38.76 -0.90 0.00	40.23 -0.38 0.00	40.67 -0.15 0.00	40.62 -0.02 0.00	49.86 0.30 0.00	48.25 0.39 0.00	45.62 -0.17 0.00	42.92 -0.18 0.00	38.39 -0.14 0.00	34.07 -0.35 0.00	36.09 -0.07 0.00	41.81 0.02 0.00
STA_67___115KV_BK2 355882	32.98 -0.38 0.00	28.10 -0.46 0.00	26.49 -0.48 0.00	25.70 -0.44 0.00	28.07 -0.48 0.00	27.39 -0.27 0.00	42.53 -0.65 0.00	34.63 -0.73 0.00	38.12 -1.28 0.00	39.00 -1.12 0.00	35.95 -0.95 0.00	34.68 -0.89 0.00	38.80 -0.86 0.00	40.29 -0.31 0.00	40.73 -0.10 0.00	40.66 0.02 0.00	49.91 0.34 0.00	48.29 0.44 0.00	45.65 -0.13 0.00	42.98 -0.13 0.00	38.46 -0.08 0.00	34.13 -0.30 0.00	36.19 0.02 0.00	41.95 0.16 0.00
STA_7___115KV_9TRANS 80674	33.20 -0.16 0.00	28.27 -0.28 0.00	26.66 -0.31 0.00	25.86 -0.28 0.00	28.24 -0.30 0.00	27.56 -0.09 0.00	42.82 -0.36 0.00	34.86 -0.49 0.00	38.38 -1.01 0.00	39.27 -0.85 0.00	36.22 -0.69 0.00	34.95 -0.63 0.00	39.11 -0.55 0.00	40.62 0.02 0.00	41.08 0.26 0.00	41.05 0.41 0.00	50.41 0.85 0.00	48.80 0.94 0.00	46.11 0.33 0.00	43.40 0.30 0.00	38.82 0.29 0.00	34.43 0.00 0.00	36.48 0.31 0.00	42.25 0.47 0.00
STA_82___115KV_TB1 80780	33.00 -0.37 0.00	28.10 -0.46 0.00	26.50 -0.47 0.00	25.71 -0.44 0.00	28.08 -0.47 0.00	27.40 -0.26 0.00	42.56 -0.62 0.00	34.64 -0.71 0.00	38.14 -1.25 0.00	39.01 -1.11 0.00	35.97 -0.94 0.00	34.69 -0.88 0.00	38.80 -0.86 0.00	40.30 -0.30 0.00	40.74 -0.08 0.00	40.69 0.06 0.00	49.92 0.36 0.00	48.33 0.47 0.00	45.67 -0.11 0.00	43.00 -0.10 0.00	38.49 -0.04 0.00	34.15 -0.28 0.00	36.21 0.04 0.00	41.96 0.17 0.00
STEEL___WIND 323596	33.52 0.15 0.00	28.49 -0.06 0.00	26.87 -0.10 0.00	26.06 -0.08 0.00	28.48 -0.07 0.00	27.87 0.21 0.00	43.22 0.03 0.00	35.06 -0.29 0.00	38.46 -0.93 0.00	39.51 -0.61 0.00	36.46 -0.45 0.00	35.14 -0.43 0.00	39.20 -0.46 0.00	40.99 0.39 0.00	41.58 0.75 0.00	41.37 0.74 0.00	50.82 1.26 0.00	49.05 1.18 0.00	45.83 0.05 0.00	42.94 -0.16 0.00	38.55 0.01 0.00	34.16 -0.27 0.00	36.52 0.36 0.00	42.36 0.57 0.00
STEPHTWN_115KV_BK_2 55603	34.16 0.80 0.00	29.17 0.61 0.00	27.58 0.60 0.00	26.59 0.45 0.00	29.15 0.60 0.00	28.20 0.55 0.00	44.19 1.01 0.00	36.29 0.94 0.00	40.38 0.98 0.00	41.23 1.11 0.00	37.84 0.93 0.00	36.32 0.74 0.00	40.48 0.82 0.00	41.59 0.99 0.00	41.86 1.04 0.00	41.74 1.11 0.00	50.85 1.29 0.00	49.52 1.67 0.00	47.28 1.50 0.00	44.37 1.27 0.00	39.72 1.19 0.00	35.20 0.86 0.08	36.92 0.82 0.06	42.58 0.79 0.00
STEUBEN_REC_LFGE 323667	34.14 0.77 0.00	29.01 0.45 0.00	27.27 0.30 0.00	26.53 0.38 0.00	29.44 0.89 0.00	28.91 1.26 0.00	45.42 2.24 0.00	37.28 1.92 0.00	40.85 1.46 0.00	41.50 1.38 0.00	38.07 1.16 0.00	36.54 0.96 0.00	40.65 0.99 0.00	42.49 1.88 0.00	43.09 2.27 0.00	42.86 2.23 0.00	52.93 3.37 0.00	51.46 3.58 -0.03	48.58 2.79 0.00	45.27 2.17 0.00	40.22 1.68 0.00	35.52 1.10 0.00	37.56 1.39 0.00	43.11 1.33 0.00
STILLWATER___SOLAR 323814	35.01 1.65 0.00	29.94 1.38 0.00	28.29 1.31 0.00	27.42 1.28 0.00	29.95 1.40 0.00	28.99 1.33 0.00	45.30 2.12 0.00	37.23 1.88 0.00	41.46 2.06 0.00	42.23 2.11 0.00	38.69 1.78 0.00	37.09 1.52 0.00	41.19 1.53 0.00	42.33 1.72 0.00	42.71 1.89 0.00	42.59 1.96 0.00	52.00 2.44 0.00	50.57 2.71 0.00	48.52 2.74 0.00	45.62 2.51 0.00	40.76 2.23 0.00	36.16 1.83 0.09	37.96 1.86 0.07	43.76 1.97 0.00
STONY___BROOK 24151	34.20 0.83 0.00	29.66 1.10 0.00	27.87 0.90 0.00	26.79 0.81 0.16	29.30 0.78 0.03	28.60 0.94 0.00	45.15 1.46 -0.51	43.65 1.90 -6.40	41.47 2.08 0.00	41.97 1.85 0.00	38.16 1.26 0.00	37.12 1.55 0.00	41.41 1.75 0.00	42.82 2.22 0.00	42.90 2.08 0.00	42.82 2.19 0.00	51.55 1.99 0.00	50.29 2.44 0.00	47.65 1.87 0.00	45.38 2.27 0.00	40.50 1.97 0.00	36.33 1.81 -0.09	37.78 1.55 -0.06	43.32 1.53 0.00
STURGEON_POOL_HYD 23609	34.46 1.09 0.00	29.38 0.82 0.00	27.69 0.72 0.00	26.81 0.66 0.00	29.22 0.67 0.00	28.33 0.68 0.00	44.43 1.25 0.00	36.66 1.31 0.00	40.84 1.44 0.00	41.49 1.37 0.00	38.30 1.39 0.00	37.04 1.47 0.00	41.30 1.64 0.00	42.48 1.88 0.00	42.83 2.01 0.00	42.66 2.03 0.00	52.00 2.44 0.00	50.25 2.39 0.00	47.86 2.07 0.00	44.87 1.77 0.00	40.03 1.50 0.00	35.75 1.29 -0.04	37.41 1.22 -0.03	43.06 1.27 0.00
ST_LAW_115_BK7_LBMP 345037	33.20 -0.16 0.00	28.51 -0.04 0.00	26.92 -0.05 0.00	26.09 -0.05 0.00	28.48 -0.07 0.00	27.61 -0.05 0.00	43.07 -0.11 0.00	35.20 -0.15 0.00	39.39 -0.01 0.00	40.12 0.00 0.00	36.83 -0.08 0.00	35.49 -0.09 0.00	39.54 -0.12 0.00	40.27 -0.33 0.00	40.33 -0.49 0.00	39.96 -0.67 0.00	48.85 -0.71 0.00	47.04 -0.82 0.00	45.07 -0.71 0.00	42.57 -0.54 0.00	38.14 -0.40 0.00	34.17 -0.25 0.00	35.97 -0.20 0.00	41.60 -0.18 0.00

ST_LAW_115_BK8_LBMP 345038	33.20 -0.16 0.00	28.51 -0.04 0.00	26.92 -0.05 0.00	26.09 -0.05 0.00	28.48 -0.07 0.00	27.61 -0.05 0.00	43.07 -0.11 0.00	35.20 -0.15 0.00	39.39 -0.01 0.00	40.12 0.00 0.00	36.83 -0.08 0.00	35.49 -0.09 0.00	39.54 -0.12 0.00	40.27 -0.33 0.00	40.33 -0.49 0.00	39.96 -0.67 0.00	48.85 -0.71 0.00	47.04 -0.82 0.00	45.07 -0.71 0.00	42.57 -0.54 0.00	38.14 -0.40 0.00	34.17 -0.25 0.00	35.97 -0.20 0.00	41.60 -0.18 0.00
ST_LAW_230_BK5_LBMP 345035	33.22 -0.15 0.00	28.51 -0.04 0.00	26.92 -0.05 0.00	26.09 -0.05 0.00	28.48 -0.07 0.00	27.61 -0.05 0.00	43.07 -0.11 0.00	35.22 -0.14 0.00	39.39 0.00 0.00	40.13 0.01 0.00	36.84 -0.07 0.00	35.50 -0.07 0.00	39.56 -0.10 0.00	40.31 -0.30 0.00	40.37 -0.45 0.00	40.01 -0.61 0.00	48.91 -0.66 0.00	47.09 -0.76 0.00	45.12 -0.67 0.00	42.60 -0.51 0.00	38.15 -0.38 0.00	34.18 -0.24 0.00	35.97 -0.20 0.00	41.60 -0.18 0.00
ST_LAW_230_BK6_LBMP 345036	33.22 -0.15 0.00	28.51 -0.04 0.00	26.92 -0.05 0.00	26.09 -0.05 0.00	28.48 -0.07 0.00	27.61 -0.05 0.00	43.07 -0.11 0.00	35.22 -0.14 0.00	39.39 0.00 0.00	40.13 0.01 0.00	36.84 -0.07 0.00	35.50 -0.07 0.00	39.56 -0.10 0.00	40.31 -0.30 0.00	40.37 -0.45 0.00	40.01 -0.61 0.00	48.91 -0.66 0.00	47.09 -0.76 0.00	45.12 -0.67 0.00	42.60 -0.51 0.00	38.15 -0.38 0.00	34.18 -0.24 0.00	35.97 -0.20 0.00	41.60 -0.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.44 1.07 0.00	29.39 0.83 0.00	27.69 0.72 0.00	26.80 0.66 0.00	29.23 0.68 0.00	28.35 0.69 0.00	44.43 1.25 0.00	36.60 1.25 0.00	40.75 1.35 0.00	41.42 1.30 0.00	38.18 1.27 0.00	36.88 1.31 0.00	41.14 1.48 0.00	42.35 1.75 0.00	42.70 1.87 0.00	42.52 1.89 0.00	51.91 2.34 0.00	50.26 2.40 0.00	47.92 2.14 0.00	44.92 1.82 0.00	40.03 1.50 0.00	35.76 1.26 -0.07	37.41 1.19 -0.05	43.04 1.26 0.00
SWANROAD_115KV_TB1 355699	32.41 -0.95 0.00	27.61 -0.95 0.00	26.01 -0.96 0.00	25.27 -0.87 0.00	27.60 -0.95 0.00	27.00 -0.66 0.00	41.59 -1.59 0.00	33.69 -1.66 0.00	36.75 -2.64 0.00	37.72 -2.40 0.00	34.75 -2.16 0.00	33.48 -2.09 0.00	37.33 -2.32 0.00	39.03 -1.58 0.00	39.50 -1.32 0.00	39.41 -1.22 0.00	48.35 -1.21 0.00	46.57 -1.28 0.01	43.59 -2.19 0.00	41.02 -2.09 0.00	36.91 -1.63 0.00	32.86 -1.57 0.00	35.26 -0.90 0.00	41.19 -0.59 0.00
SYNERGY___BIOGAS 323694	33.72 0.35 0.00	28.67 0.12 0.00	27.01 0.04 0.00	26.21 0.07 0.00	28.64 0.09 0.00	28.03 0.37 0.00	43.47 0.29 0.00	35.34 -0.01 0.00	38.65 -0.74 0.00	39.45 -0.67 0.00	36.23 -0.68 0.00	34.89 -0.69 0.00	38.96 -0.69 0.00	40.75 0.15 0.00	41.26 0.44 0.00	41.20 0.57 0.00	50.67 1.11 0.00	49.25 1.40 0.00	46.31 0.53 0.00	43.69 0.59 0.00	39.18 0.65 0.00	34.72 0.29 0.00	37.00 0.84 0.00	42.97 1.18 0.00
SYRACUSE___ENERGY_ST1 323597	33.21 -0.16 0.00	28.33 -0.22 0.00	26.75 -0.22 0.00	25.94 -0.21 0.00	28.36 -0.19 0.00	27.53 -0.12 0.00	43.01 -0.17 0.00	35.12 -0.23 0.00	38.96 -0.43 0.00	39.67 -0.45 0.00	36.54 -0.37 0.00	35.20 -0.37 0.00	39.34 -0.31 0.00	40.51 -0.09 0.00	40.88 0.06 0.00	40.73 0.10 0.00	49.81 0.25 0.00	48.34 0.40 -0.08	46.04 0.26 0.00	43.24 0.13 0.00	38.59 0.06 0.00	34.33 -0.10 0.00	36.08 -0.08 0.00	41.76 -0.02 0.00
SYRACUSE___ENERGY_ST2 323598	33.21 -0.16 0.00	28.33 -0.22 0.00	26.75 -0.22 0.00	25.94 -0.21 0.00	28.36 -0.19 0.00	27.53 -0.12 0.00	43.01 -0.17 0.00	35.12 -0.23 0.00	38.96 -0.43 0.00	39.67 -0.45 0.00	36.54 -0.37 0.00	35.20 -0.37 0.00	39.34 -0.31 0.00	40.51 -0.09 0.00	40.88 0.06 0.00	40.73 0.10 0.00	49.81 0.25 0.00	48.34 0.40 -0.08	46.04 0.26 0.00	43.24 0.13 0.00	38.59 0.06 0.00	34.33 -0.10 0.00	36.08 -0.08 0.00	41.76 -0.02 0.00
SYRACUSE___POWER 24017	33.26 -0.11 0.00	28.37 -0.18 0.00	26.79 -0.18 0.00	25.97 -0.17 0.00	28.38 -0.17 0.00	27.56 -0.10 0.00	43.04 -0.14 0.00	35.16 -0.19 0.00	38.99 -0.40 0.00	39.68 -0.44 0.00	36.54 -0.37 0.00	35.23 -0.34 0.00	39.39 -0.27 0.00	40.57 -0.03 0.00	40.93 0.11 0.00	40.79 0.16 0.00	49.86 0.30 0.00	48.38 0.47 -0.05	46.10 0.32 0.00	43.30 0.19 0.00	38.64 0.11 0.00	34.36 -0.06 0.00	36.12 -0.05 0.00	41.79 0.01 0.00
TALLMAN___138KV_BK151 55660	34.56 1.20 0.00	29.49 0.93 0.00	27.77 0.79 0.00	26.86 0.71 0.00	29.29 0.74 0.00	28.43 0.77 0.00	44.57 1.39 0.00	36.74 1.39 0.00	40.92 1.53 0.00	41.59 1.47 0.00	38.37 1.46 0.00	37.07 1.50 0.00	41.38 1.73 0.00	42.61 2.01 0.00	42.99 2.16 0.00	42.81 2.18 0.00	52.29 2.73 0.00	50.61 2.75 0.00	48.20 2.42 0.00	45.14 2.03 0.00	40.20 1.67 0.00	35.91 1.41 -0.08	37.56 1.34 -0.06	43.20 1.42 0.00
TEALLAVE_115KV_TB7 355573	33.11 -0.25 0.00	28.25 -0.31 0.00	26.67 -0.30 0.00	25.86 -0.29 0.00	28.25 -0.30 0.00	27.42 -0.23 0.00	42.81 -0.37 0.00	34.98 -0.38 0.00	38.79 -0.60 0.00	39.50 -0.62 0.00	36.39 -0.52 0.00	35.08 -0.49 0.00	39.22 -0.44 0.00	40.38 -0.22 0.00	40.74 -0.08 0.00	40.62 -0.01 0.00	49.61 0.05 0.00	48.10 0.20 -0.05	45.82 0.04 0.00	43.03 -0.07 0.00	38.41 -0.12 0.00	34.16 -0.26 0.00	35.91 -0.26 0.00	41.58 -0.20 0.00
TELGRAPH_34_KV_EAST 80808	33.15 -0.21 0.00	28.22 -0.34 0.00	26.58 -0.39 0.00	25.80 -0.34 0.00	28.19 -0.36 0.00	27.58 -0.07 0.00	42.63 -0.55 0.00	34.60 -0.75 0.00	37.86 -1.54 0.00	38.79 -1.33 0.00	35.71 -1.20 0.00	34.42 -1.16 0.00	38.41 -1.25 0.00	40.19 -0.41 0.00	40.68 -0.14 0.00	40.58 -0.05 0.00	49.87 0.30 0.00	48.16 0.30 0.00	45.15 -0.63 0.00	42.50 -0.60 0.00	38.17 -0.37 0.00	33.89 -0.54 0.00	36.25 0.08 0.00	42.18 0.39 0.00
TEMPLE___115KV_TB 2 55572	33.12 -0.24 0.00	28.26 -0.30 0.00	26.67 -0.29 0.00	25.87 -0.28 0.00	28.26 -0.29 0.00	27.44 -0.22 0.00	42.84 -0.34 0.00	34.98 -0.37 0.00	38.81 -0.59 0.00	39.52 -0.61 0.00	36.41 -0.50 0.00	35.12 -0.46 0.00	39.26 -0.40 0.00	40.42 -0.18 0.00	40.78 -0.04 0.00	40.65 0.02 0.00	49.66 0.10 0.00	48.15 0.25 -0.05	45.85 0.07 0.00	43.05 -0.05 0.00	38.44 -0.10 0.00	34.19 -0.24 0.00	35.94 -0.22 0.00	41.61 -0.17 0.00
TIANA____69_KV_BK 1 55817	33.66 0.30 0.00	29.26 0.70 0.00	27.50 0.53 0.00	26.45 0.45 0.15	28.90 0.38 0.03	28.22 0.57 0.00	44.59 0.90 -0.51	43.21 1.46 -6.40	41.01 1.62 0.00	41.50 1.38 0.00	37.71 0.80 0.00	36.69 1.11 0.00	40.97 1.31 0.00	42.41 1.80 0.00	42.43 1.61 0.00	42.36 1.72 0.00	51.17 1.61 0.00	49.85 2.00 0.00	47.36 1.58 0.00	45.03 1.93 0.00	40.13 1.59 0.00	35.94 1.43 -0.09	37.36 1.13 -0.06	42.78 1.00 0.00
TILDEN___115KV_TB1 80814	33.26 -0.11 0.00	28.37 -0.18 0.00	26.79 -0.18 0.00	25.97 -0.17 0.00	28.38 -0.17 0.00	27.56 -0.10 0.00	43.04 -0.14 0.00	35.16 -0.19 0.00	38.99 -0.40 0.00	39.68 -0.44 0.00	36.54 -0.37 0.00	35.23 -0.34 0.00	39.39 -0.27 0.00	40.57 -0.03 0.00	40.93 0.11 0.00	40.79 0.16 0.00	49.86 0.30 0.00	48.38 0.47 -0.05	46.10 0.32 0.00	43.30 0.19 0.00	38.64 0.11 0.00	34.36 -0.06 0.00	36.12 -0.05 0.00	41.79 0.01 0.00

TRIGEN___CC 323695	35.30 1.94 0.00	30.16 1.60 0.00	28.37 1.40 0.00	27.40 1.25 0.00	29.90 1.35 0.00	29.06 1.41 0.00	46.05 2.36 -0.51	44.14 2.38 -6.40	41.95 2.56 0.00	42.50 2.39 0.00	39.02 2.11 0.00	37.76 2.19 0.00	42.02 2.36 0.00	43.28 2.68 0.00	43.51 2.68 0.00	43.36 2.73 0.00	52.73 3.17 0.00	51.08 3.23 0.00	48.53 2.75 0.00	45.66 2.56 0.00	40.79 2.26 0.00	36.57 2.06 -0.09	38.20 1.97 -0.06	43.86 2.07 0.00
TRINITY___115KV___4 BK 55933	33.87 0.51 0.00	29.00 0.44 0.00	27.38 0.41 0.00	26.52 0.37 0.00	28.97 0.43 0.00	28.02 0.36 0.00	43.75 0.57 0.00	35.96 0.61 0.00	40.05 0.66 0.00	40.83 0.70 0.00	37.51 0.60 0.00	36.11 0.54 0.00	40.14 0.48 0.00	41.22 0.61 0.00	41.54 0.72 0.00	41.39 0.76 0.00	50.43 0.87 0.00	48.88 1.02 0.00	46.78 1.00 0.00	43.94 0.84 0.00	39.26 0.73 0.00	34.89 0.54 0.08	36.60 0.49 0.06	42.21 0.43 0.00
UNION___PROCESSING_DRP 323587	33.00 -0.36 0.00	28.10 -0.45 0.00	26.51 -0.46 0.00	25.71 -0.43 0.00	28.09 -0.46 0.00	27.41 -0.25 0.00	42.57 -0.62 0.00	34.65 -0.70 0.00	38.15 -1.25 0.00	39.02 -1.10 0.00	35.98 -0.93 0.00	34.70 -0.88 0.00	38.81 -0.85 0.00	40.30 -0.30 0.00	40.75 -0.07 0.00	40.69 0.06 0.00	49.94 0.38 0.00	48.34 0.49 0.00	45.69 -0.09 0.00	43.01 -0.09 0.00	38.49 -0.04 0.00	34.16 -0.27 0.00	36.22 0.05 0.00	41.97 0.19 0.00
UPPER HUDSON___HYD 24058	35.23 1.87 0.00	30.09 1.53 0.00	28.44 1.47 0.00	27.55 1.41 0.00	30.12 1.57 0.00	29.17 1.51 0.00	45.59 2.41 0.00	37.54 2.19 0.00	41.90 2.51 0.00	42.68 2.56 0.00	39.08 2.18 0.00	37.45 1.88 0.00	41.55 1.89 0.00	42.75 2.14 0.00	43.16 2.34 0.00	43.08 2.45 0.00	52.69 3.13 0.00	51.23 3.37 0.00	49.15 3.37 0.00	46.25 3.15 0.00	41.33 2.80 0.00	36.63 2.29 0.08	38.44 2.34 0.06	44.22 2.44 0.00
UPPER RAQUET___HYD 24056	33.51 0.15 0.00	28.74 0.18 0.00	27.12 0.15 0.00	26.28 0.14 0.00	28.71 0.16 0.00	27.85 0.20 0.00	43.53 0.35 0.00	35.58 0.23 0.00	39.65 0.26 0.00	40.23 0.11 0.00	36.73 -0.17 0.00	35.28 -0.29 0.00	39.32 -0.34 0.00	40.03 -0.57 0.00	40.13 -0.69 0.00	39.81 -0.82 0.00	48.73 -0.83 0.00	47.16 -0.71 -0.02	45.56 -0.22 0.00	43.15 0.05 0.00	38.60 0.07 0.00	34.73 0.31 0.00	36.69 0.53 0.00	42.35 0.57 0.00
VALLEY44_115KV_TB2 355964	34.20 0.84 0.00	29.02 0.46 0.00	27.48 0.50 0.00	26.67 0.52 0.00	29.18 0.63 0.00	28.46 0.80 0.00	44.45 1.27 0.00	36.28 0.93 0.00	39.91 0.52 0.00	40.90 0.78 0.00	37.75 0.85 0.00	36.28 0.70 0.00	40.20 0.54 0.00	42.00 1.40 0.00	42.50 1.68 0.00	42.25 1.62 0.00	52.00 2.44 0.00	50.14 2.27 0.00	46.96 1.18 0.00	43.82 0.72 0.00	39.21 0.67 0.00	34.68 0.25 0.00	36.83 0.66 0.00	42.76 0.98 0.00
VALLEY___115KV_TB 1-4 80826	33.23 -0.14 0.00	28.58 0.02 0.00	27.19 0.21 0.00	26.40 0.25 0.00	28.82 0.27 0.00	27.84 0.19 0.00	43.41 0.23 0.00	35.56 0.21 0.00	39.64 0.25 0.00	40.38 0.26 0.00	37.20 0.29 0.00	35.94 0.36 0.00	40.04 0.38 0.00	41.09 0.48 0.00	41.33 0.50 0.00	41.10 0.46 0.00	50.08 0.52 0.00	48.50 0.64 0.00	46.47 0.69 0.00	43.64 0.53 0.00	38.70 0.16 0.00	34.26 -0.17 0.00	35.95 -0.22 0.00	41.36 -0.42 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.54 1.17 0.00	29.46 0.90 0.00	27.89 0.92 0.00	27.09 0.95 0.00	29.55 1.01 0.00	28.59 0.93 0.00	44.77 1.59 0.00	36.73 1.38 0.00	40.78 1.38 0.00	41.47 1.35 0.00	38.19 1.28 0.00	36.86 1.28 0.00	41.14 1.48 0.00	42.38 1.78 0.00	42.67 1.85 0.00	42.49 1.85 0.00	51.76 2.21 0.00	50.14 2.27 -0.02	47.89 2.11 0.00	44.91 1.81 0.00	40.13 1.60 0.00	35.72 1.30 0.00	37.46 1.30 0.00	43.21 1.42 0.00
VISCHER___FERRY HYD 24020	34.53 1.17 0.00	29.58 1.02 0.00	27.94 0.97 0.00	27.07 0.92 0.00	29.58 1.03 0.00	28.59 0.94 0.00	44.60 1.42 0.00	36.65 1.30 0.00	40.81 1.42 0.00	41.60 1.48 0.00	38.18 1.27 0.00	36.72 1.14 0.00	40.76 1.10 0.00	41.82 1.22 0.00	42.16 1.34 0.00	42.02 1.39 0.00	51.13 1.57 0.00	49.59 1.73 0.00	47.52 1.73 0.00	44.66 1.56 0.00	39.93 1.40 0.00	35.44 1.13 0.11	37.23 1.14 0.08	42.96 1.17 0.00
V_A_10_SYNC_DSASP 323832	32.48 -0.88 0.00	27.67 -0.89 0.00	26.10 -0.87 0.00	25.35 -0.80 0.00	27.68 -0.87 0.00	27.04 -0.62 0.00	41.86 -1.32 0.00	33.97 -1.38 0.00	37.30 -2.10 0.00	38.24 -1.88 0.00	35.26 -1.65 0.00	33.98 -1.60 0.00	37.97 -1.69 0.00	39.58 -1.03 0.00	40.01 -0.81 0.00	39.90 -0.73 0.00	48.95 -0.61 0.00	47.25 -0.60 0.00	44.44 -1.34 0.00	41.89 -1.22 0.00	37.59 -0.95 0.00	33.39 -1.04 0.00	35.63 -0.53 0.00	41.43 -0.35 0.00
V_CMM_10_SYNC_DSASP 323787	33.38 0.02 0.00	28.66 0.10 0.00	27.06 0.09 0.00	26.23 0.08 0.00	28.64 0.09 0.00	27.75 0.09 0.00	43.30 0.12 0.00	35.40 0.05 0.00	39.61 0.21 0.00	40.35 0.23 0.00	37.03 0.12 0.00	35.69 0.11 0.00	39.77 0.11 0.00	40.52 -0.08 0.00	40.57 -0.25 0.00	40.21 -0.43 0.00	49.15 -0.41 0.00	47.33 -0.52 0.00	45.34 -0.44 0.00	42.83 -0.28 0.00	38.36 -0.17 0.00	34.36 -0.06 0.00	36.17 0.01 0.00	41.83 0.05 0.00
V_CMP_10_SYNC_DSASP 323788	34.56 1.19 0.00	29.51 0.95 0.00	27.88 0.91 0.00	27.00 0.85 0.00	29.54 0.99 0.00	28.70 1.05 0.00	44.73 1.54 0.00	36.93 1.58 0.00	41.04 1.65 0.00	41.85 1.73 0.00	38.26 1.35 0.00	36.75 1.18 0.00	40.93 1.27 0.00	41.73 1.13 0.00	41.91 1.08 0.00	41.64 1.01 0.00	51.09 1.53 0.00	49.11 1.25 0.00	47.16 1.38 0.00	44.00 0.90 0.00	39.46 0.93 0.00	35.04 0.61 0.00	36.93 0.76 0.00	42.87 1.09 0.00
V_D_10_SYNC_DSASP 323841	33.56 0.20 0.00	28.82 0.26 0.00	27.20 0.22 0.00	26.37 0.23 0.00	28.79 0.24 0.00	27.91 0.26 0.00	43.56 0.37 0.00	35.60 0.25 0.00	39.78 0.39 0.00	40.48 0.36 0.00	37.13 0.22 0.00	35.78 0.20 0.00	39.86 0.20 0.00	40.61 0.01 0.00	40.67 -0.16 0.00	40.31 -0.32 0.00	49.30 -0.26 0.00	47.52 -0.34 0.00	45.60 -0.18 0.00	43.09 -0.02 0.00	38.59 0.05 0.00	34.59 0.17 0.00	36.42 0.26 0.00	42.11 0.33 0.00
V_E_10_SYNC_DSASP 323830	35.73 2.37 0.00	30.38 1.82 0.00	28.71 1.73 0.00	27.84 1.69 0.00	30.41 1.86 0.00	29.61 1.95 0.00	46.66 3.48 0.00	38.23 2.87 0.00	42.06 2.67 0.00	42.15 2.03 0.00	38.56 1.65 0.00	37.18 1.61 0.00	41.66 2.01 0.00	43.21 2.61 0.00	43.53 2.71 0.00	43.67 3.04 0.00	53.44 3.88 0.00	52.20 4.32 -0.03	50.38 4.60 0.00	47.24 4.13 0.00	41.79 3.26 0.00	36.80 2.37 0.00	38.45 2.28 0.00	44.21 2.43 0.00
V_F_30_NSYNC___DSASP 323816	35.05 1.68 0.00	29.96 1.41 0.00	28.31 1.34 0.00	27.44 1.29 0.00	29.97 1.43 0.00	29.01 1.35 0.00	45.35 2.16 0.00	37.27 1.92 0.00	41.50 2.10 0.00	42.27 2.15 0.00	38.73 1.83 0.00	37.17 1.59 0.00	41.28 1.62 0.00	42.42 1.82 0.00	42.82 1.99 0.00	42.69 2.06 0.00	52.12 2.56 0.00	50.67 2.81 0.00	48.60 2.81 0.00	45.69 2.58 0.00	40.81 2.28 0.00	36.21 1.88 0.09	38.00 1.90 0.06	43.81 2.02 0.00

V_F_30_SYNC_DSASP 323786	34.03 0.67 0.00	29.11 0.55 0.00	27.49 0.52 0.00	26.62 0.48 0.00	29.09 0.54 0.00	28.14 0.48 0.00	43.96 0.78 0.00	36.13 0.78 0.00	40.25 0.85 0.00	41.03 0.91 0.00	37.69 0.79 0.00	36.29 0.71 0.00	40.34 0.68 0.00	41.47 0.86 0.00	41.79 0.97 0.00	41.63 0.99 0.00	50.74 1.18 0.00	49.19 1.34 0.00	47.06 1.28 0.00	44.19 1.09 0.00	39.46 0.93 0.00	35.06 0.72 0.08	36.77 0.67 0.06	42.39 0.61 0.00
V_XM_10_SYNC_DSASP 323789	34.56 1.19 0.00	29.51 0.95 0.00	27.88 0.91 0.00	27.00 0.85 0.00	29.54 0.99 0.00	28.70 1.05 0.00	44.73 1.54 0.00	36.93 1.58 0.00	41.04 1.65 0.00	41.85 1.73 0.00	38.26 1.35 0.00	36.75 1.18 0.00	40.93 1.27 0.00	41.73 1.13 0.00	41.91 1.08 0.00	41.64 1.01 0.00	51.09 1.53 0.00	49.11 1.25 0.00	47.16 1.38 0.00	44.00 0.90 0.00	39.46 0.93 0.00	35.04 0.61 0.00	36.93 0.76 0.00	42.87 1.09 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.70 1.33 0.00	29.59 1.04 0.00	27.87 0.90 0.00	26.96 0.81 0.00	29.40 0.85 0.00	28.53 0.88 0.00	44.74 1.56 0.00	36.89 1.54 0.00	41.09 1.69 0.00	41.76 1.64 0.00	38.52 1.61 0.00	37.22 1.64 0.00	41.53 1.87 0.00	42.76 2.16 0.00	43.14 2.32 0.00	42.97 2.34 0.00	52.48 2.92 0.00	50.80 2.94 0.00	48.38 2.60 0.00	45.31 2.21 0.00	40.37 1.83 0.00	36.05 1.55 -0.08	37.71 1.49 -0.06	43.35 1.57 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.14 1.78 0.00	29.94 1.38 0.00	28.19 1.22 0.00	27.27 1.12 0.00	29.72 1.17 0.00	28.87 1.21 0.00	45.27 2.09 0.00	37.42 2.06 0.00	41.71 2.32 0.00	42.39 2.28 0.00	39.15 2.25 0.00	37.83 2.26 0.00	42.09 2.43 0.00	43.32 2.72 0.00	43.67 2.84 0.00	43.47 2.84 0.00	52.99 3.43 0.00	51.22 3.37 0.00	48.69 2.91 0.00	45.66 2.55 0.00	40.78 2.25 0.00	36.51 2.00 -0.09	38.23 2.00 -0.06	43.95 2.17 0.00
W50THST__13_KV_LOAD 356117	35.31 1.95 0.00	30.08 1.52 0.00	28.32 1.34 0.00	27.38 1.24 0.00	29.84 1.29 0.00	29.00 1.35 0.00	45.53 2.35 0.00	37.66 2.31 0.00	42.00 2.60 0.00	42.72 2.60 0.00	39.47 2.57 0.00	38.15 2.57 0.00	42.45 2.79 0.00	43.68 3.07 0.00	44.01 3.19 0.00	43.83 3.20 0.00	53.43 3.87 0.00	51.61 3.75 0.00	49.02 3.24 0.00	45.93 2.83 0.00	41.02 2.49 0.00	36.72 2.21 -0.09	38.44 2.22 -0.06	44.19 2.41 0.00
WADING RIVER_IC_1 23522	33.44 0.08 0.00	29.05 0.50 0.00	27.31 0.34 0.00	26.26 0.26 0.15	28.69 0.17 0.03	28.02 0.36 0.00	44.25 0.56 -0.51	42.93 1.17 -6.40	40.68 1.29 0.00	41.14 1.02 0.00	37.36 0.46 0.00	36.37 0.79 0.00	40.60 0.94 0.00	41.98 1.38 0.00	42.03 1.21 0.00	41.97 1.34 0.00	50.68 1.12 0.00	49.40 1.55 0.00	46.94 1.15 0.00	44.64 1.54 0.00	39.80 1.27 0.00	35.68 1.16 -0.09	37.09 0.86 -0.06	42.49 0.71 0.00
WADING RIVER_IC_2 23547	33.44 0.08 0.00	29.05 0.50 0.00	27.31 0.34 0.00	26.26 0.26 0.15	28.69 0.17 0.03	28.02 0.36 0.00	44.25 0.56 -0.51	42.93 1.17 -6.40	40.68 1.29 0.00	41.14 1.02 0.00	37.36 0.46 0.00	36.37 0.79 0.00	40.60 0.94 0.00	41.98 1.38 0.00	42.03 1.21 0.00	41.97 1.34 0.00	50.68 1.12 0.00	49.40 1.55 0.00	46.94 1.15 0.00	44.64 1.54 0.00	39.80 1.27 0.00	35.68 1.16 -0.09	37.09 0.86 -0.06	42.49 0.71 0.00
WADING RIVER_IC_3 23601	33.44 0.08 0.00	29.05 0.50 0.00	27.31 0.34 0.00	26.26 0.26 0.15	28.69 0.17 0.03	28.02 0.36 0.00	44.25 0.56 -0.51	42.93 1.17 -6.40	40.68 1.29 0.00	41.14 1.02 0.00	37.36 0.46 0.00	36.37 0.79 0.00	40.60 0.94 0.00	41.98 1.38 0.00	42.03 1.21 0.00	41.97 1.34 0.00	50.68 1.12 0.00	49.40 1.55 0.00	46.94 1.15 0.00	44.64 1.54 0.00	39.80 1.27 0.00	35.68 1.16 -0.09	37.09 0.86 -0.06	42.49 0.71 0.00
WALDENNY_12_KV_BK2 80841	33.51 0.14 0.00	28.49 -0.07 0.00	26.86 -0.11 0.00	26.06 -0.09 0.00	28.47 -0.07 0.00	27.85 0.19 0.00	43.14 -0.04 0.00	35.04 -0.31 0.00	38.40 -0.99 0.00	39.46 -0.66 0.00	36.42 -0.49 0.00	35.13 -0.45 0.00	39.20 -0.46 0.00	41.01 0.41 0.00	41.58 0.76 0.00	41.41 0.78 0.00	50.85 1.29 0.00	49.04 1.18 0.00	45.83 0.05 0.00	42.96 -0.14 0.00	38.55 0.02 0.00	34.18 -0.25 0.00	36.52 0.36 0.00	42.40 0.62 0.00
WALDEN__HYDRO 24148	34.61 1.25 0.00	29.52 0.96 0.00	27.82 0.85 0.00	26.92 0.78 0.00	29.37 0.82 0.00	28.48 0.82 0.00	44.65 1.47 0.00	36.81 1.46 0.00	40.98 1.58 0.00	41.64 1.52 0.00	38.35 1.44 0.00	37.03 1.46 0.00	41.31 1.66 0.00	42.52 1.92 0.00	42.86 2.04 0.00	42.68 2.05 0.00	52.12 2.56 0.00	50.50 2.64 0.00	48.15 2.37 0.00	45.16 2.05 0.00	40.26 1.72 0.00	35.94 1.45 -0.07	37.61 1.40 -0.05	43.25 1.46 0.00
WARRENSBURG____ 23737	35.23 1.87 0.00	30.09 1.53 0.00	28.44 1.47 0.00	27.55 1.41 0.00	30.12 1.57 0.00	29.17 1.51 0.00	45.59 2.41 0.00	37.54 2.19 0.00	41.90 2.51 0.00	42.68 2.56 0.00	39.08 2.18 0.00	37.45 1.88 0.00	41.55 1.89 0.00	42.75 2.14 0.00	43.16 2.34 0.00	43.08 2.45 0.00	52.69 3.13 0.00	51.23 3.37 0.00	49.15 3.37 0.00	46.25 3.15 0.00	41.33 2.80 0.00	36.63 2.29 0.08	38.44 2.34 0.06	44.22 2.44 0.00
WATERSIDE____6 8 9 23538	35.21 1.85 0.00	30.00 1.44 0.00	28.25 1.27 0.00	27.31 1.17 0.00	29.77 1.22 0.00	28.93 1.28 0.00	45.36 2.18 0.00	37.51 2.15 0.00	41.78 2.39 0.00	42.44 2.32 0.00	39.21 2.31 0.00	37.90 2.33 0.00	42.14 2.48 0.00	43.40 2.79 0.00	43.74 2.92 0.00	43.49 2.86 0.00	52.95 3.39 0.00	51.18 3.32 0.00	48.65 2.87 0.00	45.64 2.53 0.00	40.82 2.28 0.00	36.58 2.06 -0.09	38.30 2.07 -0.06	44.03 2.25 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.59 0.23 0.00	28.71 0.15 0.00	27.12 0.15 0.00	26.27 0.12 0.00	28.70 0.15 0.00	27.75 0.09 0.00	43.41 0.23 0.00	35.71 0.36 0.00	39.69 0.30 0.00	40.11 -0.01 0.00	36.66 -0.25 0.00	35.33 -0.24 0.00	39.38 -0.28 0.00	40.46 -0.15 0.00	40.67 -0.15 0.00	40.55 -0.09 0.00	49.45 -0.11 0.00	48.18 0.32 0.00	46.41 0.63 0.00	43.67 0.57 0.00	39.07 0.54 0.00	34.76 0.34 0.00	36.37 0.20 0.00	41.85 0.07 0.00
WATSON__69_KV_BK 1 55734	35.00 1.63 0.00	30.19 1.63 0.00	28.36 1.39 0.00	27.37 1.28 0.05	29.86 1.32 0.01	29.09 1.44 0.00	45.98 2.29 -0.51	44.29 2.54 -6.40	42.15 2.75 0.00	42.67 2.55 0.00	38.83 1.92 0.00	37.71 2.14 0.00	42.02 2.36 0.00	43.46 2.85 0.00	43.58 2.76 0.00	43.47 2.84 0.00	52.65 3.09 0.00	51.10 3.24 0.00	48.52 2.74 0.00	46.07 2.97 0.00	41.11 2.58 0.00	36.87 2.35 -0.09	38.35 2.13 -0.06	43.94 2.15 0.00
WDELAWARE__HYD 323627	33.63 0.26 0.00	28.66 0.11 0.00	27.01 0.04 0.00	26.16 0.02 0.00	28.53 -0.02 0.00	27.69 0.03 0.00	43.43 0.25 0.00	35.81 0.46 0.00	39.85 0.46 0.00	40.45 0.33 0.00	37.24 0.33 0.00	35.92 0.34 0.00	40.07 0.41 0.00	41.19 0.59 0.00	41.52 0.70 0.00	41.37 0.74 0.00	50.54 0.98 0.00	49.04 1.18 0.00	46.88 1.09 0.00	43.98 0.88 0.00	39.20 0.67 0.00	34.98 0.50 -0.05	36.59 0.39 -0.04	42.07 0.28 0.00

WEST BABYLON___IC 23714	35.36 1.99 0.00	30.34 1.78 0.00	28.51 1.54 0.00	27.51 1.37 0.01	30.01 1.47 0.00	29.21 1.56 0.00	46.21 2.51 -0.51	44.40 2.64 -6.40	42.26 2.86 0.00	42.79 2.67 0.00	39.02 2.11 0.00	37.83 2.25 0.00	42.07 2.42 0.00	43.48 2.88 0.00	43.66 2.84 0.00	43.50 2.87 0.00	52.76 3.20 0.00	51.13 3.27 0.00	48.55 2.77 0.00	45.98 2.88 0.00	41.04 2.51 0.00	36.89 2.37 -0.09	38.40 2.17 -0.06	43.99 2.21 0.00
WEST CANADA___HYD 24049	33.47 0.11 0.00	28.64 0.09 0.00	27.05 0.08 0.00	26.22 0.08 0.00	28.63 0.09 0.00	27.73 0.08 0.00	43.31 0.13 0.00	35.49 0.14 0.00	39.51 0.11 0.00	40.20 0.08 0.00	36.97 0.06 0.00	35.64 0.07 0.00	39.73 0.07 0.00	40.73 0.12 0.00	40.97 0.15 0.00	40.76 0.13 0.00	49.71 0.15 0.00	48.09 0.24 0.00	46.04 0.26 0.00	43.32 0.21 0.00	38.69 0.16 0.00	34.53 0.10 0.00	36.24 0.08 0.00	41.84 0.05 0.00
WESTERN_NY_WIND 24143	33.68 0.32 0.00	28.65 0.09 0.00	26.99 0.01 0.00	26.19 0.04 0.00	28.61 0.06 0.00	28.00 0.35 0.00	43.41 0.23 0.00	35.29 -0.06 0.00	38.59 -0.80 0.00	39.41 -0.71 0.00	36.18 -0.72 0.00	34.86 -0.72 0.00	38.92 -0.73 0.00	40.72 0.12 0.00	41.23 0.40 0.00	41.16 0.53 0.00	50.62 1.06 0.00	49.19 1.33 0.00	46.25 0.46 0.00	43.62 0.52 0.00	39.11 0.58 0.00	34.67 0.24 0.00	36.96 0.79 0.00	42.92 1.14 0.00
WESTOVER___LESR 323668	33.59 0.22 0.00	28.60 0.05 0.00	27.06 0.08 0.00	26.24 0.10 0.00	28.66 0.12 0.00	27.81 0.16 0.00	43.55 0.37 0.00	35.65 0.29 0.00	39.49 0.10 0.00	40.24 0.11 0.00	37.02 0.11 0.00	35.71 0.13 0.00	39.87 0.21 0.00	41.25 0.65 0.00	41.61 0.79 0.00	41.41 0.77 0.00	50.65 1.08 0.00	49.12 1.23 -0.03	46.68 0.90 0.00	43.75 0.65 0.00	39.10 0.57 0.00	34.70 0.27 0.00	36.48 0.31 0.00	42.23 0.45 0.00
WETHRSFD_WT_PWR 323626	33.10 -0.27 0.00	28.17 -0.39 0.00	26.57 -0.40 0.00	25.78 -0.37 0.00	28.23 -0.32 0.00	27.63 -0.03 0.00	42.99 -0.19 0.00	34.96 -0.39 0.00	38.41 -0.98 0.00	39.38 -0.74 0.00	36.29 -0.61 0.00	34.99 -0.59 0.00	39.03 -0.63 0.00	40.76 0.16 0.00	41.27 0.45 0.00	41.08 0.44 0.00	50.44 0.88 0.00	48.77 0.90 0.00	45.75 -0.03 0.00	42.87 -0.23 0.00	38.41 -0.13 0.00	34.03 -0.39 0.00	36.18 0.02 0.00	41.91 0.12 0.00
WHAVSTOR_138KV_BK127 55557	34.56 1.20 0.00	29.49 0.93 0.00	27.77 0.79 0.00	26.86 0.72 0.00	29.30 0.75 0.00	28.43 0.77 0.00	44.57 1.39 0.00	36.74 1.39 0.00	40.92 1.52 0.00	41.58 1.47 0.00	38.36 1.45 0.00	37.06 1.48 0.00	41.34 1.68 0.00	42.56 1.95 0.00	42.93 2.11 0.00	42.75 2.12 0.00	52.20 2.64 0.00	50.52 2.66 0.00	48.11 2.33 0.00	45.07 1.97 0.00	40.17 1.63 0.00	35.90 1.39 -0.08	37.54 1.32 -0.06	43.18 1.40 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.56 1.20 0.00	29.49 0.93 0.00	27.77 0.79 0.00	26.86 0.72 0.00	29.30 0.75 0.00	28.43 0.77 0.00	44.57 1.39 0.00	36.74 1.39 0.00	40.92 1.52 0.00	41.58 1.47 0.00	38.36 1.45 0.00	37.06 1.48 0.00	41.34 1.68 0.00	42.56 1.95 0.00	42.93 2.11 0.00	42.75 2.12 0.00	52.20 2.64 0.00	50.52 2.66 0.00	48.11 2.33 0.00	45.07 1.97 0.00	40.17 1.63 0.00	35.90 1.39 -0.08	37.54 1.32 -0.06	43.18 1.40 0.00
WHITEHAL_115KV_TB1 80871	35.81 2.45 0.00	30.49 1.93 0.00	28.93 1.95 0.00	28.04 1.90 0.00	30.72 2.17 0.00	29.76 2.10 0.00	46.26 3.08 0.00	38.31 2.95 0.00	43.17 3.78 0.00	44.11 3.99 0.00	40.32 3.41 0.00	38.36 2.79 0.00	42.20 2.54 0.00	43.33 2.72 0.00	43.77 2.94 0.00	43.76 3.13 0.00	53.93 4.37 0.00	52.16 4.30 0.00	50.19 4.41 0.00	47.47 4.36 0.00	42.57 4.03 0.00	37.64 3.31 0.09	39.67 3.57 0.06	45.50 3.72 0.00
WHITEPLN_13_KV_LOAD 356215	35.24 1.88 0.00	30.03 1.47 0.00	28.28 1.30 0.00	27.34 1.20 0.00	29.81 1.26 0.00	28.96 1.30 0.00	45.44 2.26 0.00	37.54 2.19 0.00	41.85 2.46 0.00	42.54 2.42 0.00	39.24 2.33 0.00	37.92 2.34 0.00	42.24 2.58 0.00	43.47 2.87 0.00	43.84 3.01 0.00	43.67 3.03 0.00	53.25 3.69 0.00	51.51 3.65 0.00	48.99 3.21 0.00	45.93 2.83 0.00	40.97 2.44 0.00	36.62 2.11 -0.09	38.32 2.09 -0.06	44.00 2.22 0.00
WM_FLOYD_69_KV_BK2 356380	33.81 0.45 0.00	29.38 0.82 0.00	27.62 0.65 0.00	26.58 0.58 0.15	29.03 0.51 0.03	28.35 0.69 0.00	44.75 1.06 -0.51	43.34 1.59 -6.40	41.14 1.75 0.00	41.59 1.47 0.00	37.75 0.85 0.00	36.75 1.17 0.00	41.04 1.38 0.00	42.42 1.82 0.00	42.48 1.66 0.00	42.42 1.78 0.00	51.26 1.70 0.00	49.95 2.10 0.00	47.48 1.70 0.00	45.15 2.05 0.00	40.25 1.72 0.00	36.09 1.58 -0.09	37.53 1.30 -0.06	43.01 1.23 0.00
WOODARD___115KV_TB2 355635	33.02 -0.34 0.00	28.18 -0.38 0.00	26.61 -0.36 0.00	25.80 -0.35 0.00	28.19 -0.36 0.00	27.36 -0.29 0.00	42.71 -0.47 0.00	34.88 -0.48 0.00	38.70 -0.69 0.00	39.40 -0.72 0.00	36.29 -0.62 0.00	34.98 -0.59 0.00	39.11 -0.55 0.00	40.26 -0.34 0.00	40.59 -0.23 0.00	40.47 -0.17 0.00	49.45 -0.11 0.00	47.94 0.02 -0.06	45.70 -0.08 0.00	42.92 -0.19 0.00	38.31 -0.22 0.00	34.08 -0.34 0.00	35.83 -0.33 0.00	41.48 -0.30 0.00
YORK___WARBASSE 23770	35.35 1.99 0.00	30.12 1.56 0.00	28.35 1.38 0.00	27.40 1.26 0.00	29.88 1.33 0.00	29.04 1.38 0.00	45.50 2.32 0.00	37.63 2.28 0.00	41.88 2.48 0.00	42.55 2.43 0.00	39.36 2.45 0.00	38.04 2.47 0.00	42.31 2.65 0.00	43.60 3.00 0.00	43.98 3.16 0.00	43.71 3.08 0.00	53.20 3.63 0.00	51.39 3.54 0.00	48.86 3.08 0.00	45.85 2.74 0.00	41.03 2.49 0.00	36.80 2.28 -0.09	38.48 2.26 -0.06	44.24 2.46 0.00