

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		06/24/2026																										
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
59TH STREET_GT_1		40.99	37.66	34.42	34.20	33.58	35.03	38.82	40.80	38.43	36.34	37.74	38.46	40.18	41.25	44.43	58.31	61.88	63.91	68.36	74.90	68.78	59.23	49.90	41.99			
24138		2.17	1.96	1.89	1.78	1.78	1.73	2.13	2.56	2.65	2.79	3.14	3.27	3.38	3.63	4.16	4.13	5.08	6.22	5.87	6.25	5.04	4.08	3.44	2.97			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.09	-0.16	-0.64	-15.19	-10.63	-1.67	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1		40.99	37.62	34.42	34.17	33.58	35.00	38.75	40.73	38.36	36.27	37.64	38.35	40.07	41.18	44.33	58.59	62.06	63.79	68.30	74.76	68.72	59.18	49.90	41.95			
24260		2.17	1.93	1.89	1.75	1.78	1.70	2.05	2.49	2.58	2.72	3.04	3.16	3.27	3.56	4.04	4.02	4.94	6.05	5.81	6.11	4.97	4.03	3.44	2.93			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2		40.99	37.62	34.42	34.17	33.58	35.00	38.75	40.73	38.36	36.27	37.64	38.35	40.07	41.18	44.33	58.59	62.06	63.79	68.30	74.76	68.72	59.18	49.90	41.95			
24261		2.17	1.93	1.89	1.75	1.78	1.70	2.05	2.49	2.58	2.72	3.04	3.16	3.27	3.56	4.04	4.02	4.94	6.05	5.81	6.11	4.97	4.03	3.44	2.93			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS		40.13	37.01	33.80	33.65	33.04	34.60	38.05	39.31	36.32	33.89	34.60	35.53	36.86	37.34	39.66	39.22	46.78	56.86	64.49	71.19	66.74	57.58	48.27	40.55			
24011		1.32	1.32	1.27	1.23	1.24	1.30	1.36	1.07	0.54	0.34	0.10	0.42	0.15	-0.11	0.04	0.23	0.60	0.84	2.00	2.54	3.00	2.43	1.81	1.52			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY		40.32	37.19	33.96	33.81	33.16	34.76	38.23	39.43	36.43	33.96	34.64	35.60	36.90	37.38	39.66	39.30	46.87	57.03	64.86	71.67	67.25	57.96	48.56	40.59			
23798		1.51	1.50	1.43	1.39	1.37	1.46	1.54	1.19	0.64	0.40	0.14	0.49	0.18	-0.07	0.04	0.31	0.69	1.01	2.37	3.02	3.50	2.81	2.09	1.56			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS		40.13	37.01	33.80	33.65	33.04	34.60	38.05	39.31	36.32	33.89	34.60	35.53	36.86	37.34	39.66	39.22	46.78	56.86	64.49	71.19	66.74	57.58	48.27	40.55			
24028		1.32	1.32	1.27	1.23	1.24	1.30	1.36	1.07	0.54	0.34	0.10	0.42	0.15	-0.11	0.04	0.23	0.60	0.84	2.00	2.54	3.00	2.43	1.81	1.52			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM		40.09	36.91	33.74	33.55	32.91	34.43	37.90	39.46	36.71	34.43	35.40	36.13	37.70	38.47	40.85	40.24	47.75	57.59	64.11	69.75	65.40	56.75	47.95	40.08			
23527		1.28	1.21	1.20	1.13	1.11	1.13	1.21	1.22	0.93	0.87	0.90	1.02	0.99	1.01	1.23	1.25	1.57	1.57	1.62	1.10	1.65	1.60	1.49	1.05			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP		39.01	36.19	33.05	32.91	32.28	33.73	37.17	38.74	35.86	33.62	34.60	35.36	36.89	37.68	39.94	39.34	46.59	56.36	62.67	68.65	63.87	55.21	46.56	39.34			
24190		0.19	0.50	0.52	0.49	0.48	0.43	0.48	0.50	0.07	0.07	0.10	0.25	0.18	0.22	0.32	0.35	0.42	0.34	0.19	0.00	0.13	0.06	0.09	0.31			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK		38.66	35.51	32.34	32.23	31.64	33.13	36.51	38.05	35.64	33.32	34.19	34.73	36.31	36.97	39.07	38.44	45.67	55.01	61.55	67.83	62.92	54.55	46.18	38.83			
355683		-0.16	-0.18	-0.20	-0.19	-0.16	-0.17	-0.18	-0.19	-0.14	-0.23	-0.31	-0.39	-0.40	-0.49	-0.55	-0.55	-0.51	-1.01	-0.94	-0.82	-0.83	-0.61	-0.28	-0.20			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR		39.74	36.76	33.54	33.43	32.75	34.23	37.61	38.93	36.04	33.72	34.71	35.43	37.00	37.75	40.06	39.49	46.87	56.86	63.67	70.09	65.21	56.47	47.62	39.92			
323833		0.93	1.07	1.01	1.01	0.95	0.93	0.92	0.69	0.25	0.17	0.21	0.32	0.29	0.30	0.44	0.51	0.69	0.84	1.18	1.44	1.47	1.32	1.16	0.90			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR		39.74	36.73	33.54	33.39	32.75	34.23	37.61	38.93	36.04	33.72	34.67	35.43	37.00	37.75	40.06	39.49	46.82	56.86	63.61	70.09	65.21	56.42	47.62	39.92			
323834		0.93	1.04	1.01	0.97	0.95	0.93	0.92	0.69	0.25	0.17	0.17	0.32	0.29	0.30	0.44	0.51	0.65	0.84	1.13	1.44	1.47	1.27	1.16	0.90			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		39.01	36.19	33.05	32.91	32.28	33.73	37.17	38.74	35.86	33.62	34.60	35.36	36.89	37.68	39.94	39.34	46.59	56.36	62.67	68.65	63.87	55.21	46.56	39.34			
23571		0.19	0.50	0.52	0.49	0.48	0.43	0.48	0.50	0.07	0.07	0.10	0.25	0.18	0.22	0.32	0.35	0.42	0.34	0.19	0.00	0.13	0.06	0.09	0.31			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	39.01 0.19 0.00	36.19 0.50 0.00	33.05 0.52 0.00	32.91 0.49 0.00	32.28 0.48 0.00	33.73 0.43 0.00	37.17 0.48 0.00	38.74 0.50 0.00	35.86 0.07 0.00	33.62 0.07 0.00	34.60 0.10 0.00	35.36 0.25 0.00	36.89 0.18 0.00	37.68 0.22 0.00	39.94 0.32 0.00	39.34 0.35 0.00	46.59 0.42 0.00	56.36 0.34 0.00	62.67 0.19 0.00	68.65 0.00 0.00	63.87 0.13 0.00	55.21 0.06 0.00	46.56 0.09 0.00	39.34 0.31 0.00
ALBANY___3 23573	39.01 0.19 0.00	36.19 0.50 0.00	33.05 0.52 0.00	32.91 0.49 0.00	32.28 0.48 0.00	33.73 0.43 0.00	37.17 0.48 0.00	38.74 0.50 0.00	35.86 0.07 0.00	33.62 0.07 0.00	34.60 0.10 0.00	35.36 0.25 0.00	36.89 0.18 0.00	37.68 0.22 0.00	39.94 0.32 0.00	39.34 0.35 0.00	46.59 0.42 0.00	56.36 0.34 0.00	62.67 0.19 0.00	68.65 0.00 0.00	63.87 0.13 0.00	55.21 0.06 0.00	46.56 0.09 0.00	39.34 0.31 0.00
ALBANY___4 23574	39.01 0.19 0.00	36.19 0.50 0.00	33.05 0.52 0.00	32.91 0.49 0.00	32.28 0.48 0.00	33.73 0.43 0.00	37.17 0.48 0.00	38.74 0.50 0.00	35.86 0.07 0.00	33.62 0.07 0.00	34.60 0.10 0.00	35.36 0.25 0.00	36.89 0.18 0.00	37.68 0.22 0.00	39.94 0.32 0.00	39.34 0.35 0.00	46.59 0.42 0.00	56.36 0.34 0.00	62.67 0.19 0.00	68.65 0.00 0.00	63.87 0.13 0.00	55.21 0.06 0.00	46.56 0.09 0.00	39.34 0.31 0.00
ALBANY___LFGE 323615	39.35 0.54 0.00	36.44 0.75 0.00	33.28 0.75 0.00	33.13 0.71 0.00	32.50 0.70 0.00	34.00 0.70 0.00	37.43 0.73 0.00	38.93 0.69 0.00	36.11 0.32 0.00	33.86 0.30 0.00	34.88 0.38 0.00	35.64 0.53 0.00	37.19 0.48 0.00	37.94 0.49 0.00	40.26 0.63 0.00	39.65 0.66 0.00	47.01 0.83 0.00	56.80 0.78 0.00	63.30 0.81 0.00	69.34 0.69 0.00	64.51 0.77 0.00	55.82 0.66 0.00	47.11 0.65 0.00	39.49 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	38.66 -0.15 0.00	35.51 -0.18 0.00	32.31 -0.23 0.00	32.23 -0.19 0.00	31.61 -0.19 0.00	33.10 -0.20 0.00	36.47 -0.22 0.00	37.97 -0.27 0.00	35.54 -0.25 0.00	33.22 -0.34 0.00	34.09 -0.41 0.00	34.62 -0.49 0.00	36.20 -0.51 0.00	36.82 -0.64 0.00	38.95 -0.67 0.00	38.33 -0.66 0.00	45.48 -0.69 0.00	55.12 -0.90 0.00	61.74 -0.75 0.00	68.10 -0.55 0.00	63.23 -0.51 0.00	54.71 -0.44 0.00	46.23 -0.23 0.00	38.83 -0.19 0.00
ALCOA_RYNLDS___DRP 24188	38.66 -0.16 0.00	35.51 -0.18 0.00	32.30 -0.23 0.00	32.23 -0.19 0.00	31.61 -0.19 0.00	33.10 -0.20 0.00	36.47 -0.22 0.00	37.97 -0.27 0.00	35.53 -0.25 0.00	33.22 -0.34 0.00	34.09 -0.41 0.00	34.62 -0.49 0.00	36.20 -0.51 0.00	36.82 -0.64 0.00	38.95 -0.67 0.00	38.33 -0.66 0.00	45.53 -0.65 0.00	55.12 -0.90 0.00	61.74 -0.75 0.00	68.10 -0.55 0.00	63.24 -0.51 0.00	54.71 -0.44 0.00	46.18 -0.28 0.00	38.87 -0.16 0.00
ALCOA___DSASP 323711	38.66 -0.16 0.00	35.51 -0.18 0.00	32.30 -0.23 0.00	32.23 -0.19 0.00	31.61 -0.19 0.00	33.10 -0.20 0.00	36.47 -0.22 0.00	37.97 -0.27 0.00	35.53 -0.25 0.00	33.22 -0.34 0.00	34.09 -0.41 0.00	34.62 -0.49 0.00	36.20 -0.51 0.00	36.82 -0.64 0.00	38.95 -0.67 0.00	38.33 -0.66 0.00	45.53 -0.65 0.00	55.12 -0.90 0.00	61.74 -0.75 0.00	68.10 -0.55 0.00	63.24 -0.51 0.00	54.71 -0.44 0.00	46.18 -0.28 0.00	38.87 -0.16 0.00
ALLEGHENY___COGEN 23514	38.54 -0.27 0.00	35.44 -0.25 0.00	32.27 -0.26 0.00	32.26 -0.16 0.00	31.74 -0.06 0.00	33.53 0.23 0.00	36.47 -0.22 0.00	37.36 -0.88 0.00	34.75 -1.04 0.00	32.18 -1.38 0.00	32.88 -1.62 0.00	33.36 -1.75 0.00	35.13 -1.58 0.00	35.96 -1.50 0.00	37.92 -1.70 0.00	37.66 -1.33 0.00	43.41 -1.80 0.96	52.70 -1.46 1.86	59.45 -0.50 2.53	67.13 1.03 2.55	63.03 1.78 2.50	55.47 1.76 1.45	46.53 0.42 0.35	39.33 0.31 0.00
ALTAMONT_115KV_TB 2 55880	39.39 0.58 0.00	36.33 0.64 0.00	33.15 0.62 0.00	33.04 0.62 0.00	32.37 0.57 0.00	33.86 0.57 0.00	37.32 0.62 0.00	38.85 0.61 0.00	36.18 0.39 0.00	33.96 0.40 0.00	34.95 0.45 0.00	35.64 0.53 0.00	37.23 0.51 0.00	38.02 0.56 0.00	40.34 0.71 0.00	39.69 0.70 0.00	47.01 0.83 0.00	56.97 0.95 0.00	63.42 0.94 0.00	69.54 0.89 0.00	64.64 0.89 0.00	55.93 0.77 0.00	47.11 0.65 0.00	39.69 0.66 0.00
ALTONA_WT_PWR 323606	38.62 -0.19 0.00	35.48 -0.21 0.00	32.27 -0.26 0.00	32.19 -0.23 0.00	31.58 -0.22 0.00	33.03 -0.27 0.00	36.44 -0.26 0.00	37.97 -0.27 0.00	35.54 -0.25 0.00	33.22 -0.34 0.00	34.02 -0.48 0.00	34.44 -0.67 0.00	35.98 -0.73 0.00	36.60 -0.86 0.00	38.67 -0.95 0.00	38.09 -0.90 0.00	45.30 -0.88 0.00	54.95 -1.07 0.00	61.74 -0.75 0.00	68.03 -0.62 0.00	63.05 -0.70 0.00	54.49 -0.66 0.00	46.00 -0.46 0.00	38.67 -0.35 0.00
AMERICAN_REF_FUEL 24010	35.01 -3.80 0.00	32.41 -3.28 0.00	29.54 -2.99 0.00	29.50 -2.92 0.00	28.97 -2.83 0.00	30.43 -2.86 0.00	32.40 -4.29 0.00	33.88 -4.36 0.00	32.13 -3.65 0.00	30.00 -3.56 0.00	30.77 -3.73 0.00	31.04 -4.07 0.00	32.64 -4.08 0.00	33.45 -4.01 0.00	35.26 -4.36 0.00	34.93 -4.06 0.00	39.43 -5.59 1.16	47.12 -6.67 2.23	52.08 -7.37 3.04	58.11 -7.48 3.06	54.38 -6.37 2.99	48.40 -5.02 1.74	40.98 -5.06 0.41	34.81 -4.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.02 -2.79 0.00	33.16 -2.53 0.00	30.25 -2.28 0.00	30.21 -2.21 0.00	29.80 -2.00 0.00	31.43 -1.86 0.00	33.87 -2.82 0.00	35.33 -2.91 0.00	33.35 -2.43 0.00	31.24 -2.31 0.00	32.08 -2.42 0.00	32.34 -2.77 0.00	33.99 -2.72 0.00	34.87 -2.58 0.00	36.77 -2.85 0.00	36.61 -2.38 0.00	41.14 -3.97 1.06	49.38 -4.59 2.04	54.76 -4.94 2.79	61.11 -4.74 2.81	57.05 -3.95 2.75	50.63 -2.92 1.60	43.06 -3.02 0.38	36.53 -2.50 0.00
ARTHUR KILL_GT_1 23520	33.33 1.86 7.34	37.23 1.53 0.00	34.06 1.53 0.00	33.65 1.23 0.00	33.04 1.24 0.00	34.43 1.13 0.00	38.05 1.36 0.00	39.92 1.68 0.00	37.79 2.00 0.00	35.94 2.38 0.00	37.39 2.79 -0.10	38.14 2.95 -0.08	39.63 2.83 -0.10	40.80 3.18 -0.16	44.05 3.76 -0.66	58.40 3.82 -15.59	61.41 4.29 -10.94	63.29 5.55 -1.72	67.26 4.81 0.03	73.56 4.94 0.03	67.66 3.95 0.03	58.52 3.36 0.00	49.39 2.93 0.00	41.44 2.42 0.00
ARTHUR_KILL_2 23512	33.22 1.75 7.34	37.12 1.43 0.00	33.93 1.40 0.00	33.58 1.17 0.01	32.93 1.14 0.01	34.19 0.90 0.01	37.93 1.25 0.01	39.68 1.45 0.01	37.64 1.86 0.00	35.84 2.28 0.00	37.29 2.69 -0.10	38.04 2.84 -0.08	39.52 2.72 -0.10	40.69 3.07 -0.16	43.93 3.64 -0.66	58.24 3.66 -15.59	61.46 4.34 -10.94	63.01 5.26 -1.72	66.95 4.50 0.03	73.29 4.67 0.03	67.34 3.63 0.03	58.35 3.20 0.00	49.30 2.83 0.00	41.01 1.99 0.00
ARTHUR_KILL_3 23513	33.25 1.79 7.35	37.25 1.57 0.01	34.05 1.53 0.01	33.90 1.49 0.02	33.21 1.43 0.02	34.58 1.30 0.02	38.37 1.69 0.02	40.21 1.99 0.02	38.00 2.22 0.01	35.93 2.38 0.01	37.29 2.69 -0.10	37.99 2.81 -0.07	39.70 2.90 -0.09	40.75 3.15 -0.15	43.91 3.64 -0.65	58.00 3.58 -15.42	61.42 4.43 -10.81	63.09 5.38 -1.69	65.17 5.00 2.32	70.44 5.29 3.50	65.17 4.21 2.78	58.62 3.48 0.01	49.52 3.07 0.01	41.28 2.26 0.01

ARTHUR_KILL_COGEN 323718	33.33 1.86 7.34	37.23 1.53 0.00	34.03 1.50 0.00	33.67 1.26 0.01	33.03 1.24 0.01	34.29 1.00 0.01	38.00 1.32 0.01	39.76 1.53 0.01	37.75 1.97 0.00	35.90 2.35 0.00	37.39 2.79 -0.10	38.14 2.95 -0.08	39.63 2.83 -0.10	40.80 3.18 -0.16	44.05 3.77 -0.66	58.40 3.82 -15.59	61.59 4.48 -10.94	63.24 5.49 -1.72	67.20 4.75 0.03	73.56 4.95 0.03	67.60 3.89 0.03	58.52 3.36 0.00	49.48 3.02 0.00	41.13 2.11 0.00
ASHOKAN____ 23654	40.75 1.94 0.00	37.51 1.82 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.42 1.62 0.00	34.86 1.57 0.00	38.56 1.87 0.00	40.04 1.80 0.00	37.32 1.54 0.00	34.90 1.34 0.00	35.88 1.38 0.00	36.62 1.51 0.00	38.36 1.65 0.00	39.36 1.91 0.00	42.00 2.38 0.00	41.45 2.46 0.00	49.64 3.46 0.00	60.73 4.71 0.00	67.61 5.12 0.00	74.28 5.63 0.00	68.59 4.84 0.00	58.96 3.80 0.00	49.62 3.16 0.00	41.25 2.22 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.79 1.98 0.00	37.37 1.68 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.58 1.78 0.00	34.66 1.37 0.00	38.23 1.54 0.01	40.07 1.84 0.01	37.92 2.15 0.01	35.93 2.38 0.01	37.38 2.79 -0.09	38.17 2.98 -0.07	39.77 2.97 -0.09	40.94 3.33 -0.15	44.08 3.80 -0.65	58.35 3.78 -15.58	61.68 4.57 -10.93	63.23 5.49 -1.71	67.23 4.75 0.01	73.59 4.95 0.01	67.63 3.89 0.01	58.40 3.25 0.01	49.58 3.11 0.00	41.48 2.46 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.79 1.98 0.00	37.37 1.68 0.00	34.45 1.92 0.00	34.23 1.81 0.00	33.58 1.78 0.00	34.66 1.37 0.00	38.23 1.54 0.01	40.07 1.84 0.01	37.92 2.15 0.01	35.93 2.38 0.01	37.38 2.79 -0.09	38.17 2.98 -0.07	39.77 2.97 -0.09	40.94 3.33 -0.15	44.08 3.80 -0.65	58.35 3.78 -15.58	61.68 4.57 -10.93	63.23 5.49 -1.71	67.23 4.75 0.01	73.59 4.95 0.01	67.63 3.89 0.01	58.40 3.25 0.01	49.58 3.11 0.00	41.48 2.46 0.00
ASTORIA_GT2_1 24094	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00
ASTORIA_GT2_2 24095	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00
ASTORIA_GT2_3 24096	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00
ASTORIA_GT2_4 24097	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00
ASTORIA_GT3_1 24098	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00
ASTORIA_GT3_2 24099	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00
ASTORIA_GT3_3 24100	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00
ASTORIA_GT3_4 24101	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00
ASTORIA_GT4_1 24102	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00
ASTORIA_GT4_2 24103	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00
ASTORIA_GT4_3 24104	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00

ASTORIA_GT4_4 24105	40.83 2.02 0.00	37.41 1.71 0.00	34.52 1.98 0.00	34.20 1.78 0.00	33.61 1.81 0.00	34.93 1.63 0.00	38.27 1.58 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	61.58 5.55 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.70 3.95 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.79 2.77 0.00
ASTORIA_GT_1 23523	40.87 2.06 0.00	37.48 1.78 0.00	34.55 2.02 0.00	34.27 1.85 0.00	33.67 1.88 0.00	34.96 1.66 0.00	38.34 1.65 0.00	40.30 2.06 0.00	38.04 2.25 0.00	36.04 2.48 0.00	37.50 2.90 -0.10	38.25 3.05 -0.08	39.85 3.05 -0.10	41.03 3.41 -0.16	44.17 3.88 -0.66	58.44 3.86 -15.59	61.78 4.66 -10.94	61.75 5.71 -0.01	67.49 5.00 0.00	73.80 5.15 0.00	67.89 4.14 0.00	58.52 3.36 0.00	49.62 3.16 0.00	41.87 2.85 0.00
ASTORIA_GT_10 24110	40.75 1.94 0.00	37.41 1.71 0.00	34.29 1.76 0.00	34.04 1.62 0.00	33.42 1.62 0.00	34.83 1.53 0.00	38.42 1.72 0.00	40.38 2.14 0.00	38.11 2.33 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.05 3.76 -0.66	58.32 3.74 -15.59	61.64 4.53 -10.94	63.29 5.55 -1.72	67.55 5.06 0.00	73.87 5.22 0.00	67.95 4.21 0.00	58.57 3.42 0.00	49.53 3.07 0.00	41.72 2.69 0.00
ASTORIA_GT_11 24225	40.75 1.94 0.00	37.41 1.71 0.00	34.29 1.76 0.00	34.04 1.62 0.00	33.42 1.62 0.00	34.83 1.53 0.00	38.42 1.72 0.00	40.38 2.14 0.00	38.11 2.33 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.05 3.76 -0.66	58.32 3.74 -15.59	61.64 4.53 -10.94	63.29 5.55 -1.72	67.55 5.06 0.00	73.87 5.22 0.00	67.95 4.21 0.00	58.57 3.42 0.00	49.53 3.07 0.00	41.72 2.69 0.00
ASTORIA_GT_12 24226	40.75 1.94 0.00	37.41 1.71 0.00	34.29 1.76 0.00	34.04 1.62 0.00	33.42 1.62 0.00	34.83 1.53 0.00	38.42 1.72 0.00	40.38 2.14 0.00	38.11 2.33 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.05 3.76 -0.66	58.32 3.74 -15.59	61.64 4.53 -10.94	63.29 5.55 -1.72	67.55 5.06 0.00	73.87 5.22 0.00	67.95 4.21 0.00	58.57 3.42 0.00	49.53 3.07 0.00	41.72 2.69 0.00
ASTORIA_GT_13 24227	40.75 1.94 0.00	37.41 1.71 0.00	34.29 1.76 0.00	34.04 1.62 0.00	33.42 1.62 0.00	34.83 1.53 0.00	38.42 1.72 0.00	40.38 2.14 0.00	38.11 2.33 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.05 3.76 -0.66	58.32 3.74 -15.59	61.64 4.53 -10.94	63.29 5.55 -1.72	67.55 5.06 0.00	73.87 5.22 0.00	67.95 4.21 0.00	58.57 3.42 0.00	49.53 3.07 0.00	41.72 2.69 0.00
ASTORIA_GT_5 24106	40.87 2.06 0.00	37.48 1.78 0.00	34.55 2.02 0.00	34.27 1.85 0.00	33.67 1.88 0.00	34.96 1.66 0.00	38.34 1.65 0.00	40.30 2.06 0.00	38.04 2.25 0.00	36.04 2.48 0.00	37.50 2.90 -0.10	38.25 3.05 -0.08	39.85 3.05 -0.10	41.03 3.41 -0.16	44.17 3.88 -0.66	58.44 3.86 -15.59	61.78 4.66 -10.94	61.75 5.71 -0.01	67.49 5.00 0.00	73.80 5.15 0.00	67.89 4.14 0.00	58.52 3.36 0.00	49.62 3.16 0.00	41.87 2.85 0.00
ASTORIA_GT_7 24107	40.87 2.06 0.00	37.48 1.78 0.00	34.55 2.02 0.00	34.27 1.85 0.00	33.67 1.88 0.00	34.96 1.66 0.00	38.34 1.65 0.00	40.30 2.06 0.00	38.04 2.25 0.00	36.04 2.48 0.00	37.50 2.90 -0.10	38.25 3.05 -0.08	39.85 3.05 -0.10	41.03 3.41 -0.16	44.17 3.88 -0.66	58.44 3.86 -15.59	61.78 4.66 -10.94	61.75 5.71 -0.01	67.49 5.00 0.00	73.80 5.15 0.00	67.89 4.14 0.00	58.52 3.36 0.00	49.62 3.16 0.00	41.87 2.85 0.00
ASTORIA_GT_8 24108	40.87 2.06 0.00	37.48 1.78 0.00	34.55 2.02 0.00	34.27 1.85 0.00	33.67 1.88 0.00	34.96 1.66 0.00	38.34 1.65 0.00	40.30 2.06 0.00	38.04 2.25 0.00	36.04 2.48 0.00	37.50 2.90 -0.10	38.25 3.05 -0.08	39.85 3.05 -0.10	41.03 3.41 -0.16	44.17 3.88 -0.66	58.44 3.86 -15.59	61.78 4.66 -10.94	61.75 5.71 -0.01	67.49 5.00 0.00	73.80 5.15 0.00	67.89 4.14 0.00	58.52 3.36 0.00	49.62 3.16 0.00	41.87 2.85 0.00
ASTORIA___2 24149	40.83 2.02 0.00	37.41 1.71 0.00	34.48 1.95 0.00	34.27 1.85 0.00	33.58 1.78 0.00	34.66 1.37 0.00	38.26 1.58 0.01	40.11 1.87 0.01	37.96 2.18 0.01	35.93 2.38 0.01	37.42 2.83 -0.09	38.17 2.98 -0.07	39.77 2.97 -0.09	40.94 3.33 -0.15	44.12 3.84 -0.65	58.35 3.78 -15.58	61.68 4.57 -10.93	63.23 5.49 -1.71	67.29 4.81 0.01	73.59 4.95 0.01	67.63 3.89 0.01	58.40 3.25 0.01	49.62 3.16 0.00	41.52 2.50 0.00
ASTORIA___3 23516	40.75 1.94 0.00	37.41 1.71 0.00	34.25 1.72 0.00	34.07 1.65 0.00	33.42 1.62 0.00	34.70 1.40 0.00	38.42 1.72 0.00	40.27 2.03 0.00	38.08 2.29 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.32 3.74 -15.59	61.65 4.53 -10.94	63.24 5.49 -1.72	67.49 5.00 0.00	73.87 5.21 0.00	67.89 4.14 0.00	58.63 3.48 0.00	49.62 3.16 0.00	41.40 2.38 0.00
ASTORIA___4 23517	40.75 1.94 0.00	37.41 1.71 0.00	34.29 1.76 0.00	34.04 1.62 0.00	33.42 1.62 0.00	34.83 1.53 0.00	38.42 1.72 0.00	40.38 2.14 0.00	38.11 2.33 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.05 3.76 -0.66	58.32 3.74 -15.59	61.64 4.53 -10.94	63.29 5.55 -1.72	67.55 5.06 0.00	73.87 5.22 0.00	67.95 4.21 0.00	58.57 3.42 0.00	49.53 3.07 0.00	41.72 2.69 0.00
ASTORIA___5 23518	40.75 1.94 0.00	37.41 1.71 0.00	34.25 1.72 0.00	34.07 1.65 0.00	33.42 1.62 0.00	34.70 1.40 0.00	38.42 1.72 0.00	40.27 2.03 0.00	38.08 2.29 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.32 3.74 -15.59	61.65 4.53 -10.94	63.24 5.49 -1.72	67.49 5.00 0.00	73.87 5.21 0.00	67.89 4.14 0.00	58.63 3.48 0.00	49.62 3.16 0.00	41.40 2.38 0.00
AST_ENERGY_2_CC3 323677	40.75 1.94 0.00	37.44 1.75 0.00	34.19 1.66 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.73 1.43 0.00	38.49 1.80 0.00	40.34 2.10 0.00	38.11 2.32 0.00	36.04 2.48 0.00	37.39 2.79 -0.10	38.11 2.91 -0.08	39.82 3.01 -0.10	40.91 3.30 -0.16	44.05 3.77 -0.66	58.27 3.74 -15.54	61.65 4.57 -10.90	63.28 5.55 -1.72	67.74 5.25 0.00	74.21 5.56 0.00	68.21 4.46 0.00	58.79 3.64 0.00	49.67 3.20 0.00	41.40 2.38 0.00
AST_ENERGY_2_CC4 323678	40.75 1.94 0.00	37.44 1.75 0.00	34.19 1.66 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.73 1.43 0.00	38.49 1.80 0.00	40.34 2.10 0.00	38.11 2.32 0.00	36.04 2.48 0.00	37.39 2.79 -0.10	38.11 2.91 -0.08	39.82 3.01 -0.10	40.91 3.30 -0.16	44.05 3.77 -0.66	58.27 3.74 -15.54	61.65 4.57 -10.90	63.28 5.55 -1.72	67.74 5.25 0.00	74.21 5.56 0.00	68.21 4.46 0.00	58.79 3.64 0.00	49.67 3.20 0.00	41.40 2.38 0.00

ATHENS_STG_1 23668	39.63 0.82 0.00	36.48 0.78 0.00	33.31 0.78 0.00	33.17 0.75 0.00	32.53 0.73 0.00	33.96 0.67 0.00	37.46 0.77 0.00	39.08 0.84 0.00	36.61 0.82 0.00	34.43 0.87 0.00	35.50 1.00 0.00	36.20 1.09 0.00	37.81 1.10 0.00	38.65 1.20 0.00	41.09 1.47 0.00	40.74 1.36 -0.39	47.75 1.57 0.00	57.87 1.85 0.00	64.23 1.75 0.00	70.30 1.64 0.00	65.15 1.40 0.00	56.31 1.16 0.00	47.53 1.07 0.00	39.88 0.86 0.00
ATHENS_STG_2 23670	39.63 0.82 0.00	36.48 0.78 0.00	33.31 0.78 0.00	33.17 0.75 0.00	32.53 0.73 0.00	33.96 0.67 0.00	37.46 0.77 0.00	39.08 0.84 0.00	36.61 0.82 0.00	34.43 0.87 0.00	35.50 1.00 0.00	36.20 1.09 0.00	37.81 1.10 0.00	38.65 1.20 0.00	41.09 1.47 0.00	40.74 1.36 -0.39	47.75 1.57 0.00	57.87 1.85 0.00	64.23 1.75 0.00	70.30 1.64 0.00	65.15 1.40 0.00	56.31 1.16 0.00	47.53 1.07 0.00	39.88 0.86 0.00
ATHENS_STG_3 23677	39.63 0.82 0.00	36.48 0.78 0.00	33.31 0.78 0.00	33.17 0.75 0.00	32.53 0.73 0.00	33.96 0.67 0.00	37.46 0.77 0.00	39.08 0.84 0.00	36.61 0.82 0.00	34.43 0.87 0.00	35.50 1.00 0.00	36.20 1.09 0.00	37.81 1.10 0.00	38.65 1.20 0.00	41.09 1.47 0.00	40.74 1.36 -0.39	47.75 1.57 0.00	57.87 1.85 0.00	64.23 1.75 0.00	70.30 1.64 0.00	65.15 1.40 0.00	56.31 1.16 0.00	47.53 1.07 0.00	39.88 0.86 0.00
AUBURN___LFGE 323710	38.66 -0.16 0.00	35.58 -0.11 0.00	32.34 -0.20 0.00	32.23 -0.19 0.00	31.64 -0.16 0.00	33.23 -0.07 0.00	36.51 -0.18 0.00	37.78 -0.46 0.00	35.46 -0.32 0.00	33.15 -0.40 0.00	34.05 -0.45 0.00	34.62 -0.49 0.00	36.27 -0.44 0.00	37.04 -0.41 0.00	39.07 -0.55 0.00	38.56 -0.43 0.00	45.53 -0.65 0.00	55.46 -0.56 0.00	62.24 -0.25 0.00	68.65 0.00 0.00	63.87 0.13 0.00	55.37 0.22 0.00	46.51 0.05 0.00	38.91 -0.12 0.00
BABYLON_RES_REC 323704	41.76 2.95 0.00	38.30 2.60 0.00	34.75 2.21 0.00	34.53 2.11 0.00	33.80 2.00 0.00	35.33 2.03 0.00	39.26 2.57 0.00	41.27 3.02 -0.01	39.05 3.26 -0.01	36.89 3.32 -0.01	41.42 3.55 -3.36	40.97 3.65 -2.21	43.76 3.78 -3.27	47.00 4.01 -5.54	51.20 4.52 -7.07	56.18 4.52 -12.67	56.69 5.49 -5.02	65.79 6.78 -2.99	73.04 6.69 -3.87	77.22 7.07 -1.49	72.13 5.86 -2.53	61.35 4.85 -1.35	50.93 4.46 -0.01	42.43 3.39 -0.01
BALL_HILL_WT_PWR 323825	35.78 -3.03 0.00	33.01 -2.68 0.00	30.09 -2.44 0.00	30.05 -2.37 0.00	29.54 -2.26 0.00	31.13 -2.16 0.00	33.50 -3.19 0.00	34.95 -3.29 0.00	33.03 -2.75 0.00	30.94 -2.62 0.00	31.74 -2.76 0.00	32.02 -3.09 0.00	33.70 -3.01 0.00	34.57 -2.88 0.00	36.45 -3.17 0.00	36.22 -2.77 0.00	40.75 -4.34 1.09	48.83 -5.10 2.10	54.07 -5.56 2.85	60.28 -5.49 2.88	56.34 -4.59 2.81	49.99 -3.53 1.64	42.59 -3.49 0.39	36.10 -2.93 0.00
BARON_WINDS___WT_PWR 323822	37.34 -1.47 0.00	34.44 -1.25 0.00	31.39 -1.14 0.00	31.35 -1.07 0.00	30.85 -0.95 0.00	32.47 -0.83 0.00	35.30 -1.39 0.00	36.41 -1.83 0.00	34.10 -1.68 0.00	31.88 -1.68 0.00	32.71 -1.80 0.00	33.15 -1.97 0.00	34.80 -1.91 0.00	35.70 -1.76 0.00	37.72 -1.90 0.00	37.35 -1.64 0.00	42.90 -2.54 0.73	51.75 -2.85 1.41	57.81 -2.75 1.93	64.45 -2.26 1.94	60.19 -1.66 1.90	52.89 -1.16 1.10	44.95 -1.25 0.26	37.97 -1.05 0.00
BARRETT_IC_1 23704	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BARRETT_IC_10 23701	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BARRETT_IC_11 23702	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BARRETT_IC_12 23703	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BARRETT_IC_2 23705	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BARRETT_IC_3 23706	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BARRETT_IC_4 23707	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BARRETT_IC_5 23708	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01

BARRETT_IC_6 23709	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BARRETT_IC_7 23710	41.37 2.56 0.00	37.94 2.25 0.00	34.48 1.95 0.00	34.27 1.85 0.00	33.58 1.78 0.00	35.10 1.80 0.00	38.93 2.24 0.00	41.11 2.87 0.00	38.61 2.83 0.00	36.44 2.89 0.00	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.73 4.04 -7.07	116.98 4.05 -73.94	97.81 4.99 -46.65	99.44 5.99 -37.42	116.83 6.00 -48.34	93.83 6.38 -18.79	100.92 5.42 -31.75	76.47 4.36 -16.96	50.23 3.76 0.00	42.26 3.24 0.00
BARRETT_IC_8 23711	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BARRETT_IC_9 23700	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BARRETT___1 23545	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BARRETT___2 23546	41.37 2.56 0.00	37.94 2.25 0.00	34.45 1.92 0.00	34.27 1.85 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.89 2.20 0.00	40.88 2.64 -0.01	38.62 2.83 -0.01	36.41 2.85 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	117.02 4.09 -73.94	97.81 4.99 -46.65	99.44 6.00 -37.42	116.77 5.94 -48.34	93.83 6.39 -18.79	100.85 5.36 -31.75	76.47 4.36 -16.96	50.32 3.85 -0.01	42.00 2.96 -0.01
BATAVIA___115KV_TB1 55881	36.68 -2.13 0.00	33.80 -1.89 0.00	30.71 -1.82 0.00	30.34 -2.07 0.00	30.11 -1.69 0.00	31.57 -1.73 0.00	34.31 -2.39 0.00	35.33 -2.91 0.00	33.60 -2.18 0.00	31.44 -2.11 0.00	32.19 -2.31 0.00	32.51 -2.60 0.00	34.18 -2.53 0.00	35.02 -2.43 0.00	36.85 -2.77 0.00	36.65 -2.34 0.00	41.71 -3.28 1.19	49.93 -3.81 2.29	55.69 -3.69 3.11	62.29 -3.23 3.14	58.13 -2.55 3.07	51.66 -1.71 1.78	44.13 -1.90 0.43	36.84 -2.19 0.00
BAYONEEC___CTG1 323682	40.79 1.98 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.76 1.46 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.15 2.36 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.12 3.84 -0.65	58.20 3.78 -15.43	61.66 4.66 -10.82	63.38 5.66 -1.70	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.85 3.70 0.00	49.71 3.25 0.00	41.44 2.42 0.00
BAYONEEC___CTG10 323750	40.79 1.98 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.76 1.46 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.15 2.36 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.12 3.84 -0.65	58.20 3.78 -15.43	61.66 4.66 -10.82	63.38 5.66 -1.70	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.85 3.70 0.00	49.71 3.25 0.00	41.44 2.42 0.00
BAYONEEC___CTG2 323683	40.79 1.98 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.76 1.46 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.15 2.36 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.12 3.84 -0.65	58.20 3.78 -15.43	61.66 4.66 -10.82	63.38 5.66 -1.70	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.85 3.70 0.00	49.71 3.25 0.00	41.44 2.42 0.00
BAYONEEC___CTG3 323684	40.79 1.98 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.76 1.46 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.15 2.36 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.12 3.84 -0.65	58.20 3.78 -15.43	61.66 4.66 -10.82	63.38 5.66 -1.70	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.85 3.70 0.00	49.71 3.25 0.00	41.44 2.42 0.00
BAYONEEC___CTG4 323685	40.79 1.98 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.76 1.46 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.15 2.36 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.12 3.84 -0.65	58.20 3.78 -15.43	61.66 4.66 -10.82	63.38 5.66 -1.70	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.85 3.70 0.00	49.71 3.25 0.00	41.44 2.42 0.00
BAYONEEC___CTG5 323686	40.79 1.98 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.76 1.46 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.15 2.36 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.12 3.84 -0.65	58.20 3.78 -15.43	61.66 4.66 -10.82	63.38 5.66 -1.70	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.85 3.70 0.00	49.71 3.25 0.00	41.44 2.42 0.00
BAYONEEC___CTG6 323687	40.79 1.98 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.76 1.46 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.15 2.36 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.12 3.84 -0.65	58.20 3.78 -15.43	61.66 4.66 -10.82	63.38 5.66 -1.70	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.85 3.70 0.00	49.71 3.25 0.00	41.44 2.42 0.00
BAYONEEC___CTG7 323688	40.79 1.98 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.76 1.46 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.15 2.36 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.12 3.84 -0.65	58.20 3.78 -15.43	61.66 4.66 -10.82	63.38 5.66 -1.70	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.85 3.70 0.00	49.71 3.25 0.00	41.44 2.42 0.00

BAYONEEC___CTG8 323689	40.79 1.98 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.76 1.46 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.15 2.36 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.12 3.84 -0.65	58.20 3.78 -15.43	61.66 4.66 -10.82	63.38 5.66 -1.70	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.85 3.70 0.00	49.71 3.25 0.00	41.44 2.42 0.00
BAYONEEC___CTG9 323749	40.79 1.98 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.76 1.46 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.15 2.36 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.12 3.84 -0.65	58.20 3.78 -15.43	61.66 4.66 -10.82	63.38 5.66 -1.70	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.85 3.70 0.00	49.71 3.25 0.00	41.44 2.42 0.00
BAYPORT_69_KV_BK 2 356364	42.27 3.45 0.00	38.80 3.11 0.00	35.20 2.67 0.00	34.95 2.53 0.00	34.22 2.42 0.00	35.83 2.53 0.00	39.81 3.12 0.00	42.18 3.94 0.00	39.65 3.86 0.00	37.58 4.03 0.00	42.07 4.21 -3.36	41.57 4.25 -2.21	44.31 4.33 -3.27	47.53 4.53 -5.54	51.72 5.03 -7.07	54.28 5.03 -10.26	55.79 6.23 -3.38	65.34 7.67 -1.64	72.29 7.69 -2.12	77.43 7.96 -0.81	71.63 6.50 -1.38	61.40 5.52 -0.73	51.29 4.83 0.00	43.36 4.33 0.00
BEACON___LESR 323632	39.47 0.66 0.00	36.55 0.86 0.00	33.38 0.84 0.00	33.23 0.81 0.00	32.59 0.80 0.00	34.10 0.80 0.00	37.57 0.88 0.00	39.04 0.80 0.00	36.22 0.43 0.00	33.93 0.37 0.00	34.95 0.45 0.00	35.71 0.60 0.00	37.26 0.55 0.00	38.02 0.56 0.00	40.34 0.71 0.00	39.77 0.78 0.00	47.15 0.97 0.00	57.08 1.06 0.00	63.61 1.13 0.00	69.75 1.10 0.00	64.83 1.08 0.00	56.03 0.88 0.00	47.30 0.84 0.00	39.65 0.62 0.00
BEAVER RIVER___HYD 24048	38.93 0.12 0.00	35.80 0.11 0.00	32.47 -0.06 0.00	32.45 0.03 0.00	31.89 0.10 0.00	33.63 0.33 0.00	36.91 0.22 0.00	38.09 -0.15 0.00	35.39 -0.39 0.00	32.88 -0.67 0.00	33.64 -0.86 0.00	34.13 -0.98 0.00	35.76 -0.95 0.00	36.22 -1.24 0.00	38.47 -1.15 0.00	37.94 -1.05 0.00	44.79 -1.38 0.00	54.62 -1.40 0.00	62.05 -0.43 0.00	69.27 0.62 0.00	64.57 0.83 0.00	55.76 0.61 0.00	46.93 0.46 0.00	39.41 0.39 0.00
BEEBEE_GT_13 23619	37.30 -1.51 0.00	34.30 -1.39 0.00	31.17 -1.37 0.00	30.99 -1.43 0.00	30.53 -1.27 0.00	32.03 -1.27 0.00	35.11 -1.58 0.00	36.29 -1.95 0.00	34.43 -1.36 0.00	32.28 -1.28 0.00	33.05 -1.45 0.00	33.50 -1.62 0.00	35.17 -1.54 0.00	35.96 -1.50 0.00	37.88 -1.74 0.00	37.43 -1.56 0.00	42.94 -1.99 1.25	51.37 -2.24 2.41	57.02 -2.19 3.28	63.42 -1.92 3.30	59.05 -1.47 3.23	52.28 -0.99 1.88	44.81 -1.21 0.45	37.42 -1.60 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.91 2.10 0.00	37.48 1.78 0.00	34.29 1.76 0.00	33.91 1.49 0.00	33.29 1.49 0.00	34.70 1.40 0.00	38.34 1.65 0.00	40.30 2.06 0.00	38.08 2.29 0.00	36.17 2.62 0.00	37.60 3.00 -0.10	38.35 3.16 -0.08	39.96 3.16 -0.10	41.14 3.52 -0.16	44.33 4.04 -0.66	58.67 4.09 -15.59	61.87 4.76 -10.94	63.74 5.99 -1.72	67.99 5.50 0.00	74.35 5.70 0.00	68.34 4.59 0.00	58.96 3.81 0.00	49.76 3.30 0.00	41.79 2.77 0.00
BETHLEHEM___GRP 23843	39.01 0.19 0.00	36.19 0.50 0.00	33.05 0.52 0.00	32.91 0.49 0.00	32.28 0.48 0.00	33.73 0.43 0.00	37.17 0.48 0.00	38.74 0.50 0.00	35.86 0.07 0.00	33.62 0.07 0.00	34.60 0.10 0.00	35.36 0.25 0.00	36.89 0.18 0.00	37.68 0.22 0.00	39.94 0.32 0.00	39.34 0.35 0.00	46.59 0.42 0.00	56.36 0.34 0.00	62.67 0.19 0.00	68.65 0.00 0.00	63.87 0.13 0.00	55.21 0.06 0.00	46.56 0.09 0.00	39.34 0.31 0.00
BETHLEHEM___GS1 323560	39.01 0.20 0.00	36.19 0.50 0.00	33.05 0.52 0.00	32.91 0.49 0.00	32.24 0.44 0.00	33.73 0.43 0.00	37.17 0.48 0.00	38.66 0.42 0.00	35.86 0.07 0.00	33.62 0.07 0.00	34.60 0.10 0.00	35.36 0.25 0.00	36.90 0.18 0.00	37.68 0.23 0.00	39.98 0.36 0.00	39.38 0.39 0.00	46.59 0.41 0.00	56.30 0.28 0.00	62.67 0.19 0.00	68.65 0.00 0.00	63.81 0.06 0.00	55.21 0.06 0.00	46.65 0.19 0.00	39.14 0.12 0.00
BETHLEHEM___GS2 323561	39.01 0.20 0.00	36.19 0.50 0.00	33.05 0.52 0.00	32.91 0.49 0.00	32.24 0.44 0.00	33.73 0.43 0.00	37.17 0.48 0.00	38.66 0.42 0.00	35.86 0.07 0.00	33.62 0.07 0.00	34.60 0.10 0.00	35.36 0.25 0.00	36.90 0.18 0.00	37.68 0.23 0.00	39.98 0.36 0.00	39.38 0.39 0.00	46.59 0.41 0.00	56.30 0.28 0.00	62.67 0.19 0.00	68.65 0.00 0.00	63.81 0.06 0.00	55.21 0.06 0.00	46.65 0.19 0.00	39.14 0.12 0.00
BETHLEHEM___GS3 323562	39.01 0.20 0.00	36.19 0.50 0.00	33.05 0.52 0.00	32.91 0.49 0.00	32.24 0.44 0.00	33.73 0.43 0.00	37.17 0.48 0.00	38.66 0.42 0.00	35.86 0.07 0.00	33.62 0.07 0.00	34.60 0.10 0.00	35.36 0.25 0.00	36.90 0.18 0.00	37.68 0.23 0.00	39.98 0.36 0.00	39.38 0.39 0.00	46.59 0.41 0.00	56.30 0.28 0.00	62.67 0.19 0.00	68.65 0.00 0.00	63.81 0.06 0.00	55.21 0.06 0.00	46.65 0.19 0.00	39.14 0.12 0.00
BETHLEHEM___STEEL 23779	35.71 -3.10 0.00	32.94 -2.75 0.00	29.93 -2.60 0.00	29.66 -2.76 0.00	29.35 -2.45 0.00	30.77 -2.53 0.00	33.35 -3.34 0.00	34.38 -3.86 0.00	32.81 -2.97 0.00	30.80 -2.75 0.00	31.64 -2.86 0.00	31.92 -3.20 0.00	33.59 -3.12 0.00	34.46 -3.00 0.00	36.26 -3.37 0.00	36.10 -2.89 0.00	40.55 -4.53 1.10	48.41 -5.49 2.12	53.79 -5.81 2.89	59.84 -5.90 2.91	55.93 -4.97 2.85	49.75 -3.75 1.65	42.49 -3.58 0.39	35.94 -3.08 0.00
BETHLHEM_115KV_TB1 79974	39.08 0.27 0.00	36.19 0.50 0.00	33.08 0.55 0.00	32.94 0.52 0.00	32.31 0.51 0.00	33.76 0.47 0.00	37.21 0.51 0.00	38.78 0.54 0.00	35.93 0.14 0.00	33.69 0.13 0.00	34.71 0.21 0.00	35.43 0.32 0.00	37.00 0.29 0.00	37.75 0.30 0.00	40.06 0.44 0.00	39.42 0.43 0.00	46.68 0.51 0.00	56.47 0.45 0.00	62.86 0.37 0.00	68.86 0.21 0.00	64.00 0.25 0.00	55.37 0.22 0.00	46.69 0.23 0.00	39.41 0.39 0.00
BETHPAGE_CC_5 323564	41.68 2.87 0.00	38.19 2.50 0.00	34.68 2.15 0.00	34.50 2.08 0.00	33.74 1.94 0.00	35.26 1.96 0.00	39.15 2.46 0.00	41.19 2.94 -0.01	38.94 3.15 -0.01	36.78 3.22 -0.01	41.35 3.48 -3.36	40.90 3.58 -2.21	43.73 3.75 -3.27	46.93 3.93 -5.54	51.13 4.44 -7.07	57.51 4.48 -14.04	57.48 5.35 -5.95	66.34 6.55 -3.76	73.85 6.50 -4.86	77.39 6.86 -1.88	72.60 5.67 -3.18	61.53 4.69 -1.70	50.74 4.27 -0.01	42.31 3.28 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.71 -3.10 0.00	32.94 -2.75 0.00	29.93 -2.60 0.00	29.66 -2.76 0.00	29.38 -2.42 0.00	30.77 -2.53 0.00	33.39 -3.30 0.00	34.42 -3.82 0.00	32.85 -2.93 0.00	30.80 -2.75 0.00	31.64 -2.86 0.00	31.92 -3.20 0.00	33.63 -3.08 0.00	34.50 -2.96 0.00	36.29 -3.33 0.00	36.14 -2.85 0.00	40.51 -4.57 1.09	48.37 -5.55 2.10	53.75 -5.87 2.86	59.86 -5.90 2.88	55.89 -5.04 2.82	49.71 -3.81 1.64	42.40 -3.67 0.39	35.98 -3.04 0.00

BINGHAMTON___COGEN 23790	38.85 0.04 0.00	35.80 0.11 0.00	32.56 0.03 0.00	32.45 0.03 0.00	31.86 0.06 0.00	33.43 0.13 0.00	36.73 0.04 0.00	38.09 -0.15 0.00	35.71 -0.07 0.00	33.49 -0.07 0.00	34.43 -0.07 0.00	34.97 -0.14 0.00	36.64 -0.07 0.00	37.49 0.04 0.00	39.62 0.00 0.00	39.11 0.12 0.00	45.80 -0.09 0.29	55.52 0.06 0.55	61.86 0.12 0.75	68.23 0.34 0.76	63.45 0.45 0.74	55.16 0.44 0.43	46.59 0.23 0.10	39.22 0.20 0.00
BIXINCNT_115KV_LOAD 355685	35.44 -3.38 0.00	32.66 -3.03 0.00	29.73 -2.80 0.00	29.53 -2.89 0.00	29.25 -2.54 0.00	30.73 -2.56 0.00	33.39 -3.30 0.00	34.42 -3.82 0.00	32.78 -3.01 0.00	30.84 -2.72 0.00	31.67 -2.83 0.00	31.92 -3.20 0.00	33.59 -3.12 0.00	34.46 -3.00 0.00	36.37 -3.25 0.00	36.26 -2.73 0.00	40.37 -4.76 1.04	48.18 -5.83 2.01	53.56 -6.19 2.74	59.64 -6.25 2.76	55.75 -5.29 2.71	49.50 -4.08 1.57	42.14 -3.95 0.37	36.10 -2.93 0.00
BLACK RIVER___HYD 24047	39.43 0.62 0.00	36.26 0.57 0.00	32.86 0.33 0.00	32.84 0.42 0.00	32.24 0.44 0.00	34.06 0.77 0.00	37.39 0.70 0.00	38.47 0.23 0.00	35.71 -0.07 0.00	33.15 -0.40 0.00	33.91 -0.59 0.00	34.41 -0.70 0.00	36.05 -0.66 0.00	36.60 -0.86 0.00	38.79 -0.83 0.00	38.29 -0.70 0.00	45.25 -0.92 0.00	55.24 -0.78 0.00	62.93 0.44 0.00	70.57 1.92 0.00	65.91 2.17 0.00	56.86 1.71 0.00	47.67 1.21 0.00	40.04 1.01 0.00
BLACKRVR_115KV_TB2 79977	39.43 0.62 0.00	36.26 0.57 0.00	32.86 0.33 0.00	32.78 0.36 0.00	32.24 0.45 0.00	34.03 0.73 0.00	37.39 0.70 0.00	38.43 0.19 0.00	35.71 -0.07 0.00	33.15 -0.40 0.00	33.91 -0.59 0.00	34.41 -0.70 0.00	36.05 -0.66 0.00	36.59 -0.86 0.00	38.79 -0.83 0.00	38.29 -0.70 0.00	45.25 -0.92 0.00	55.24 -0.78 0.00	62.92 0.44 0.00	70.57 1.92 0.00	65.91 2.17 0.00	56.86 1.71 0.00	47.72 1.25 0.00	39.92 0.90 0.00
BLISS_WT_PWR 323608	35.32 -3.49 0.00	32.59 -3.11 0.00	29.73 -2.80 0.00	29.76 -2.66 0.00	29.32 -2.48 0.00	30.97 -2.33 0.00	33.35 -3.34 0.00	34.72 -3.52 0.00	32.89 -2.90 0.00	30.80 -2.75 0.00	31.67 -2.83 0.00	31.88 -3.23 0.00	33.55 -3.16 0.00	34.46 -3.00 0.00	36.41 -3.21 0.00	36.26 -2.73 0.00	40.38 -4.76 1.04	48.29 -5.71 2.01	53.49 -6.25 2.74	59.71 -6.18 2.76	55.82 -5.23 2.71	49.50 -4.08 1.57	42.51 -3.58 0.37	36.10 -2.93 0.00
BLUESTONE___WT_PWR 323821	40.13 1.32 0.00	36.91 1.21 0.00	33.54 1.01 0.00	33.49 1.07 0.00	32.82 1.02 0.00	34.56 1.26 0.00	37.61 0.92 0.00	38.89 0.65 0.00	36.25 0.46 0.00	33.79 0.24 0.00	34.54 0.03 0.00	34.97 -0.14 0.00	36.64 -0.07 0.00	37.46 0.00 0.00	39.78 0.16 0.00	39.22 0.24 0.00	46.26 0.33 0.24	56.56 1.01 0.47	63.72 1.87 0.63	70.89 2.88 0.64	65.99 2.87 0.63	57.33 2.54 0.36	48.33 1.95 0.09	40.59 1.56 0.00
BLUE_CIRC_CHEM_DRP 24182	39.55 0.74 0.00	36.51 0.82 0.00	33.35 0.81 0.00	33.23 0.81 0.00	32.56 0.76 0.00	34.06 0.77 0.00	37.43 0.73 0.00	38.89 0.65 0.00	36.07 0.29 0.00	33.79 0.23 0.00	34.78 0.28 0.00	35.50 0.39 0.00	37.08 0.37 0.00	37.83 0.37 0.00	40.14 0.52 0.00	39.53 0.55 0.00	46.87 0.69 0.00	56.80 0.78 0.00	63.42 0.94 0.00	69.68 1.03 0.00	64.83 1.08 0.00	56.09 0.94 0.00	47.25 0.79 0.00	39.84 0.82 0.00
BOC_GAS_DRP 24189	39.28 0.47 0.00	36.23 0.54 0.00	33.08 0.55 0.00	32.97 0.55 0.00	32.31 0.51 0.00	33.80 0.50 0.00	37.21 0.51 0.00	38.81 0.57 0.00	36.14 0.36 0.00	33.92 0.37 0.00	34.95 0.45 0.00	35.64 0.53 0.00	37.23 0.51 0.00	38.02 0.56 0.00	40.34 0.71 0.00	39.69 0.70 0.00	47.01 0.83 0.00	56.92 0.90 0.00	63.30 0.81 0.00	69.34 0.69 0.00	64.38 0.64 0.00	55.70 0.55 0.00	46.97 0.51 0.00	39.57 0.55 0.00
BOONVILLE_115KV_TB1 79983	39.39 0.58 0.00	36.23 0.54 0.00	32.92 0.39 0.00	32.81 0.39 0.00	32.28 0.48 0.00	33.96 0.67 0.00	37.35 0.66 0.00	38.62 0.38 0.00	36.00 0.21 0.00	33.52 -0.03 0.00	34.36 -0.14 0.00	34.90 -0.21 0.00	36.53 -0.18 0.00	37.16 -0.30 0.00	39.46 -0.16 0.00	38.83 -0.16 0.00	45.94 -0.23 0.00	56.02 0.00 0.00	63.24 0.75 0.00	70.30 1.65 0.00	65.47 1.72 0.00	56.53 1.38 0.00	47.48 1.02 0.00	39.80 0.78 0.00
BORALEX_4TH_BRANCH 23824	40.09 1.28 0.00	36.91 1.21 0.00	33.74 1.20 0.00	33.59 1.17 0.00	32.94 1.14 0.00	34.46 1.17 0.00	37.90 1.21 0.00	39.50 1.26 0.00	36.72 0.93 0.00	34.43 0.87 0.00	35.40 0.90 0.00	36.13 1.02 0.00	37.70 0.99 0.00	38.47 1.01 0.00	40.81 1.19 0.00	40.20 1.21 0.00	47.75 1.57 0.00	57.64 1.62 0.00	64.05 1.56 0.00	69.82 1.17 0.00	65.47 1.72 0.00	56.75 1.60 0.00	47.90 1.44 0.00	40.31 1.29 0.00
BOWLINE___1 23526	40.37 1.55 0.00	37.12 1.43 0.00	33.87 1.33 0.00	33.72 1.30 0.00	33.04 1.24 0.00	34.46 1.16 0.00	38.16 1.47 0.00	39.96 1.72 0.00	37.61 1.82 0.00	35.50 1.95 0.00	36.71 2.21 0.00	37.43 2.32 0.00	39.10 2.38 0.00	40.08 2.62 0.00	42.72 3.09 0.00	44.50 3.04 -2.47	49.96 3.79 0.00	60.67 4.65 0.00	66.79 4.31 0.00	73.18 4.53 0.00	67.38 3.63 0.00	58.13 2.98 0.00	49.06 2.60 0.00	40.94 1.91 0.00
BOWLINE___2 23595	40.37 1.55 0.00	37.12 1.43 0.00	33.87 1.33 0.00	33.72 1.30 0.00	33.04 1.24 0.00	34.46 1.16 0.00	38.16 1.47 0.00	39.96 1.72 0.00	37.61 1.82 0.00	35.50 1.95 0.00	36.71 2.21 0.00	37.43 2.32 0.00	39.10 2.38 0.00	40.08 2.62 0.00	42.72 3.09 0.00	44.49 3.04 -2.46	49.96 3.79 0.00	60.67 4.65 0.00	66.79 4.31 0.00	73.18 4.53 0.00	67.38 3.63 0.00	58.13 2.98 0.00	49.06 2.60 0.00	40.94 1.91 0.00
BRADY___115KV_TB2 356060	38.73 -0.08 0.00	35.58 -0.11 0.00	32.34 -0.20 0.00	32.26 -0.16 0.00	31.67 -0.13 0.00	33.20 -0.10 0.00	36.55 -0.15 0.00	37.93 -0.31 0.00	35.39 -0.39 0.00	33.05 -0.50 0.00	33.88 -0.62 0.00	34.37 -0.74 0.00	35.94 -0.77 0.00	36.56 -0.90 0.00	38.67 -0.95 0.00	38.05 -0.94 0.00	45.21 -0.97 0.00	54.84 -1.18 0.00	61.67 -0.81 0.00	68.31 -0.34 0.00	63.49 -0.25 0.00	54.93 -0.22 0.00	46.32 -0.14 0.00	38.98 -0.04 0.00
BRANSCOMB___SOLAR 323811	40.05 1.24 0.00	36.91 1.21 0.00	33.70 1.17 0.00	33.55 1.13 0.00	32.91 1.11 0.00	34.46 1.16 0.00	37.90 1.21 0.00	39.23 0.99 0.00	36.32 0.54 0.00	33.96 0.40 0.00	34.78 0.27 0.00	35.64 0.53 0.00	37.08 0.37 0.00	37.72 0.26 0.00	40.02 0.40 0.00	39.57 0.59 0.00	47.05 0.88 0.00	57.08 1.06 0.00	64.30 1.81 0.00	70.57 1.92 0.00	66.04 2.29 0.00	57.14 1.98 0.00	48.04 1.58 0.00	40.24 1.21 0.00
BRDGHMPT_69_KV_BK1 55812	42.85 4.04 0.00	39.44 3.75 0.00	35.72 3.19 0.00	35.47 3.05 0.00	34.76 2.96 0.00	36.36 3.06 0.00	40.40 3.71 0.00	42.87 4.63 0.00	40.33 4.54 0.00	38.32 4.76 0.00	42.83 4.97 -3.36	42.20 4.88 -2.21	44.97 4.99 -3.27	48.16 5.17 -5.54	52.43 5.75 -7.07	54.56 5.69 -9.88	56.41 7.11 -3.12	66.41 8.96 -1.43	73.39 9.06 -1.84	78.83 9.47 -0.71	72.59 7.65 -1.20	62.19 6.40 -0.64	51.94 5.48 0.00	44.14 5.11 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	42.03 3.22 0.00	38.51 2.82 0.00	34.97 2.44 0.00	34.72 2.30 0.00	34.02 2.23 0.00	35.60 2.30 0.00	39.52 2.83 0.00	41.83 3.59 0.00	39.29 3.51 0.00	37.18 3.62 0.00	41.69 3.83 -3.36	41.22 3.90 -2.21	43.98 4.00 -3.27	47.23 4.23 -5.54	51.40 4.72 -7.07	54.01 4.68 -10.34	55.34 5.73 -3.44	64.60 6.89 -1.69	71.54 6.87 -2.18	76.63 7.14 -0.84	71.03 5.86 -1.42	60.93 5.02 -0.75	51.02 4.55 0.00	43.00 3.98 0.00
BRISTLHL_115KV_TB1 79998	38.07 -0.74 0.00	35.05 -0.64 0.00	31.91 -0.62 0.00	31.80 -0.62 0.00	31.19 -0.60 0.00	32.73 -0.57 0.00	36.03 -0.66 0.00	37.40 -0.84 0.00	35.11 -0.68 0.00	32.85 -0.70 0.00	33.78 -0.72 0.00	34.34 -0.77 0.00	35.94 -0.77 0.00	36.67 -0.79 0.00	38.67 -0.95 0.00	38.05 -0.94 0.00	45.84 -1.20 -0.87	56.35 -1.34 -1.67	63.39 -1.37 -2.28	69.64 -1.30 -2.29	64.84 -1.15 -2.24	55.46 -0.99 -1.30	45.89 -0.88 -0.31	38.20 -0.82 0.00
BROOKHAVEN___DRP 24191	41.84 3.03 0.00	38.51 2.82 0.00	34.94 2.41 0.00	34.69 2.27 0.00	33.96 2.16 0.00	35.56 2.26 0.00	39.52 2.83 0.00	41.80 3.56 0.00	39.29 3.51 0.00	37.28 3.72 0.00	41.69 3.83 -3.36	41.11 3.79 -2.21	43.80 3.82 -3.27	46.93 3.93 -5.54	51.05 4.36 -7.07	53.19 4.33 -9.87	54.65 5.36 -3.12	64.11 6.67 -1.42	70.88 6.56 -1.83	76.15 6.80 -0.70	70.36 5.42 -1.19	60.31 4.52 -0.63	50.60 4.14 0.00	43.00 3.98 0.00
BROOKLYN_NAVY_YARD 23515	40.71 1.90 0.00	37.37 1.68 0.00	34.16 1.63 0.00	33.98 1.56 0.00	33.32 1.53 0.00	34.70 1.40 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.18 2.40 0.00	36.10 2.55 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.12 3.84 -0.65	58.20 3.78 -15.43	61.71 4.71 -10.82	63.44 5.72 -1.70	67.86 5.37 0.00	74.35 5.69 0.00	68.34 4.59 0.00	58.91 3.75 0.00	49.71 3.25 0.00	41.44 2.42 0.00
BROOKLYN___ARMY_DRP 323595	40.75 1.94 0.00	37.33 1.64 0.00	34.19 1.66 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.20 1.50 0.00	40.15 1.91 0.00	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.13 3.84 -0.66	58.48 3.90 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	68.02 4.27 0.00	58.68 3.53 0.00	49.53 3.07 0.00	41.60 2.58 0.00
BROOME_2_LFGE 323671	38.85 0.04 0.00	35.80 0.11 0.00	32.60 0.07 0.00	32.48 0.06 0.00	31.86 0.06 0.00	33.46 0.17 0.00	36.73 0.04 0.00	38.13 -0.11 0.00	35.75 -0.04 0.00	33.49 -0.07 0.00	34.43 -0.07 0.00	34.97 -0.14 0.00	36.64 -0.07 0.00	37.49 0.04 0.00	39.62 0.00 0.00	39.11 0.12 0.00	45.80 -0.09 0.29	55.52 0.06 0.55	61.86 0.13 0.75	68.30 0.41 0.76	63.45 0.45 0.74	55.16 0.44 0.43	46.64 0.28 0.10	39.22 0.20 0.00
BROOME___LFGE 323600	38.85 0.04 0.00	35.80 0.11 0.00	32.60 0.07 0.00	32.48 0.06 0.00	31.86 0.06 0.00	33.46 0.17 0.00	36.73 0.04 0.00	38.13 -0.11 0.00	35.75 -0.04 0.00	33.49 -0.07 0.00	34.43 -0.07 0.00	34.97 -0.14 0.00	36.64 -0.07 0.00	37.49 0.04 0.00	39.62 0.00 0.00	39.11 0.12 0.00	45.80 -0.09 0.29	55.52 0.06 0.55	61.86 0.13 0.75	68.30 0.41 0.76	63.45 0.45 0.74	55.16 0.44 0.43	46.64 0.28 0.10	39.22 0.20 0.00
BROWNFLS_115KV_TB_3_5 80003	38.27 -0.54 0.00	35.16 -0.54 0.00	31.95 -0.59 0.00	31.87 -0.55 0.00	31.35 -0.45 0.00	32.96 -0.33 0.00	36.18 -0.51 0.00	37.44 -0.80 0.00	34.89 -0.89 0.00	32.45 -1.11 0.00	33.22 -1.28 0.00	33.74 -1.37 0.00	35.28 -1.43 0.00	35.81 -1.65 0.00	38.00 -1.62 0.00	37.39 -1.60 0.00	44.24 -1.94 0.00	53.84 -2.18 0.00	60.86 -1.62 0.00	67.76 -0.89 0.00	63.05 -0.70 0.00	54.49 -0.66 0.00	45.95 -0.51 0.00	38.63 -0.39 0.00
BROWNSV1_27_KV_LOAD 356125	41.10 2.29 0.00	37.73 2.03 0.00	34.48 1.95 0.00	34.24 1.82 0.00	33.64 1.84 0.00	35.06 1.76 0.00	38.82 2.13 0.00	40.80 2.56 0.00	38.47 2.68 0.00	36.37 2.82 0.00	37.74 3.14 -0.10	38.46 3.27 -0.08	40.18 3.38 -0.10	41.29 3.67 -0.16	44.44 4.16 -0.65	58.55 4.13 -15.43	62.12 5.13 -10.82	64.00 6.27 -1.70	68.49 6.00 0.00	75.03 6.38 0.00	68.97 5.23 0.00	59.40 4.25 0.00	50.04 3.58 0.00	42.07 3.04 0.00
BURROWS___LYONSDAL 23803	39.28 0.47 0.00	36.12 0.43 0.00	32.82 0.29 0.00	32.71 0.29 0.00	32.21 0.41 0.00	33.90 0.60 0.00	37.24 0.55 0.00	38.51 0.27 0.00	35.86 0.07 0.00	33.35 -0.20 0.00	34.19 -0.31 0.00	34.69 -0.42 0.00	36.34 -0.37 0.00	36.89 -0.56 0.00	39.23 -0.40 0.00	38.60 -0.39 0.00	45.62 -0.55 0.00	55.63 -0.39 0.00	62.99 0.50 0.00	70.02 1.37 0.00	65.21 1.47 0.00	56.37 1.21 0.00	47.35 0.88 0.00	39.69 0.66 0.00
CAITHNESS_CC_1 323624	41.76 2.95 0.00	38.44 2.75 0.00	34.84 2.31 0.00	34.63 2.21 0.00	33.90 2.10 0.00	35.40 2.10 0.00	39.34 2.64 0.00	41.31 3.06 -0.01	39.23 3.44 -0.01	37.19 3.63 -0.01	41.63 3.76 -3.36	41.08 3.76 -2.21	43.73 3.75 -3.27	46.89 3.90 -5.54	51.05 4.36 -7.07	53.10 4.25 -9.86	54.55 5.26 -3.11	63.99 6.55 -1.42	70.62 6.31 -1.83	75.94 6.59 -0.70	70.22 5.29 -1.19	60.25 4.47 -0.63	50.74 4.27 -0.01	42.39 3.36 -0.01
CALPINE BETH_PAGE_GT4 24209	41.64 2.83 0.00	38.19 2.50 0.00	34.68 2.15 0.00	34.46 2.04 0.00	33.77 1.97 0.00	35.30 2.00 0.00	39.19 2.50 0.00	41.41 3.17 0.00	38.93 3.15 0.00	36.78 3.22 0.00	41.31 3.45 -3.36	40.90 3.58 -2.21	43.69 3.71 -3.27	46.89 3.90 -5.54	51.05 4.36 -7.07	59.78 4.41 -16.39	58.98 5.26 -7.54	67.49 6.39 -5.08	75.42 6.37 -6.56	77.85 6.66 -2.54	73.59 5.55 -4.30	61.97 4.52 -2.29	50.55 4.09 0.00	42.61 3.59 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.64 2.83 0.00	38.19 2.50 0.00	34.68 2.15 0.00	34.46 2.04 0.00	33.74 1.94 0.00	35.23 1.93 0.00	39.15 2.46 0.00	41.19 2.94 -0.01	38.94 3.15 -0.01	36.75 3.19 -0.01	41.31 3.45 -3.36	40.90 3.58 -2.21	43.69 3.71 -3.27	46.89 3.90 -5.54	51.09 4.40 -7.07	59.82 4.44 -16.39	58.98 5.26 -7.54	67.49 6.38 -5.08	75.36 6.31 -6.56	77.85 6.66 -2.54	73.59 5.54 -4.30	61.97 4.52 -2.29	50.70 4.23 -0.01	42.31 3.28 -0.01
CALPINE_BP_GT1 23823	41.64 2.83 0.00	38.19 2.50 0.00	34.68 2.15 0.00	34.46 2.04 0.00	33.74 1.94 0.00	35.23 1.93 0.00	39.15 2.46 0.00	41.19 2.94 -0.01	38.94 3.15 -0.01	36.75 3.19 -0.01	41.31 3.45 -3.36	40.90 3.58 -2.21	43.69 3.71 -3.27	46.89 3.90 -5.54	51.09 4.40 -7.07	59.82 4.44 -16.39	58.98 5.26 -7.54	67.49 6.38 -5.08	75.36 6.31 -6.56	77.85 6.66 -2.54	73.59 5.54 -4.30	61.97 4.52 -2.29	50.70 4.23 -0.01	42.31 3.28 -0.01
CALSPAN___DRP 24200	35.71 -3.10 0.00	32.94 -2.75 0.00	29.93 -2.60 0.00	29.66 -2.76 0.00	29.35 -2.45 0.00	30.77 -2.53 0.00	33.35 -3.34 0.00	34.38 -3.86 0.00	32.81 -2.97 0.00	30.80 -2.75 0.00	31.64 -2.86 0.00	31.92 -3.20 0.00	33.59 -3.12 0.00	34.46 -3.00 0.00	36.26 -3.37 0.00	36.10 -2.89 0.00	40.55 -4.53 1.10	48.41 -5.49 2.12	53.79 -5.81 2.89	59.84 -5.90 2.91	55.93 -4.97 2.85	49.75 -3.75 1.65	42.49 -3.58 0.39	35.94 -3.08 0.00

CALVERTON___SOLAR 323806	41.95 3.14 0.00	38.62 2.93 0.00	35.00 2.47 0.00	34.82 2.40 0.00	34.06 2.26 0.00	35.59 2.30 0.00	39.56 2.86 0.00	41.50 3.25 -0.01	39.44 3.65 -0.01	37.42 3.86 -0.01	41.83 3.97 -3.36	41.22 3.90 -2.21	43.87 3.89 -3.27	47.04 4.05 -5.54	51.20 4.52 -7.07	53.27 4.40 -9.87	54.79 5.49 -3.12	64.33 6.89 -1.42	71.07 6.75 -1.84	76.43 7.07 -0.70	70.55 5.61 -1.19	60.53 4.74 -0.63	50.98 4.51 -0.01	42.62 3.59 -0.01
CANDIGU_WT_PWR 323617	37.34 -1.47 0.00	34.44 -1.25 0.00	31.39 -1.14 0.00	31.35 -1.07 0.00	30.85 -0.95 0.00	32.47 -0.83 0.00	35.30 -1.39 0.00	36.41 -1.83 0.00	34.10 -1.68 0.00	31.88 -1.68 0.00	32.71 -1.80 0.00	33.15 -1.97 0.00	34.80 -1.91 0.00	35.70 -1.76 0.00	37.72 -1.90 0.00	37.35 -1.64 0.00	42.90 -2.54 0.73	51.75 -2.85 1.41	57.81 -2.75 1.93	64.45 -2.26 1.94	60.19 -1.66 1.90	52.89 -1.16 1.10	44.95 -1.25 0.26	37.97 -1.05 0.00
CARR STREET_E_SYR 24060	38.35 -0.46 0.00	35.27 -0.43 0.00	32.11 -0.42 0.00	32.03 -0.39 0.00	31.42 -0.38 0.00	32.96 -0.33 0.00	36.25 -0.44 0.00	37.70 -0.54 0.00	35.32 -0.47 0.00	33.09 -0.47 0.00	34.02 -0.48 0.00	34.59 -0.53 0.00	36.23 -0.48 0.00	36.97 -0.49 0.00	38.95 -0.67 0.00	38.36 -0.63 0.00	44.83 -0.83 0.51	54.13 -0.90 0.99	60.26 -0.87 1.35	66.54 -0.75 1.36	61.78 -0.64 1.33	53.83 -0.55 0.77	45.63 -0.65 0.18	38.63 -0.39 0.00
CARTHAGE___PAPER 23857	39.16 0.35 0.00	36.01 0.32 0.00	32.66 0.13 0.00	32.62 0.20 0.00	32.05 0.25 0.00	33.83 0.53 0.00	37.13 0.44 0.00	38.28 0.04 0.00	35.54 -0.25 0.00	32.98 -0.57 0.00	33.74 -0.76 0.00	34.24 -0.88 0.00	35.87 -0.84 0.00	36.37 -1.09 0.00	38.59 -1.03 0.00	38.05 -0.94 0.00	45.02 -1.15 0.00	54.90 -1.12 0.00	62.42 -0.06 0.00	69.95 1.30 0.00	65.21 1.47 0.00	56.31 1.16 0.00	47.30 0.84 0.00	39.73 0.70 0.00
CASSADAGA_WT_PWR 323784	36.09 -2.72 0.00	33.23 -2.46 0.00	30.32 -2.21 0.00	30.28 -2.14 0.00	29.86 -1.94 0.00	31.53 -1.77 0.00	34.02 -2.68 0.00	35.45 -2.79 0.00	33.46 -2.33 0.00	31.34 -2.22 0.00	32.19 -2.31 0.00	32.41 -2.70 0.00	34.14 -2.57 0.00	35.02 -2.43 0.00	36.93 -2.70 0.00	36.77 -2.22 0.00	41.24 -3.88 1.05	49.50 -4.48 2.03	54.91 -4.81 2.77	61.26 -4.60 2.79	57.19 -3.82 2.73	50.76 -2.81 1.59	43.30 -2.79 0.38	36.72 -2.30 0.00
CE_DUNWOOD___DRP 24194	40.56 1.75 0.00	37.30 1.61 0.00	34.06 1.53 0.00	33.88 1.46 0.00	33.23 1.43 0.00	34.70 1.40 0.00	38.34 1.65 0.00	40.27 2.03 0.00	37.82 2.04 0.00	35.74 2.18 0.00	36.95 2.45 0.00	37.67 2.56 0.00	39.35 2.64 0.00	40.38 2.92 0.00	42.99 3.37 0.00	43.96 3.35 -1.61	50.33 4.16 0.00	61.12 5.10 0.00	67.30 4.81 0.00	73.66 5.01 0.00	67.83 4.08 0.00	58.41 3.25 0.00	49.25 2.79 0.00	41.40 2.38 0.00
CE_MILLWOOD___DRP 24193	40.52 1.71 0.00	37.23 1.53 0.00	34.03 1.50 0.00	33.81 1.39 0.00	33.17 1.37 0.00	34.63 1.33 0.00	38.31 1.61 0.00	40.19 1.95 0.00	37.75 1.97 0.00	35.64 2.08 0.00	36.85 2.35 0.00	37.57 2.46 0.00	39.24 2.53 0.00	40.26 2.81 0.00	42.87 3.25 0.00	43.94 3.20 -1.76	50.19 4.02 0.00	60.95 4.93 0.00	67.11 4.62 0.00	73.52 4.87 0.00	67.63 3.89 0.00	58.30 3.14 0.00	49.16 2.69 0.00	41.33 2.30 0.00
CE_NYC2_DRP 24202	40.75 1.94 0.00	37.41 1.71 0.00	34.29 1.76 0.00	34.04 1.62 0.00	33.42 1.62 0.00	34.83 1.53 0.00	38.45 1.76 0.00	40.42 2.18 0.00	38.11 2.33 0.00	36.11 2.55 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	63.34 5.60 -1.72	67.67 5.19 0.00	74.00 5.35 0.00	68.02 4.27 0.00	58.68 3.53 0.00	49.58 3.11 0.00	41.72 2.69 0.00
CE_NYC_DRP 24195	40.83 2.02 0.00	37.48 1.78 0.00	34.29 1.76 0.00	34.04 1.62 0.00	33.45 1.65 0.00	34.86 1.56 0.00	38.60 1.91 0.00	40.53 2.29 0.00	38.18 2.40 0.00	36.11 2.55 0.00	37.46 2.86 -0.10	38.21 3.02 -0.08	39.93 3.12 -0.09	40.99 3.37 -0.16	44.12 3.84 -0.65	58.21 3.82 -15.40	61.72 4.76 -10.79	63.49 5.77 -1.70	67.99 5.50 0.00	74.42 5.77 0.00	68.46 4.72 0.00	58.96 3.81 0.00	49.71 3.25 0.00	41.79 2.77 0.00
CHAFFEE___LFGE 323603	35.71 -3.11 0.00	32.94 -2.75 0.00	30.03 -2.50 0.00	29.95 -2.47 0.00	29.48 -2.32 0.00	31.07 -2.23 0.00	33.39 -3.30 0.00	34.84 -3.40 0.00	32.96 -2.83 0.00	30.80 -2.75 0.00	31.64 -2.86 0.00	31.92 -3.19 0.00	33.63 -3.08 0.00	34.50 -2.96 0.00	36.41 -3.21 0.00	36.18 -2.81 0.00	40.63 -4.48 1.07	48.69 -5.27 2.07	53.99 -5.69 2.82	60.19 -5.63 2.84	56.19 -4.78 2.78	49.85 -3.69 1.61	42.45 -3.62 0.38	36.06 -2.97 0.00
CHATEAUG_35_KV_LOAD 355732	38.62 -0.19 0.00	35.48 -0.21 0.00	32.30 -0.23 0.00	32.19 -0.23 0.00	31.58 -0.22 0.00	33.03 -0.27 0.00	36.44 -0.26 0.00	37.97 -0.27 0.00	35.50 -0.29 0.00	33.15 -0.40 0.00	33.95 -0.55 0.00	34.41 -0.70 0.00	35.94 -0.77 0.00	36.56 -0.90 0.00	38.67 -0.95 0.00	38.05 -0.94 0.00	45.21 -0.97 0.00	54.90 -1.12 0.00	61.74 -0.75 0.00	68.10 -0.55 0.00	63.05 -0.70 0.00	54.49 -0.66 0.00	45.95 -0.51 0.00	38.67 -0.35 0.00
CHATEAUG_WT_PWR 323614	38.58 -0.23 0.00	35.44 -0.25 0.00	32.24 -0.29 0.00	32.16 -0.26 0.00	31.54 -0.26 0.00	33.00 -0.30 0.00	36.40 -0.29 0.00	37.93 -0.31 0.00	35.50 -0.29 0.00	33.19 -0.37 0.00	33.98 -0.52 0.00	34.48 -0.63 0.00	36.01 -0.70 0.00	36.63 -0.82 0.00	38.71 -0.91 0.00	38.13 -0.86 0.00	45.30 -0.88 0.00	54.95 -1.07 0.00	61.67 -0.81 0.00	67.96 -0.69 0.00	62.92 -0.83 0.00	54.43 -0.72 0.00	45.95 -0.51 0.00	38.63 -0.39 0.00
CHAT_HIGH_FALL_HYD 323578	38.62 -0.19 0.00	35.48 -0.21 0.00	32.30 -0.23 0.00	32.19 -0.23 0.00	31.58 -0.22 0.00	33.03 -0.27 0.00	36.44 -0.26 0.00	37.97 -0.27 0.00	35.50 -0.29 0.00	33.15 -0.40 0.00	33.95 -0.55 0.00	34.41 -0.70 0.00	35.94 -0.77 0.00	36.56 -0.90 0.00	38.67 -0.95 0.00	38.05 -0.94 0.00	45.21 -0.97 0.00	54.90 -1.12 0.00	61.74 -0.75 0.00	68.10 -0.55 0.00	63.05 -0.70 0.00	54.49 -0.66 0.00	45.95 -0.51 0.00	38.67 -0.35 0.00
CHAUTAUQUA___LFGE 323629	36.02 -2.79 0.00	33.19 -2.50 0.00	30.29 -2.24 0.00	30.21 -2.21 0.00	29.76 -2.04 0.00	31.40 -1.90 0.00	33.83 -2.86 0.00	35.26 -2.98 0.00	33.28 -2.51 0.00	31.17 -2.38 0.00	32.02 -2.48 0.00	32.27 -2.84 0.00	33.96 -2.75 0.00	34.83 -2.62 0.00	36.73 -2.89 0.00	36.53 -2.46 0.00	41.13 -3.97 1.07	49.30 -4.65 2.07	54.61 -5.06 2.82	60.94 -4.87 2.84	56.95 -4.01 2.78	50.50 -3.03 1.62	42.96 -3.11 0.39	36.45 -2.58 0.00
CHERRYST_13_KV_LD 356241	40.95 2.13 0.00	37.58 1.89 0.00	34.35 1.82 0.00	34.14 1.72 0.00	33.52 1.72 0.00	34.96 1.66 0.00	38.71 2.02 0.00	40.69 2.45 0.00	38.33 2.54 0.00	36.27 2.72 0.00	37.63 3.04 -0.10	38.35 3.16 -0.08	40.07 3.27 -0.09	41.17 3.56 -0.16	44.32 4.04 -0.65	58.40 4.02 -15.40	61.91 4.94 -10.79	63.77 6.05 -1.70	68.17 5.69 0.00	74.69 6.04 0.00	68.65 4.91 0.00	59.12 3.97 0.00	49.85 3.39 0.00	41.91 2.89 0.00

CHESTROR_138KV_BK263 355645	40.17 1.36 0.00	36.94 1.25 0.00	33.74 1.20 0.00	33.55 1.13 0.00	32.91 1.11 0.00	34.36 1.07 0.00	37.98 1.28 0.00	39.81 1.57 0.00	37.32 1.54 0.00	35.20 1.64 0.00	36.33 1.83 0.00	37.04 1.93 0.00	38.73 2.02 0.00	39.66 2.21 0.00	42.24 2.62 0.00	56.31 2.61 -14.71	49.45 3.28 0.00	60.05 4.03 0.00	66.36 3.87 0.00	72.70 4.05 0.00	67.06 3.31 0.00	57.75 2.59 0.00	48.69 2.23 0.00	40.90 1.87 0.00
CH_MIDHUDSON___DRP 24192	40.48 1.67 0.00	37.19 1.50 0.00	34.00 1.46 0.00	33.81 1.39 0.00	33.17 1.37 0.00	34.63 1.33 0.00	38.27 1.58 0.00	40.11 1.87 0.00	37.61 1.83 0.00	35.43 1.88 0.00	36.57 2.07 0.00	37.29 2.18 0.00	38.99 2.28 0.00	39.96 2.51 0.00	42.56 2.93 0.00	41.91 2.92 0.00	49.87 3.69 0.00	60.61 4.59 0.00	66.92 4.44 0.00	73.25 4.60 0.00	67.57 3.82 0.00	58.19 3.03 0.00	49.06 2.60 0.00	41.21 2.19 0.00
CH_MISC_IPPS 23765	40.67 1.86 0.00	37.37 1.68 0.00	34.13 1.59 0.00	33.94 1.52 0.00	33.29 1.49 0.00	34.73 1.43 0.00	38.45 1.76 0.00	40.15 1.91 0.00	37.75 1.97 0.00	35.53 1.98 0.00	36.71 2.21 0.00	37.43 2.32 0.00	39.13 2.42 0.00	40.15 2.70 0.00	42.79 3.17 0.00	42.15 3.16 0.00	50.19 4.02 0.00	61.00 4.98 0.00	67.36 4.88 0.00	73.87 5.21 0.00	68.02 4.27 0.00	58.57 3.42 0.00	49.44 2.98 0.00	41.21 2.18 0.00
CH_RES_BVR_FALLS 23983	38.66 -0.15 0.00	35.55 -0.14 0.00	32.40 -0.13 0.00	32.29 -0.13 0.00	31.67 -0.13 0.00	33.16 -0.13 0.00	36.58 -0.11 0.00	38.13 -0.11 0.00	35.68 -0.11 0.00	33.42 -0.13 0.00	34.33 -0.17 0.00	34.90 -0.21 0.00	36.49 -0.22 0.00	37.19 -0.26 0.00	39.30 -0.32 0.00	38.68 -0.31 0.00	45.85 -0.32 0.00	55.63 -0.39 0.00	62.11 -0.37 0.00	68.31 -0.34 0.00	63.37 -0.38 0.00	54.82 -0.33 0.00	46.23 -0.23 0.00	38.83 -0.19 0.00
CH_RES_NIAGARA 23895	34.58 -4.23 0.00	31.94 -3.75 0.00	28.99 -3.55 0.00	29.15 -3.27 0.00	28.40 -3.40 0.00	29.73 -3.56 0.00	32.25 -4.44 0.00	33.31 -4.93 0.00	31.92 -3.86 0.00	29.93 -3.62 0.00	30.71 -3.80 0.00	31.00 -4.11 0.00	32.56 -4.15 0.00	33.37 -4.08 0.00	35.11 -4.52 0.00	34.82 -4.17 0.00	39.42 -5.59 1.17	46.81 -6.95 2.27	51.85 -7.56 3.07	57.66 -7.89 3.10	53.94 -6.76 3.05	48.21 -5.18 1.76	41.44 -4.60 0.42	34.58 -4.45 0.00
CH_RES_SYRACUSE 23985	38.58 -0.23 0.00	35.51 -0.18 0.00	32.31 -0.23 0.00	32.23 -0.19 0.00	31.61 -0.19 0.00	33.16 -0.13 0.00	36.47 -0.22 0.00	37.90 -0.34 0.00	35.50 -0.29 0.00	33.22 -0.34 0.00	34.12 -0.38 0.00	34.69 -0.42 0.00	36.34 -0.37 0.00	37.12 -0.34 0.00	39.11 -0.52 0.00	38.52 -0.47 0.00	45.53 -0.65 0.00	55.41 -0.61 0.00	61.92 -0.56 0.00	68.24 -0.41 0.00	63.49 -0.25 0.00	54.93 -0.22 0.00	46.09 -0.37 0.00	38.87 -0.16 0.00
CLINTON_WT_PWR 323605	38.58 -0.23 0.00	35.44 -0.25 0.00	32.24 -0.29 0.00	32.16 -0.26 0.00	31.54 -0.26 0.00	33.00 -0.30 0.00	36.40 -0.29 0.00	37.93 -0.31 0.00	35.50 -0.29 0.00	33.19 -0.37 0.00	33.98 -0.52 0.00	34.48 -0.63 0.00	36.01 -0.70 0.00	36.63 -0.82 0.00	38.71 -0.91 0.00	38.13 -0.86 0.00	45.30 -0.88 0.00	54.95 -1.07 0.00	61.67 -0.81 0.00	67.96 -0.69 0.00	62.92 -0.83 0.00	54.43 -0.72 0.00	45.95 -0.51 0.00	38.63 -0.39 0.00
CLINTON___LFGE 323618	38.77 -0.04 0.00	35.62 -0.07 0.00	32.40 -0.13 0.00	32.32 -0.10 0.00	31.70 -0.10 0.00	33.20 -0.10 0.00	36.62 -0.07 0.00	38.13 -0.11 0.00	35.68 -0.11 0.00	33.36 -0.20 0.00	34.12 -0.38 0.00	34.59 -0.53 0.00	36.12 -0.59 0.00	36.71 -0.75 0.00	38.83 -0.79 0.00	38.25 -0.74 0.00	45.48 -0.69 0.00	55.29 -0.73 0.00	62.11 -0.56 0.00	68.58 -0.41 0.00	63.56 -0.19 0.00	54.93 -0.22 0.00	46.32 -0.14 0.00	38.91 -0.12 0.00
COBBLENY_34_KV_TB1 80064	35.71 -3.10 0.00	32.94 -2.75 0.00	29.93 -2.60 0.00	29.66 -2.76 0.00	29.38 -2.42 0.00	30.77 -2.53 0.00	33.39 -3.30 0.00	34.42 -3.82 0.00	32.85 -2.93 0.00	30.80 -2.75 0.00	31.64 -2.86 0.00	31.92 -3.20 0.00	33.63 -3.08 0.00	34.50 -2.96 0.00	36.29 -3.33 0.00	36.18 -2.81 0.00	40.62 -4.48 1.07	48.52 -5.43 2.07	53.92 -5.75 2.82	59.98 -5.84 2.84	56.06 -4.91 2.78	49.85 -3.70 1.61	42.50 -3.58 0.38	35.98 -3.04 0.00
COFFEEN___115KV_TB3 355620	39.59 0.78 0.00	36.37 0.68 0.00	32.95 0.42 0.00	32.87 0.45 0.00	32.34 0.54 0.00	34.16 0.87 0.00	37.50 0.81 0.00	38.51 0.27 0.00	35.78 0.00 0.00	33.22 -0.34 0.00	33.95 -0.55 0.00	34.44 -0.67 0.00	36.12 -0.59 0.00	36.63 -0.82 0.00	38.83 -0.79 0.00	38.36 -0.62 0.00	45.34 -0.83 0.00	55.35 -0.67 0.00	63.11 0.62 0.00	70.92 2.27 0.00	66.23 2.49 0.00	57.19 2.04 0.00	47.95 1.49 0.00	40.12 1.09 0.00
COLDSPRG_115KV_BK1 355956	36.06 -2.76 0.00	33.23 -2.46 0.00	30.22 -2.31 0.00	29.99 -2.43 0.00	29.73 -2.07 0.00	31.23 -2.06 0.00	33.94 -2.75 0.00	35.03 -3.21 0.00	33.24 -2.54 0.00	31.24 -2.32 0.00	32.12 -2.38 0.00	32.34 -2.77 0.00	34.07 -2.64 0.00	34.95 -2.51 0.00	36.81 -2.81 0.00	36.73 -2.26 0.00	40.95 -4.20 1.02	49.00 -5.04 1.98	54.48 -5.31 2.69	60.72 -5.22 2.71	56.70 -4.40 2.65	50.30 -3.31 1.54	42.80 -3.30 0.37	36.68 -2.34 0.00
COLONIE_LFGE___ 323577	39.74 0.93 0.00	36.66 0.96 0.00	33.48 0.94 0.00	33.33 0.91 0.00	32.66 0.86 0.00	34.20 0.90 0.00	37.64 0.95 0.00	39.16 0.92 0.00	36.39 0.61 0.00	34.09 0.54 0.00	35.05 0.55 0.00	35.81 0.70 0.00	37.37 0.66 0.00	38.09 0.64 0.00	40.46 0.83 0.00	39.89 0.90 0.00	47.28 1.11 0.00	57.25 1.23 0.00	63.86 1.37 0.00	69.89 1.24 0.00	65.21 1.47 0.00	56.47 1.32 0.00	47.62 1.16 0.00	39.88 0.86 0.00
COOPERNY_115KV_TB1 80082	39.74 0.93 0.00	36.55 0.86 0.00	33.35 0.81 0.00	33.20 0.78 0.00	32.56 0.76 0.00	34.03 0.73 0.00	37.57 0.88 0.00	39.31 1.07 0.00	36.82 1.04 0.00	34.70 1.14 0.00	35.78 1.28 0.00	36.45 1.33 0.00	38.14 1.43 0.00	39.03 1.57 0.00	41.49 1.86 0.00	39.77 1.83 1.05	48.44 2.26 0.00	58.82 2.80 0.00	65.17 2.69 0.00	71.46 2.81 0.00	66.04 2.29 0.00	56.97 1.82 0.00	48.00 1.53 0.00	40.35 1.33 0.00
COPENHAGEN_WT_PWR 323753	39.31 0.50 0.00	36.12 0.43 0.00	32.76 0.23 0.00	32.74 0.32 0.00	32.15 0.35 0.00	33.93 0.63 0.00	37.24 0.55 0.00	38.36 0.12 0.00	35.64 -0.14 0.00	33.12 -0.44 0.00	33.88 -0.62 0.00	34.37 -0.74 0.00	36.05 -0.66 0.00	36.60 -0.86 0.00	38.75 -0.87 0.00	38.25 -0.74 0.00	45.20 -0.97 0.00	55.18 -0.84 0.00	62.67 0.19 0.00	70.23 1.58 0.00	65.60 1.85 0.00	56.58 1.43 0.00	47.48 1.02 0.00	39.84 0.82 0.00
CORNELL_____ 23752	39.20 0.39 0.00	36.12 0.43 0.00	32.82 0.29 0.00	32.74 0.32 0.00	32.12 0.32 0.00	33.73 0.43 0.00	37.06 0.37 0.00	38.32 0.08 0.00	35.82 0.04 0.00	33.45 -0.10 0.00	34.33 -0.17 0.00	34.87 -0.25 0.00	36.53 -0.18 0.00	37.34 -0.11 0.00	39.46 -0.16 0.00	38.95 -0.04 0.00	45.73 -0.14 0.31	55.60 0.17 0.59	62.31 0.62 0.80	68.94 1.10 0.81	64.17 1.21 0.79	55.80 1.10 0.46	47.14 0.79 0.11	39.57 0.55 0.00

CORONA V_69_KV_TB1 355595	41.41 2.60 0.00	37.98 2.28 0.00	34.55 2.02 0.00	34.33 1.91 0.00	33.64 1.84 0.00	35.16 1.86 0.00	39.00 2.31 0.00	41.11 2.87 0.00	38.65 2.86 0.00	36.47 2.92 0.00	41.04 3.17 -3.36	40.62 3.30 -2.21	43.40 3.41 -3.27	46.70 3.71 -5.54	50.89 4.20 -7.07	87.52 4.21 -44.32	77.91 5.22 -26.52	83.13 6.33 -20.78	95.64 6.31 -26.84	85.81 6.73 -10.43	87.04 5.67 -17.62	69.14 4.58 -9.41	50.37 3.90 0.00	42.30 3.28 0.00
CORTLAND_115KV_TB3 80093	38.97 0.16 0.00	35.87 0.18 0.00	32.63 0.10 0.00	32.55 0.13 0.00	31.93 0.13 0.00	33.53 0.23 0.00	36.84 0.15 0.00	38.20 -0.04 0.00	35.75 -0.04 0.00	33.45 -0.10 0.00	34.36 -0.14 0.00	34.94 -0.18 0.00	36.56 -0.15 0.00	37.38 -0.07 0.00	39.50 -0.12 0.00	38.95 -0.04 0.00	45.71 -0.18 0.28	55.49 0.00 0.53	62.01 0.25 0.73	68.47 0.55 0.73	63.67 0.64 0.72	55.34 0.61 0.42	46.73 0.37 0.10	39.30 0.27 0.00
COXSACKIE__GT 23611	40.52 1.71 0.00	37.51 1.82 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.42 1.62 0.00	34.96 1.66 0.00	38.56 1.87 0.00	39.85 1.61 0.00	36.75 0.97 0.00	34.19 0.64 0.00	35.09 0.59 0.00	35.81 0.70 0.00	37.48 0.77 0.00	38.32 0.86 0.00	40.77 1.15 0.00	40.24 1.25 0.00	48.02 1.85 0.00	58.71 2.69 0.00	65.86 3.37 0.00	72.63 3.98 0.00	67.57 3.82 0.00	58.18 3.03 0.00	48.92 2.46 0.00	40.86 1.83 0.00
CPV_VALLEY__CC1 323721	39.90 1.09 0.00	36.69 1.00 0.00	33.48 0.94 0.00	33.33 0.91 0.00	32.69 0.89 0.00	34.10 0.80 0.00	37.72 1.03 0.00	39.43 1.19 0.00	37.04 1.25 0.00	34.93 1.38 0.00	36.09 1.59 0.00	36.76 1.65 0.00	38.44 1.73 0.00	39.36 1.91 0.00	41.92 2.30 0.00	40.23 2.26 1.02	48.99 2.82 0.00	59.44 3.42 0.00	65.67 3.19 0.00	72.01 3.36 0.00	66.42 2.68 0.00	57.30 2.15 0.00	48.32 1.86 0.00	40.39 1.37 0.00
CPV_VALLEY__CC2 323722	39.90 1.09 0.00	36.69 1.00 0.00	33.48 0.94 0.00	33.33 0.91 0.00	32.69 0.89 0.00	34.10 0.80 0.00	37.72 1.03 0.00	39.43 1.19 0.00	37.04 1.25 0.00	34.93 1.38 0.00	36.09 1.59 0.00	36.76 1.65 0.00	38.44 1.73 0.00	39.36 1.91 0.00	41.92 2.30 0.00	40.23 2.26 1.02	48.99 2.82 0.00	59.44 3.42 0.00	65.67 3.19 0.00	72.01 3.36 0.00	66.42 2.68 0.00	57.30 2.15 0.00	48.32 1.86 0.00	40.39 1.37 0.00
CRESCENT__HYD 24018	39.74 0.93 0.00	36.66 0.96 0.00	33.48 0.94 0.00	33.33 0.91 0.00	32.66 0.86 0.00	34.20 0.90 0.00	37.64 0.95 0.00	39.16 0.92 0.00	36.39 0.61 0.00	34.09 0.54 0.00	35.05 0.55 0.00	35.81 0.70 0.00	37.37 0.66 0.00	38.09 0.64 0.00	40.46 0.83 0.00	39.89 0.90 0.00	47.28 1.11 0.00	57.25 1.23 0.00	63.86 1.37 0.00	69.89 1.24 0.00	65.21 1.47 0.00	56.47 1.32 0.00	47.62 1.16 0.00	39.88 0.86 0.00
CRICKET__VALLEY_CC1 323756	40.05 1.24 0.00	36.83 1.14 0.00	33.67 1.14 0.00	33.52 1.10 0.00	32.85 1.05 0.00	34.23 0.93 0.00	37.87 1.17 0.00	39.61 1.37 0.00	37.25 1.47 0.00	35.13 1.58 0.00	36.29 1.79 0.00	37.04 1.93 0.00	38.69 1.98 0.00	39.63 2.17 0.00	42.24 2.61 0.00	42.23 2.57 -0.67	49.36 3.18 0.00	59.83 3.81 0.00	65.98 3.50 0.00	72.15 3.50 0.00	66.62 2.87 0.00	57.47 2.32 0.00	48.60 2.14 0.00	40.51 1.48 0.00
CRICKET__VALLEY_CC2 323757	40.05 1.24 0.00	36.83 1.14 0.00	33.67 1.14 0.00	33.52 1.10 0.00	32.85 1.05 0.00	34.23 0.93 0.00	37.87 1.17 0.00	39.61 1.37 0.00	37.25 1.47 0.00	35.13 1.58 0.00	36.29 1.79 0.00	37.04 1.93 0.00	38.69 1.98 0.00	39.63 2.17 0.00	42.24 2.61 0.00	42.23 2.57 -0.67	49.36 3.18 0.00	59.83 3.81 0.00	65.98 3.50 0.00	72.15 3.50 0.00	66.62 2.87 0.00	57.47 2.32 0.00	48.60 2.14 0.00	40.51 1.48 0.00
CRICKET__VALLEY_CC3 323758	40.05 1.24 0.00	36.83 1.14 0.00	33.67 1.14 0.00	33.52 1.10 0.00	32.85 1.05 0.00	34.23 0.93 0.00	37.87 1.17 0.00	39.61 1.37 0.00	37.25 1.47 0.00	35.13 1.58 0.00	36.29 1.79 0.00	37.04 1.93 0.00	38.69 1.98 0.00	39.63 2.17 0.00	42.24 2.61 0.00	42.23 2.57 -0.67	49.36 3.18 0.00	59.83 3.81 0.00	65.98 3.50 0.00	72.15 3.50 0.00	66.62 2.87 0.00	57.47 2.32 0.00	48.60 2.14 0.00	40.51 1.48 0.00
CRUCIBLE_METL_DRP 24180	38.58 -0.23 0.00	35.51 -0.18 0.00	32.30 -0.23 0.00	32.19 -0.23 0.00	31.61 -0.19 0.00	33.13 -0.17 0.00	36.47 -0.22 0.00	37.82 -0.42 0.00	35.46 -0.32 0.00	33.22 -0.34 0.00	34.12 -0.38 0.00	34.69 -0.42 0.00	36.34 -0.37 0.00	37.12 -0.34 0.00	39.11 -0.52 0.00	38.52 -0.47 0.00	45.53 -0.65 0.00	55.35 -0.67 0.00	61.92 -0.56 0.00	68.24 -0.41 0.00	63.43 -0.32 0.00	54.93 -0.22 0.00	46.18 -0.28 0.00	38.71 -0.31 0.00
DAHOWA__HYDRO 323763	40.13 1.32 0.00	36.98 1.28 0.00	33.77 1.24 0.00	33.65 1.23 0.00	32.98 1.18 0.00	34.53 1.23 0.00	38.01 1.32 0.00	39.27 1.03 0.00	36.36 0.57 0.00	33.96 0.40 0.00	34.78 0.27 0.00	35.64 0.53 0.00	37.04 0.33 0.00	37.64 0.19 0.00	39.94 0.32 0.00	39.49 0.51 0.00	47.01 0.83 0.00	57.08 1.06 0.00	64.43 1.94 0.00	70.85 2.20 0.00	66.36 2.61 0.00	57.36 2.21 0.00	48.18 1.72 0.00	40.31 1.29 0.00
DANC__LFGE 323619	38.85 0.04 0.00	35.73 0.04 0.00	32.43 -0.10 0.00	32.39 -0.03 0.00	31.80 0.00 0.00	33.50 0.20 0.00	36.80 0.11 0.00	38.01 -0.23 0.00	35.43 -0.36 0.00	33.02 -0.54 0.00	33.81 -0.69 0.00	34.37 -0.74 0.00	35.98 -0.73 0.00	36.60 -0.86 0.00	38.71 -0.91 0.00	38.17 -0.82 0.00	45.36 -1.06 -0.24	55.37 -1.12 -0.47	62.69 -0.43 -0.64	69.71 0.41 -0.64	65.01 0.64 -0.63	55.96 0.44 -0.36	46.83 0.28 -0.09	39.30 0.28 0.00
DANSKAMMER__1 23586	40.67 1.86 0.00	37.37 1.68 0.00	34.13 1.59 0.00	33.94 1.52 0.00	33.29 1.49 0.00	34.73 1.43 0.00	38.45 1.76 0.00	40.15 1.91 0.00	37.75 1.97 0.00	35.53 1.98 0.00	36.71 2.21 0.00	37.43 2.32 0.00	39.13 2.42 0.00	40.15 2.70 0.00	42.79 3.17 0.00	42.15 3.16 0.00	50.19 4.02 0.00	61.00 4.98 0.00	67.36 4.88 0.00	73.87 5.21 0.00	68.02 4.27 0.00	58.57 3.42 0.00	49.44 2.98 0.00	41.21 2.18 0.00
DANSKAMMER__2 23589	40.67 1.86 0.00	37.37 1.68 0.00	34.13 1.59 0.00	33.94 1.52 0.00	33.29 1.49 0.00	34.73 1.43 0.00	38.45 1.76 0.00	40.15 1.91 0.00	37.75 1.97 0.00	35.53 1.98 0.00	36.71 2.21 0.00	37.43 2.32 0.00	39.13 2.42 0.00	40.15 2.70 0.00	42.79 3.17 0.00	42.15 3.16 0.00	50.19 4.02 0.00	61.00 4.98 0.00	67.36 4.88 0.00	73.87 5.21 0.00	68.02 4.27 0.00	58.57 3.42 0.00	49.44 2.98 0.00	41.21 2.18 0.00
DANSKAMMER__3 23590	40.67 1.86 0.00	37.37 1.68 0.00	34.13 1.59 0.00	33.94 1.52 0.00	33.29 1.49 0.00	34.73 1.43 0.00	38.45 1.76 0.00	40.15 1.91 0.00	37.75 1.97 0.00	35.53 1.98 0.00	36.71 2.21 0.00	37.43 2.32 0.00	39.13 2.42 0.00	40.15 2.70 0.00	42.79 3.17 0.00	42.15 3.16 0.00	50.19 4.02 0.00	61.00 4.98 0.00	67.36 4.88 0.00	73.87 5.21 0.00	68.02 4.27 0.00	58.57 3.42 0.00	49.44 2.98 0.00	41.21 2.18 0.00

DANSKAMMER___4 23591	40.67 1.86 0.00	37.37 1.68 0.00	34.13 1.59 0.00	33.94 1.52 0.00	33.29 1.49 0.00	34.73 1.43 0.00	38.45 1.76 0.00	40.15 1.91 0.00	37.75 1.97 0.00	35.53 1.98 0.00	36.71 2.21 0.00	37.43 2.32 0.00	39.13 2.42 0.00	40.15 2.70 0.00	42.79 3.17 0.00	42.15 3.16 0.00	50.19 4.02 0.00	61.00 4.98 0.00	67.36 4.88 0.00	73.87 5.21 0.00	68.02 4.27 0.00	58.57 3.42 0.00	49.44 2.98 0.00	41.21 2.18 0.00
DANSKAMMER___DIESEL 23592	40.67 1.86 0.00	37.37 1.68 0.00	34.16 1.63 0.00	33.94 1.52 0.00	33.29 1.49 0.00	34.80 1.50 0.00	38.45 1.76 0.00	40.27 2.03 0.00	37.75 1.97 0.00	35.54 1.98 0.00	36.71 2.21 0.00	37.43 2.32 0.00	39.13 2.42 0.00	40.15 2.70 0.00	42.75 3.13 0.00	42.15 3.16 0.00	50.19 4.02 0.00	61.06 5.04 0.00	67.42 4.94 0.00	73.87 5.22 0.00	68.08 4.33 0.00	58.57 3.42 0.00	49.34 2.88 0.00	41.44 2.42 0.00
DARBY___SOLAR 323810	40.02 1.20 0.00	36.91 1.21 0.00	33.70 1.17 0.00	33.55 1.13 0.00	32.88 1.08 0.00	34.46 1.16 0.00	37.90 1.21 0.00	39.23 0.99 0.00	36.32 0.54 0.00	33.96 0.40 0.00	34.78 0.27 0.00	35.60 0.49 0.00	37.04 0.33 0.00	37.68 0.23 0.00	39.98 0.36 0.00	39.49 0.51 0.00	47.01 0.83 0.00	57.08 1.06 0.00	64.30 1.81 0.00	70.64 1.99 0.00	66.11 2.36 0.00	57.14 1.98 0.00	48.04 1.58 0.00	40.24 1.21 0.00
DASHVILLE___HYD 23610	40.64 1.82 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.88 1.46 0.00	33.26 1.46 0.00	34.73 1.43 0.00	38.42 1.72 0.00	40.27 2.03 0.00	37.72 1.93 0.00	35.54 1.98 0.00	36.67 2.17 0.00	37.39 2.28 0.00	39.13 2.42 0.00	40.15 2.70 0.00	42.79 3.17 0.00	42.15 3.16 0.00	50.24 4.06 0.00	61.17 5.15 0.00	67.55 5.06 0.00	73.94 5.29 0.00	68.14 4.40 0.00	58.63 3.47 0.00	49.39 2.93 0.00	41.44 2.42 0.00
DELAWARE___LFGE 323621	39.59 0.78 0.00	36.44 0.75 0.00	33.21 0.68 0.00	33.10 0.68 0.00	32.43 0.64 0.00	34.00 0.70 0.00	37.35 0.66 0.00	38.89 0.65 0.00	36.36 0.57 0.00	34.13 0.57 0.00	35.12 0.62 0.00	35.78 0.67 0.00	37.41 0.70 0.00	38.24 0.79 0.00	40.57 0.95 0.00	39.92 0.94 0.00	47.28 1.11 0.00	57.48 1.46 0.00	64.11 1.62 0.00	70.50 1.85 0.00	65.40 1.66 0.00	56.59 1.43 0.00	47.58 1.12 0.00	40.00 0.98 0.00
DERFIELD_115KV_TB7 355931	38.89 0.08 0.00	35.76 0.07 0.00	32.60 0.07 0.00	32.48 0.06 0.00	31.86 0.06 0.00	33.36 0.07 0.00	36.77 0.07 0.00	38.32 0.08 0.00	35.82 0.04 0.00	33.59 0.03 0.00	34.54 0.03 0.00	35.18 0.07 0.00	36.78 0.07 0.00	37.53 0.07 0.00	39.70 0.08 0.00	39.07 0.08 0.00	46.27 0.09 0.00	56.13 0.11 0.00	62.61 0.12 0.00	68.79 0.14 0.00	63.87 0.13 0.00	55.26 0.11 0.00	46.56 0.09 0.00	39.10 0.08 0.00
DOGLEVILLE___HYD 23807	39.28 0.47 0.00	36.12 0.43 0.00	32.89 0.36 0.00	32.78 0.36 0.00	32.15 0.35 0.00	33.73 0.43 0.00	37.17 0.48 0.00	38.70 0.46 0.00	36.18 0.39 0.00	33.89 0.34 0.00	34.81 0.31 0.00	35.36 0.25 0.00	36.97 0.26 0.00	37.68 0.22 0.00	39.86 0.24 0.00	39.22 0.23 0.00	46.45 0.28 0.00	56.30 0.28 0.00	62.92 0.44 0.00	69.34 0.69 0.00	64.38 0.64 0.00	55.76 0.61 0.00	47.16 0.70 0.00	39.69 0.66 0.00
DUNKIRK__115KV_TB_200 55889	35.98 -2.83 0.00	33.19 -2.50 0.00	30.16 -2.37 0.00	29.92 -2.50 0.00	29.64 -2.16 0.00	31.10 -2.20 0.00	33.76 -2.94 0.00	34.84 -3.40 0.00	33.14 -2.65 0.00	31.14 -2.42 0.00	31.98 -2.52 0.00	32.23 -2.88 0.00	33.92 -2.79 0.00	34.80 -2.66 0.00	36.61 -3.01 0.00	36.49 -2.50 0.00	41.08 -4.02 1.08	49.07 -4.87 2.07	54.54 -5.12 2.82	60.72 -5.08 2.85	56.75 -4.21 2.78	50.45 -3.09 1.62	42.96 -3.11 0.39	36.37 -2.65 0.00
DUNKIRK___1 23563	35.98 -2.83 0.00	33.19 -2.50 0.00	30.16 -2.37 0.00	29.92 -2.50 0.00	29.64 -2.16 0.00	31.10 -2.20 0.00	33.76 -2.94 0.00	34.84 -3.40 0.00	33.14 -2.65 0.00	31.14 -2.42 0.00	31.98 -2.52 0.00	32.23 -2.88 0.00	33.92 -2.79 0.00	34.80 -2.66 0.00	36.61 -3.01 0.00	36.49 -2.50 0.00	41.08 -4.02 1.08	49.07 -4.87 2.07	54.54 -5.12 2.82	60.72 -5.08 2.85	56.75 -4.21 2.78	50.45 -3.09 1.62	42.96 -3.11 0.39	36.37 -2.65 0.00
DUNKIRK___2 23564	35.98 -2.83 0.00	33.19 -2.50 0.00	30.16 -2.37 0.00	29.92 -2.50 0.00	29.64 -2.16 0.00	31.10 -2.20 0.00	33.76 -2.94 0.00	34.84 -3.40 0.00	33.14 -2.65 0.00	31.14 -2.42 0.00	31.98 -2.52 0.00	32.23 -2.88 0.00	33.92 -2.79 0.00	34.80 -2.66 0.00	36.61 -3.01 0.00	36.49 -2.50 0.00	41.08 -4.02 1.08	49.07 -4.87 2.07	54.54 -5.12 2.82	60.72 -5.08 2.85	56.75 -4.21 2.78	50.45 -3.09 1.62	42.96 -3.11 0.39	36.37 -2.65 0.00
DUNKIRK___3 23565	35.86 -2.95 0.00	33.09 -2.61 0.00	30.06 -2.47 0.00	29.79 -2.63 0.00	29.51 -2.29 0.00	30.93 -2.36 0.00	33.57 -3.12 0.00	34.65 -3.59 0.00	32.99 -2.79 0.00	30.97 -2.58 0.00	31.84 -2.66 0.00	32.09 -3.02 0.00	33.77 -2.94 0.00	34.65 -2.81 0.00	36.45 -3.17 0.00	36.30 -2.69 0.00	40.85 -4.25 1.08	48.78 -5.15 2.08	54.15 -5.50 2.84	60.30 -5.49 2.86	56.36 -4.59 2.80	50.11 -3.42 1.63	42.73 -3.35 0.39	36.18 -2.85 0.00
DUNKIRK___4 23566	35.86 -2.95 0.00	33.09 -2.61 0.00	30.06 -2.47 0.00	29.79 -2.63 0.00	29.51 -2.29 0.00	30.93 -2.36 0.00	33.57 -3.12 0.00	34.65 -3.59 0.00	32.99 -2.79 0.00	30.97 -2.58 0.00	31.84 -2.66 0.00	32.09 -3.02 0.00	33.77 -2.94 0.00	34.65 -2.81 0.00	36.45 -3.17 0.00	36.30 -2.69 0.00	40.85 -4.25 1.08	48.78 -5.15 2.08	54.15 -5.50 2.84	60.30 -5.49 2.86	56.36 -4.59 2.80	50.11 -3.42 1.63	42.73 -3.35 0.39	36.18 -2.85 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.67 1.86 0.00	37.37 1.68 0.00	34.13 1.59 0.00	33.91 1.49 0.00	33.29 1.49 0.00	34.76 1.47 0.00	38.45 1.76 0.00	40.38 2.14 0.00	37.93 2.15 0.00	35.84 2.28 0.00	37.09 2.59 0.00	37.82 2.70 0.00	39.50 2.79 0.00	40.53 3.07 0.00	43.15 3.53 0.00	43.97 3.47 -1.51	50.52 4.34 0.00	61.29 5.27 0.00	67.49 5.00 0.00	73.87 5.22 0.00	68.02 4.27 0.00	58.57 3.42 0.00	49.39 2.93 0.00	41.52 2.50 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.40 1.59 0.00	37.12 1.43 0.00	33.93 1.40 0.00	33.72 1.30 0.00	33.07 1.27 0.00	34.56 1.27 0.00	38.20 1.50 0.00	40.04 1.80 0.00	37.54 1.75 0.00	35.40 1.85 0.00	36.54 2.04 0.00	37.25 2.14 0.00	38.95 2.24 0.00	39.93 2.47 0.00	42.52 2.89 0.00	41.48 2.92 0.43	49.82 3.65 0.00	60.61 4.59 0.00	66.92 4.44 0.00	73.32 4.67 0.00	67.57 3.82 0.00	58.19 3.03 0.00	49.02 2.56 0.00	41.17 2.15 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.79 1.98 0.00	37.41 1.71 0.00	34.42 1.89 0.00	34.14 1.72 0.00	33.52 1.72 0.00	34.83 1.53 0.00	38.31 1.61 0.00	40.27 2.03 0.00	37.97 2.18 0.00	35.97 2.42 0.00	37.33 2.73 -0.10	38.04 2.84 -0.08	39.71 2.90 -0.10	40.80 3.18 -0.16	43.89 3.61 -0.66	58.20 3.63 -15.59	61.50 4.39 -10.94	61.41 5.38 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.76 4.02 0.00	58.41 3.25 0.00	49.53 3.07 0.00	41.76 2.73 0.00

E179THST_13_KV_LOAD 356214	40.99 2.17 0.00	37.58 1.89 0.00	34.55 2.02 0.00	34.27 1.85 0.00	33.64 1.84 0.00	35.00 1.70 0.00	38.49 1.80 0.00	40.42 2.18 0.00	38.15 2.36 0.00	36.14 2.58 0.00	37.53 2.93 -0.10	38.21 3.02 -0.08	39.93 3.12 -0.10	41.03 3.41 -0.16	44.13 3.84 -0.66	58.40 3.82 -15.59	61.78 4.66 -10.94	61.75 5.71 -0.01	67.80 5.31 0.00	74.07 5.42 0.00	68.14 4.40 0.00	58.74 3.58 0.00	49.76 3.30 0.00	41.99 2.97 0.00
EAST HAMPTON___GT 23717	43.20 4.38 0.00	39.76 4.07 0.00	35.98 3.45 0.00	35.79 3.37 0.00	34.98 3.18 0.00	36.59 3.30 0.00	40.66 3.96 0.00	42.72 4.47 -0.01	40.70 4.90 -0.01	38.66 5.10 -0.01	43.18 5.31 -3.36	42.52 5.20 -2.21	45.30 5.32 -3.27	48.54 5.54 -5.54	52.87 6.18 -7.07	54.99 6.12 -9.88	56.97 7.67 -3.12	67.14 9.69 -1.43	74.14 9.81 -1.84	79.65 10.29 -0.71	73.29 8.35 -1.20	62.85 7.06 -0.64	52.65 6.18 -0.01	43.91 4.88 -0.01
EAST RIVER___6 23660	40.91 2.09 0.00	37.55 1.85 0.00	34.29 1.76 0.00	34.14 1.72 0.00	33.45 1.65 0.00	34.83 1.53 0.00	38.60 1.91 0.00	40.42 2.18 0.00	38.22 2.43 0.00	36.14 2.58 0.00	37.53 2.93 -0.10	38.24 3.05 -0.08	39.96 3.16 -0.09	41.06 3.44 -0.16	44.24 3.96 -0.65	58.32 3.94 -15.40	61.86 4.89 -10.79	63.65 5.94 -1.70	68.05 5.56 0.00	74.62 5.97 0.00	68.72 4.98 0.00	59.13 3.97 0.00	49.90 3.44 0.00	41.60 2.57 0.00
EAST RIVER___7 23524	40.91 2.09 0.00	37.55 1.85 0.00	34.29 1.76 0.00	34.14 1.72 0.00	33.45 1.65 0.00	34.83 1.53 0.00	38.60 1.91 0.00	40.42 2.18 0.00	38.22 2.43 0.00	36.14 2.58 0.00	37.53 2.93 -0.10	38.24 3.05 -0.08	39.96 3.16 -0.09	41.06 3.44 -0.16	44.24 3.96 -0.65	58.32 3.94 -15.40	61.86 4.89 -10.79	63.65 5.94 -1.70	68.05 5.56 0.00	74.62 5.97 0.00	68.72 4.98 0.00	59.13 3.97 0.00	49.90 3.44 0.00	41.60 2.57 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.56 1.75 0.00	37.30 1.61 0.00	34.06 1.53 0.00	33.88 1.46 0.00	33.23 1.43 0.00	34.70 1.40 0.00	38.34 1.65 0.00	40.27 2.03 0.00	37.82 2.04 0.00	35.74 2.18 0.00	36.95 2.45 0.00	37.67 2.56 0.00	39.35 2.64 0.00	40.38 2.92 0.00	42.99 3.37 0.00	43.96 3.35 -1.61	50.33 4.16 0.00	61.12 5.10 0.00	67.30 4.81 0.00	73.66 5.01 0.00	67.83 4.08 0.00	58.41 3.25 0.00	49.25 2.79 0.00	41.40 2.38 0.00
EAST_HAMPTON___DIESEL 23722	43.20 4.38 0.00	39.76 4.07 0.00	35.98 3.45 0.00	35.79 3.37 0.00	34.98 3.18 0.00	36.59 3.30 0.00	40.66 3.96 0.00	42.76 4.51 -0.01	40.70 4.90 -0.01	38.66 5.10 -0.01	43.18 5.31 -3.36	42.55 5.23 -2.21	45.30 5.32 -3.27	48.54 5.54 -5.54	52.91 6.22 -7.07	54.99 6.12 -9.88	56.97 7.67 -3.12	67.14 9.69 -1.43	74.20 9.87 -1.84	79.72 10.37 -0.71	73.29 8.35 -1.20	62.85 7.06 -0.64	52.65 6.18 -0.01	43.91 4.88 -0.01
EAST_POINT___SOLAR 323840	40.60 1.79 0.00	37.37 1.68 0.00	34.06 1.53 0.00	33.94 1.52 0.00	33.32 1.53 0.00	34.96 1.66 0.00	37.90 1.21 0.00	38.28 0.04 0.00	34.68 -1.11 0.00	32.25 -1.31 0.00	33.19 -1.31 0.00	33.99 -1.12 0.00	35.46 -1.25 0.00	36.03 -1.42 0.00	38.28 -1.35 0.00	37.74 -1.25 0.00	44.88 -1.29 0.00	55.24 -0.78 0.00	64.23 1.75 0.00	72.49 3.84 0.00	67.64 3.89 0.00	58.30 3.14 0.00	48.97 2.51 0.00	40.94 1.91 0.00
EAST_PULASKI___ESR 323781	38.46 -0.35 0.00	35.37 -0.32 0.00	32.17 -0.36 0.00	32.10 -0.32 0.00	31.51 -0.29 0.00	33.10 -0.20 0.00	36.40 -0.29 0.00	37.74 -0.50 0.00	35.28 -0.50 0.00	32.95 -0.60 0.00	33.84 -0.66 0.00	34.37 -0.74 0.00	36.01 -0.70 0.00	36.71 -0.75 0.00	38.71 -0.91 0.00	38.13 -0.86 0.00	45.71 -1.11 -0.64	56.03 -1.23 -1.24	63.17 -1.00 -1.69	69.73 -0.62 -1.70	65.03 -0.38 -1.66	55.74 -0.38 -0.97	46.27 -0.42 -0.23	38.79 -0.23 0.00
EAST_RIVER___1 323558	40.83 2.02 0.00	37.48 1.78 0.00	34.25 1.72 0.00	34.07 1.65 0.00	33.42 1.62 0.00	34.80 1.50 0.00	38.56 1.87 0.00	40.42 2.18 0.00	38.18 2.40 0.00	36.10 2.55 0.00	37.46 2.86 -0.10	38.21 3.02 -0.08	39.92 3.12 -0.09	40.99 3.37 -0.16	44.16 3.89 -0.65	58.21 3.82 -15.40	61.68 4.71 -10.79	63.44 5.72 -1.70	67.86 5.37 0.00	74.42 5.77 0.00	68.40 4.65 0.00	58.96 3.80 0.00	49.76 3.30 0.00	41.52 2.50 0.00
EAST_RIVER___2 323559	40.91 2.09 0.00	37.55 1.85 0.00	34.29 1.76 0.00	34.14 1.72 0.00	33.45 1.65 0.00	34.83 1.53 0.00	38.60 1.91 0.00	40.42 2.18 0.00	38.22 2.43 0.00	36.14 2.58 0.00	37.53 2.93 -0.10	38.24 3.05 -0.08	39.96 3.16 -0.09	41.06 3.44 -0.16	44.24 3.96 -0.65	58.32 3.94 -15.40	61.86 4.89 -10.79	63.65 5.94 -1.70	68.05 5.56 0.00	74.62 5.97 0.00	68.72 4.98 0.00	59.13 3.97 0.00	49.90 3.44 0.00	41.60 2.57 0.00
EAST___DELAWARE_HYD 23607	40.29 1.47 0.00	37.01 1.32 0.00	33.74 1.20 0.00	33.59 1.17 0.00	32.91 1.11 0.00	34.36 1.07 0.00	38.05 1.36 0.00	39.73 1.49 0.00	37.32 1.54 0.00	35.13 1.58 0.00	36.22 1.72 0.00	36.90 1.79 0.00	38.62 1.91 0.00	39.63 2.17 0.00	42.24 2.61 0.00	41.07 2.61 0.53	49.54 3.37 0.00	60.33 4.31 0.00	66.79 4.31 0.00	73.38 4.73 0.00	67.64 3.89 0.00	58.18 3.03 0.00	49.02 2.55 0.00	40.86 1.83 0.00
EIGHT_POINT___WT_PWR 323820	37.07 -1.75 0.00	34.30 -1.39 0.00	31.26 -1.27 0.00	31.28 -1.14 0.00	30.81 -0.99 0.00	32.53 -0.76 0.00	35.37 -1.32 0.00	36.37 -1.87 0.00	34.07 -1.72 0.00	31.74 -1.81 0.00	32.57 -1.93 0.00	32.97 -2.14 0.00	34.69 -2.02 0.00	35.58 -1.87 0.00	37.60 -2.02 0.00	37.31 -1.68 0.00	42.77 -2.63 0.77	51.73 -2.80 1.49	57.95 -2.50 2.03	64.82 -1.79 2.05	60.66 -1.08 2.00	53.44 -0.55 1.16	45.35 -0.83 0.28	38.28 -0.74 0.00
ELBRIDGE_115KV_TB2 80188	38.35 -0.47 0.00	35.30 -0.39 0.00	32.11 -0.42 0.00	32.00 -0.42 0.00	31.42 -0.38 0.00	32.96 -0.33 0.00	36.25 -0.44 0.00	37.59 -0.65 0.00	35.25 -0.54 0.00	33.02 -0.54 0.00	33.91 -0.59 0.00	34.48 -0.63 0.00	36.12 -0.59 0.00	36.86 -0.60 0.00	38.87 -0.75 0.00	38.29 -0.70 0.00	45.25 -0.92 0.00	55.01 -1.01 0.00	61.55 -0.94 0.00	67.83 -0.82 0.00	63.05 -0.70 0.00	54.60 -0.55 0.00	45.90 -0.56 0.00	38.52 -0.51 0.00
ELEC_TRO_TEK 24086	41.30 2.48 0.00	37.87 2.18 0.00	34.45 1.92 0.00	34.20 1.78 0.00	33.52 1.72 0.00	35.06 1.76 0.00	38.89 2.20 0.00	41.03 2.79 0.00	38.54 2.76 0.00	36.41 2.85 0.00	40.94 3.07 -3.36	40.52 3.20 -2.21	43.29 3.30 -3.27	46.55 3.56 -5.54	50.69 4.00 -7.07	69.35 4.02 -26.35	65.43 4.94 -14.31	72.69 5.99 -10.68	82.22 5.94 -13.79	80.32 6.32 -5.35	78.09 5.29 -9.05	64.29 4.30 -4.83	50.13 3.67 0.00	42.18 3.16 0.00
ELLENBURG_WT_PWR 323604	38.58 -0.23 0.00	35.44 -0.25 0.00	32.24 -0.29 0.00	32.16 -0.26 0.00	31.54 -0.26 0.00	33.00 -0.30 0.00	36.40 -0.29 0.00	37.93 -0.31 0.00	35.50 -0.29 0.00	33.19 -0.37 0.00	33.98 -0.52 0.00	34.48 -0.63 0.00	36.01 -0.70 0.00	36.63 -0.82 0.00	38.71 -0.91 0.00	38.13 -0.86 0.00	45.30 -0.88 0.00	54.95 -1.07 0.00	61.67 -0.81 0.00	67.96 -0.69 0.00	62.92 -0.83 0.00	54.43 -0.72 0.00	45.95 -0.51 0.00	38.63 -0.39 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.55 -3.26 0.00	32.84 -2.86 0.00	29.80 -2.73 0.00	29.57 -2.85 0.00	29.25 -2.54 0.00	30.63 -2.66 0.00	33.21 -3.49 0.00	34.26 -3.98 0.00	32.74 -3.04 0.00	30.70 -2.85 0.00	31.53 -2.97 0.00	31.81 -3.30 0.00	33.44 -3.27 0.00	34.31 -3.15 0.00	36.10 -3.53 0.00	35.91 -3.08 0.00	40.48 -4.57 1.12	48.26 -5.60 2.16	53.61 -5.94 2.94	59.64 -6.04 2.96	55.75 -5.10 2.90	49.66 -3.81 1.69	42.44 -3.62 0.40	35.71 -3.32 0.00
EMPIRE_CC_1 323656	39.31 0.50 0.00	36.26 0.57 0.00	33.15 0.62 0.00	33.00 0.58 0.00	32.34 0.54 0.00	33.83 0.53 0.00	37.24 0.55 0.00	38.78 0.54 0.00	36.07 0.28 0.00	33.82 0.27 0.00	34.78 0.27 0.00	35.53 0.42 0.00	37.12 0.40 0.00	37.87 0.41 0.00	40.22 0.60 0.00	39.94 0.59 -0.36	46.73 0.56 0.00	56.52 0.50 0.00	62.86 0.38 0.00	68.58 -0.07 0.00	64.00 0.26 0.00	55.49 0.33 0.00	46.88 0.42 0.00	39.37 0.35 0.00
EMPIRE_CC_2 323658	39.31 0.50 0.00	36.26 0.57 0.00	33.15 0.62 0.00	33.00 0.58 0.00	32.34 0.54 0.00	33.83 0.53 0.00	37.24 0.55 0.00	38.78 0.54 0.00	36.07 0.28 0.00	33.82 0.27 0.00	34.78 0.27 0.00	35.53 0.42 0.00	37.12 0.40 0.00	37.87 0.41 0.00	40.22 0.60 0.00	39.94 0.59 -0.36	46.73 0.56 0.00	56.52 0.50 0.00	62.86 0.38 0.00	68.58 -0.07 0.00	64.00 0.26 0.00	55.49 0.33 0.00	46.88 0.42 0.00	39.37 0.35 0.00
ENORWICH_115KV_TB1 80156	40.44 1.63 0.00	37.26 1.57 0.00	33.80 1.27 0.00	33.72 1.30 0.00	33.10 1.30 0.00	34.90 1.60 0.00	38.20 1.50 0.00	39.23 0.99 0.00	36.46 0.68 0.00	33.89 0.34 0.00	34.57 0.07 0.00	35.08 -0.04 0.00	36.75 0.04 0.00	37.57 0.11 0.00	39.86 0.24 0.00	39.34 0.35 0.00	46.43 0.51 0.25	56.99 1.46 0.49	64.51 2.69 0.67	71.96 3.98 0.67	67.10 4.02 0.66	58.24 3.47 0.38	48.97 2.60 0.09	41.09 2.07 0.00
ERIE_ST__34_KV_TB1-2 80199	35.63 -3.18 0.00	32.87 -2.82 0.00	29.86 -2.67 0.00	29.57 -2.85 0.00	29.32 -2.48 0.00	30.73 -2.56 0.00	33.32 -3.38 0.00	34.34 -3.90 0.00	32.74 -3.04 0.00	30.74 -2.82 0.00	31.57 -2.93 0.00	31.88 -3.23 0.00	33.55 -3.16 0.00	34.46 -3.00 0.00	36.29 -3.33 0.00	36.18 -2.81 0.00	40.28 -4.80 1.09	48.15 -5.77 2.10	53.50 -6.12 2.87	59.52 -6.25 2.89	55.50 -5.42 2.82	49.32 -4.19 1.64	42.08 -4.00 0.39	36.02 -3.00 0.00
ERIE_WT_PWR 323693	35.71 -3.11 0.00	32.94 -2.75 0.00	30.03 -2.50 0.00	29.95 -2.47 0.00	29.48 -2.32 0.00	31.07 -2.23 0.00	33.39 -3.30 0.00	34.84 -3.40 0.00	32.96 -2.83 0.00	30.80 -2.75 0.00	31.64 -2.86 0.00	31.92 -3.19 0.00	33.59 -3.12 0.00	34.46 -3.00 0.00	36.33 -3.29 0.00	36.10 -2.88 0.00	40.60 -4.48 1.10	48.63 -5.27 2.12	53.85 -5.75 2.89	60.04 -5.70 2.91	56.12 -4.78 2.85	49.80 -3.69 1.65	42.40 -3.67 0.39	35.98 -3.04 0.00
ESPRGFLD_115KV_TB1 80157	40.01 1.20 0.00	36.76 1.07 0.00	33.48 0.94 0.00	33.36 0.94 0.00	32.72 0.92 0.00	34.36 1.07 0.00	37.65 0.95 0.00	38.81 0.57 0.00	36.00 0.21 0.00	33.59 0.03 0.00	34.54 0.03 0.00	35.22 0.11 0.00	36.86 0.15 0.00	37.60 0.15 0.00	39.90 0.28 0.00	39.30 0.31 0.00	46.59 0.42 0.00	57.03 1.01 0.00	64.42 1.94 0.00	71.53 2.88 0.00	66.49 2.74 0.00	57.41 2.26 0.00	48.23 1.77 0.00	40.43 1.40 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.16 0.35 0.00	36.05 0.36 0.00	32.79 0.26 0.00	32.68 0.26 0.00	32.08 0.29 0.00	33.70 0.40 0.00	37.02 0.33 0.00	38.28 0.04 0.00	35.82 0.04 0.00	33.45 -0.10 0.00	34.33 -0.17 0.00	34.87 -0.25 0.00	36.53 -0.18 0.00	37.31 -0.15 0.00	39.42 -0.20 0.00	38.95 -0.04 0.00	45.75 -0.14 0.28	55.59 0.11 0.55	62.31 0.56 0.74	68.93 1.03 0.75	64.10 1.08 0.73	55.72 0.99 0.43	47.06 0.70 0.10	39.53 0.51 0.00
ETNA____115KV_TB2 80207	39.16 0.35 0.00	36.05 0.36 0.00	32.79 0.26 0.00	32.68 0.26 0.00	32.08 0.29 0.00	33.70 0.40 0.00	37.02 0.33 0.00	38.28 0.04 0.00	35.82 0.04 0.00	33.45 -0.10 0.00	34.33 -0.17 0.00	34.87 -0.25 0.00	36.53 -0.18 0.00	37.31 -0.15 0.00	39.42 -0.20 0.00	38.95 -0.04 0.00	45.75 -0.14 0.28	55.59 0.11 0.55	62.31 0.56 0.74	68.93 1.03 0.75	64.10 1.08 0.73	55.72 0.99 0.43	47.06 0.70 0.10	39.53 0.51 0.00
EUCLID___115KV_TB2 356179	38.15 -0.66 0.00	35.12 -0.57 0.00	31.95 -0.59 0.00	31.84 -0.58 0.00	31.26 -0.54 0.00	32.80 -0.50 0.00	36.07 -0.62 0.00	37.48 -0.76 0.00	35.18 -0.61 0.00	32.95 -0.60 0.00	33.88 -0.62 0.00	34.44 -0.67 0.00	36.05 -0.66 0.00	36.82 -0.64 0.00	38.79 -0.83 0.00	38.21 -0.78 0.00	44.46 -1.06 0.65	53.59 -1.18 1.26	59.59 -1.19 1.71	65.76 -1.17 1.72	61.04 -1.02 1.69	53.35 -0.83 0.98	45.44 -0.79 0.23	38.28 -0.74 0.00
E_CANADA_CAP_HY 24051	40.25 1.44 0.00	37.05 1.36 0.00	33.77 1.24 0.00	33.65 1.23 0.00	33.01 1.21 0.00	34.63 1.33 0.00	37.87 1.17 0.00	38.74 0.50 0.00	35.57 -0.21 0.00	33.09 -0.47 0.00	34.02 -0.48 0.00	34.79 -0.32 0.00	36.31 -0.40 0.00	37.01 -0.45 0.00	39.27 -0.36 0.00	38.76 -0.23 0.00	45.99 -0.18 0.00	56.42 0.39 0.00	64.30 1.81 0.00	71.67 3.02 0.00	66.81 3.06 0.00	57.64 2.48 0.00	48.50 2.04 0.00	40.59 1.56 0.00
E_CANADA_MHWK_HY 24050	39.28 0.47 0.00	36.12 0.43 0.00	32.89 0.36 0.00	32.78 0.36 0.00	32.15 0.35 0.00	33.73 0.43 0.00	37.17 0.48 0.00	38.70 0.46 0.00	36.18 0.39 0.00	33.89 0.34 0.00	34.81 0.31 0.00	35.36 0.25 0.00	36.97 0.26 0.00	37.68 0.23 0.00	39.86 0.24 0.00	39.22 0.24 0.00	46.45 0.28 0.00	56.30 0.28 0.00	62.93 0.44 0.00	69.34 0.69 0.00	64.38 0.64 0.00	55.76 0.61 0.00	47.16 0.70 0.00	39.65 0.62 0.00
E_FISHKILL___LBMP 23776	40.33 1.51 0.00	37.05 1.36 0.00	33.87 1.33 0.00	33.68 1.26 0.00	33.04 1.24 0.00	34.50 1.20 0.00	38.12 1.43 0.00	40.00 1.76 0.00	37.50 1.72 0.00	35.40 1.85 0.00	36.57 2.07 0.00	37.29 2.18 0.00	38.95 2.24 0.00	39.93 2.47 0.00	42.52 2.89 0.00	42.39 2.85 -0.55	49.73 3.56 0.00	60.33 4.31 0.00	66.55 4.06 0.00	72.84 4.19 0.00	67.19 3.44 0.00	57.91 2.76 0.00	48.83 2.37 0.00	41.05 2.03 0.00
FALCON___SEABRD_CC1 323796	38.70 -0.12 0.00	35.55 -0.14 0.00	32.37 -0.16 0.00	32.26 -0.16 0.00	31.67 -0.13 0.00	33.13 -0.17 0.00	36.55 -0.15 0.00	38.09 -0.15 0.00	35.64 -0.14 0.00	33.32 -0.23 0.00	34.09 -0.41 0.00	34.55 -0.56 0.00	36.09 -0.62 0.00	36.71 -0.75 0.00	38.79 -0.83 0.00	38.21 -0.78 0.00	45.43 -0.74 0.00	55.18 -0.84 0.00	61.92 -0.56 0.00	68.31 -0.34 0.00	63.30 -0.44 0.00	54.71 -0.44 0.00	46.19 -0.28 0.00	38.79 -0.23 0.00
FALCON___SEABRD_CC2 323797	38.70 -0.12 0.00	35.55 -0.14 0.00	32.37 -0.16 0.00	32.26 -0.16 0.00	31.67 -0.13 0.00	33.13 -0.17 0.00	36.55 -0.15 0.00	38.09 -0.15 0.00	35.64 -0.14 0.00	33.32 -0.23 0.00	34.09 -0.41 0.00	34.55 -0.56 0.00	36.09 -0.62 0.00	36.71 -0.75 0.00	38.79 -0.83 0.00	38.21 -0.78 0.00	45.43 -0.74 0.00	55.18 -0.84 0.00	61.92 -0.56 0.00	68.31 -0.34 0.00	63.30 -0.44 0.00	54.71 -0.44 0.00	46.19 -0.28 0.00	38.79 -0.23 0.00

FAR ROCKAWAY___4 23548	41.80 2.99 0.00	38.30 2.61 0.00	34.84 2.31 0.00	34.59 2.17 0.00	33.90 2.10 0.00	35.43 2.13 0.00	39.30 2.61 0.00	41.49 3.25 0.00	39.01 3.22 0.00	36.81 3.25 0.00	41.42 3.55 -3.36	40.97 3.65 -2.21	43.80 3.82 -3.27	47.11 4.12 -5.54	51.33 4.64 -7.07	92.22 4.68 -48.55	81.34 5.77 -29.40	86.23 7.06 -23.16	99.59 7.19 -29.91	87.90 7.62 -11.62	89.89 6.50 -19.64	70.94 5.29 -10.49	50.83 4.37 0.00	42.69 3.67 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.83 2.02 0.00	37.48 1.78 0.00	34.29 1.76 0.00	34.04 1.62 0.00	33.45 1.65 0.00	34.86 1.56 0.00	38.60 1.91 0.00	40.57 2.33 0.00	38.22 2.43 0.00	36.14 2.58 0.00	37.50 2.90 -0.10	38.21 3.02 -0.08	39.93 3.12 -0.10	41.02 3.41 -0.16	44.16 3.88 -0.65	58.28 3.86 -15.43	61.75 4.76 -10.82	63.49 5.77 -1.70	67.99 5.50 0.00	74.42 5.77 0.00	68.46 4.72 0.00	58.96 3.81 0.00	49.71 3.25 0.00	41.79 2.77 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.83 2.02 0.00	37.51 1.82 0.00	34.29 1.76 0.00	34.07 1.65 0.00	33.45 1.65 0.00	34.90 1.60 0.00	38.60 1.91 0.00	40.57 2.33 0.00	38.22 2.43 0.00	36.14 2.58 0.00	37.50 2.90 -0.10	38.21 3.02 -0.08	39.93 3.12 -0.10	41.02 3.41 -0.16	44.16 3.88 -0.65	58.28 3.86 -15.43	61.75 4.76 -10.82	63.55 5.83 -1.70	67.99 5.50 0.00	74.42 5.77 0.00	68.46 4.72 0.00	58.96 3.81 0.00	49.71 3.25 0.00	41.79 2.77 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.79 1.98 0.00	37.48 1.78 0.00	34.29 1.76 0.00	34.04 1.62 0.00	33.42 1.62 0.00	34.86 1.56 0.00	38.60 1.91 0.00	40.53 2.29 0.00	38.18 2.40 0.00	36.11 2.55 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.89 3.08 -0.10	40.99 3.37 -0.16	44.12 3.84 -0.65	58.24 3.82 -15.43	61.70 4.71 -10.82	63.49 5.77 -1.70	67.92 5.44 0.00	74.35 5.70 0.00	68.40 4.65 0.00	58.90 3.75 0.00	49.67 3.21 0.00	41.76 2.73 0.00
FARRAGUT___LBMP 323566	40.79 1.98 0.00	37.44 1.75 0.00	34.26 1.72 0.00	34.01 1.59 0.00	33.42 1.62 0.00	34.83 1.53 0.00	38.56 1.87 0.00	40.53 2.29 0.00	38.18 2.40 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.08 3.80 -0.65	58.20 3.78 -15.43	61.66 4.66 -10.82	63.44 5.71 -1.70	67.86 5.37 0.00	74.28 5.63 0.00	68.34 4.59 0.00	58.85 3.70 0.00	49.62 3.16 0.00	41.72 2.69 0.00
FARRCKWY_69_KV_BK2 55825	41.80 2.99 0.00	38.30 2.61 0.00	34.84 2.31 0.00	34.59 2.17 0.00	33.90 2.10 0.00	35.43 2.13 0.00	39.30 2.61 0.00	41.49 3.25 0.00	39.01 3.22 0.00	36.81 3.25 0.00	41.42 3.55 -3.36	40.97 3.65 -2.21	43.80 3.82 -3.27	47.11 4.12 -5.54	51.33 4.64 -7.07	92.22 4.68 -48.55	81.34 5.77 -29.40	86.23 7.06 -23.16	99.59 7.19 -29.91	87.90 7.62 -11.62	89.89 6.50 -19.64	70.94 5.29 -10.49	50.83 4.37 0.00	42.69 3.67 0.00
FENNER___WINDPWR 24204	39.28 0.47 0.00	36.15 0.46 0.00	32.89 0.36 0.00	32.81 0.39 0.00	32.18 0.38 0.00	33.80 0.50 0.00	37.17 0.48 0.00	38.54 0.30 0.00	36.00 0.22 0.00	33.66 0.10 0.00	34.57 0.07 0.00	35.15 0.04 0.00	36.78 0.07 0.00	37.53 0.08 0.00	39.70 0.08 0.00	39.11 0.12 0.00	46.00 0.09 0.27	55.84 0.34 0.52	62.53 0.75 0.71	69.18 1.24 0.71	64.32 1.27 0.70	55.85 1.10 0.40	47.11 0.74 0.10	39.65 0.62 0.00
FIBERTEK___ENERGY 23856	38.58 -0.23 0.00	35.51 -0.18 0.00	32.30 -0.23 0.00	32.19 -0.23 0.00	31.61 -0.19 0.00	33.13 -0.17 0.00	36.47 -0.22 0.00	37.82 -0.42 0.00	35.46 -0.32 0.00	33.22 -0.34 0.00	34.12 -0.38 0.00	34.69 -0.42 0.00	36.34 -0.37 0.00	37.12 -0.34 0.00	39.11 -0.52 0.00	38.52 -0.47 0.00	45.53 -0.65 0.00	55.35 -0.67 0.00	61.92 -0.56 0.00	68.24 -0.41 0.00	63.43 -0.32 0.00	54.93 -0.22 0.00	46.18 -0.28 0.00	38.71 -0.31 0.00
FITZPATRICK___ 23598	37.68 -1.13 0.00	34.69 -1.00 0.00	31.59 -0.94 0.00	31.48 -0.94 0.00	30.88 -0.92 0.00	32.40 -0.90 0.00	35.67 -1.03 0.00	37.09 -1.15 0.00	34.78 -1.00 0.00	32.58 -0.97 0.00	33.47 -1.03 0.00	34.06 -1.05 0.00	35.65 -1.07 0.00	36.33 -1.12 0.00	38.24 -1.39 0.00	37.62 -1.37 0.00	44.52 -1.66 0.00	54.06 -1.96 0.00	60.36 -2.12 0.00	66.45 -2.20 0.00	61.77 -1.98 0.00	53.44 -1.71 0.00	44.88 -1.58 0.00	37.93 -1.09 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.71 1.90 0.00	37.44 1.75 0.00	34.19 1.66 0.00	33.98 1.56 0.00	33.36 1.56 0.00	34.83 1.53 0.00	38.53 1.83 0.00	40.34 2.10 0.00	37.79 2.00 0.00	35.60 2.05 0.00	36.74 2.24 0.00	37.46 2.35 0.00	39.21 2.50 0.00	40.19 2.73 0.00	42.83 3.21 0.00	42.19 3.20 0.00	50.24 4.06 0.00	61.17 5.15 0.00	67.55 5.06 0.00	74.00 5.35 0.00	68.21 4.46 0.00	58.68 3.53 0.00	49.44 2.97 0.00	41.48 2.46 0.00
FORT ORANGE___ 23900	39.35 0.54 0.00	36.44 0.75 0.00	33.28 0.75 0.00	33.13 0.71 0.00	32.50 0.70 0.00	34.00 0.70 0.00	37.43 0.73 0.00	38.89 0.65 0.00	36.07 0.28 0.00	33.79 0.24 0.00	34.78 0.27 0.00	35.53 0.42 0.00	37.12 0.40 0.00	37.87 0.41 0.00	40.22 0.60 0.00	39.61 0.62 0.00	46.96 0.78 0.00	56.86 0.84 0.00	63.36 0.87 0.00	69.48 0.83 0.00	64.64 0.89 0.00	55.87 0.72 0.00	47.16 0.70 0.00	39.53 0.51 0.00
FORT_DRUM_COGEN 23780	39.39 0.58 0.00	36.23 0.54 0.00	32.82 0.29 0.00	32.74 0.32 0.00	32.21 0.41 0.00	34.00 0.70 0.00	37.35 0.66 0.00	38.39 0.15 0.00	35.68 -0.11 0.00	33.12 -0.44 0.00	33.88 -0.62 0.00	34.37 -0.74 0.00	36.01 -0.70 0.00	36.56 -0.90 0.00	38.79 -0.83 0.00	38.25 -0.74 0.00	45.21 -0.97 0.00	55.18 -0.84 0.00	62.86 0.37 0.00	70.50 1.85 0.00	65.79 2.04 0.00	56.81 1.65 0.00	47.67 1.21 0.00	39.88 0.86 0.00
FOX_HILLS___ESR 323835	33.29 1.82 7.34	37.19 1.50 0.00	34.00 1.47 0.00	33.67 1.26 0.01	33.03 1.24 0.01	34.29 1.00 0.01	38.00 1.32 0.01	39.80 1.57 0.01	37.75 1.97 0.00	35.87 2.31 0.00	37.36 2.76 -0.10	38.07 2.88 -0.08	39.63 2.83 -0.10	40.80 3.18 -0.16	44.01 3.72 -0.66	58.36 3.78 -15.59	61.59 4.48 -10.94	63.17 5.43 -1.72	67.20 4.75 0.03	73.56 4.95 0.03	67.60 3.89 0.03	58.46 3.31 0.00	49.44 2.98 0.00	41.13 2.11 0.00
FPL_FAR_ROCK_GT1 24212	41.80 2.99 0.00	38.30 2.60 0.00	34.81 2.28 0.00	34.63 2.21 0.00	33.86 2.07 0.00	35.36 2.07 0.00	39.26 2.57 0.00	41.31 3.06 -0.01	39.01 3.22 -0.01	36.78 3.22 -0.01	41.42 3.55 -3.36	40.97 3.65 -2.21	43.80 3.82 -3.27	47.11 4.12 -5.54	51.36 4.67 -7.07	92.25 4.72 -48.55	81.34 5.77 -29.40	86.29 7.12 -23.16	99.52 7.12 -29.91	87.89 7.62 -11.62	89.89 6.51 -19.64	70.94 5.30 -10.49	50.93 4.46 -0.01	42.47 3.43 -0.01
FPL_FAR_ROCK_GT2 23815	41.80 2.99 0.00	38.30 2.60 0.00	34.81 2.28 0.00	34.63 2.21 0.00	33.86 2.07 0.00	35.36 2.07 0.00	39.26 2.57 0.00	41.31 3.06 -0.01	39.01 3.22 -0.01	36.78 3.22 -0.01	41.42 3.55 -3.36	40.97 3.65 -2.21	43.80 3.82 -3.27	47.11 4.12 -5.54	51.36 4.67 -7.07	92.25 4.72 -48.55	81.34 5.77 -29.40	86.29 7.12 -23.16	99.52 7.12 -29.91	87.89 7.62 -11.62	89.89 6.51 -19.64	70.94 5.30 -10.49	50.93 4.46 -0.01	42.47 3.43 -0.01

FRANKLIN_FALL_HYD 24054	38.54 -0.27 0.00	35.41 -0.29 0.00	32.21 -0.33 0.00	32.10 -0.32 0.00	31.51 -0.29 0.00	33.00 -0.30 0.00	36.36 -0.33 0.00	37.90 -0.34 0.00	35.46 -0.32 0.00	33.09 -0.47 0.00	33.88 -0.62 0.00	34.34 -0.77 0.00	35.90 -0.81 0.00	36.44 -1.01 0.00	38.55 -1.07 0.00	37.94 -1.05 0.00	45.16 -1.02 0.00	54.84 -1.18 0.00	61.67 -0.81 0.00	68.24 -0.41 0.00	63.17 -0.57 0.00	54.60 -0.55 0.00	46.00 -0.46 0.00	38.71 -0.31 0.00
FREEPORT_EQUS_GT1 23764	41.64 2.83 0.00	38.15 2.46 0.00	34.65 2.11 0.00	34.46 2.04 0.00	33.74 1.94 0.00	35.23 1.93 0.00	39.15 2.46 0.00	41.15 2.90 -0.01	38.90 3.11 -0.01	36.72 3.15 -0.01	41.28 3.42 -3.36	40.86 3.54 -2.21	43.65 3.67 -3.27	46.93 3.93 -5.54	51.17 4.48 -7.07	67.40 4.52 -23.89	64.31 5.49 -12.64	72.04 6.72 -9.30	81.19 6.69 -12.01	80.45 7.14 -4.66	77.55 5.93 -7.88	64.21 4.85 -4.21	50.74 4.27 -0.01	42.31 3.28 -0.01
FREEPORT___CT2 23818	41.64 2.83 0.00	38.15 2.46 0.00	34.65 2.11 0.00	34.46 2.04 0.00	33.74 1.94 0.00	35.23 1.93 0.00	39.15 2.46 0.00	41.15 2.90 -0.01	38.90 3.11 -0.01	36.72 3.15 -0.01	41.28 3.42 -3.36	40.86 3.54 -2.21	43.65 3.67 -3.27	46.93 3.93 -5.54	51.17 4.48 -7.07	67.40 4.52 -23.89	64.31 5.49 -12.64	72.04 6.72 -9.30	81.19 6.69 -12.01	80.45 7.14 -4.66	77.55 5.93 -7.88	64.21 4.85 -4.21	50.74 4.27 -0.01	42.31 3.28 -0.01
FRESHKLS_33_KV_LOAD 356253	33.33 1.86 7.34	37.23 1.53 0.00	34.03 1.50 0.00	33.67 1.26 0.01	33.03 1.24 0.01	34.29 1.00 0.01	38.00 1.32 0.01	39.76 1.53 0.01	37.75 1.97 0.00	35.90 2.35 0.00	37.39 2.79 -0.10	38.14 2.95 -0.08	39.63 2.83 -0.10	40.80 3.18 -0.16	44.05 3.77 -0.66	58.40 3.82 -15.59	61.59 4.48 -10.94	63.24 5.49 -1.72	67.20 4.75 0.03	73.56 4.95 0.03	67.60 3.89 0.03	58.52 3.36 0.00	49.48 3.02 0.00	41.13 2.11 0.00
FULTON COGEN____ 23766	38.07 -0.74 0.00	35.05 -0.64 0.00	31.91 -0.62 0.00	31.80 -0.62 0.00	31.19 -0.60 0.00	32.73 -0.57 0.00	36.03 -0.66 0.00	37.40 -0.84 0.00	35.11 -0.68 0.00	32.85 -0.70 0.00	33.78 -0.72 0.00	34.34 -0.77 0.00	35.94 -0.77 0.00	36.67 -0.79 0.00	38.67 -0.95 0.00	38.05 -0.94 0.00	45.84 -1.20 -0.87	56.35 -1.34 -1.67	63.39 -1.37 -2.28	69.64 -1.30 -2.29	64.84 -1.15 -2.24	55.46 -0.99 -1.30	45.89 -0.88 -0.31	38.20 -0.82 0.00
FULTON___LFGE 323630	40.37 1.55 0.00	37.19 1.50 0.00	33.90 1.37 0.00	33.78 1.36 0.00	33.13 1.34 0.00	34.76 1.46 0.00	37.94 1.25 0.00	38.78 0.54 0.00	35.54 -0.25 0.00	32.98 -0.57 0.00	33.88 -0.62 0.00	34.69 -0.42 0.00	36.20 -0.51 0.00	36.85 -0.60 0.00	39.15 -0.47 0.00	38.64 -0.35 0.00	46.04 -0.14 0.00	56.42 0.39 0.00	64.36 1.87 0.00	71.88 3.23 0.00	67.06 3.31 0.00	57.86 2.70 0.00	48.65 2.18 0.00	40.66 1.64 0.00
G.F.CEMENT___DRP 24184	40.13 1.32 0.00	37.01 1.32 0.00	33.80 1.27 0.00	33.65 1.23 0.00	33.04 1.24 0.00	34.60 1.30 0.00	38.05 1.36 0.00	39.31 1.07 0.00	36.32 0.54 0.00	33.89 0.34 0.00	34.60 0.10 0.00	35.53 0.42 0.00	36.86 0.15 0.00	37.34 -0.11 0.00	39.66 0.04 0.00	39.22 0.23 0.00	46.78 0.60 0.00	56.86 0.84 0.00	64.49 2.00 0.00	71.19 2.54 0.00	66.74 3.00 0.00	57.58 2.43 0.00	48.27 1.81 0.00	40.55 1.52 0.00
GARDENVILLE___LBMP 24039	35.63 -3.18 0.00	32.91 -2.78 0.00	29.90 -2.64 0.00	29.63 -2.79 0.00	29.32 -2.48 0.00	30.70 -2.60 0.00	33.32 -3.38 0.00	34.34 -3.90 0.00	32.78 -3.01 0.00	30.74 -2.82 0.00	31.57 -2.93 0.00	31.85 -3.27 0.00	33.52 -3.19 0.00	34.38 -3.07 0.00	36.18 -3.45 0.00	35.99 -3.00 0.00	40.50 -4.57 1.10	48.35 -5.55 2.12	53.72 -5.87 2.89	59.76 -5.97 2.91	55.86 -5.04 2.85	49.75 -3.75 1.66	42.49 -3.58 0.40	35.86 -3.16 0.00
GARDNVLA_35_KV_LD 355827	35.78 -3.03 0.00	33.02 -2.68 0.00	29.99 -2.54 0.00	29.73 -2.69 0.00	29.41 -2.38 0.00	30.83 -2.46 0.00	33.43 -3.27 0.00	34.49 -3.75 0.00	32.92 -2.86 0.00	30.87 -2.68 0.00	31.71 -2.79 0.00	32.02 -3.09 0.00	33.70 -3.01 0.00	34.57 -2.88 0.00	36.37 -3.25 0.00	36.22 -2.77 0.00	40.74 -4.34 1.10	48.64 -5.27 2.12	54.04 -5.56 2.88	60.11 -5.63 2.91	56.18 -4.72 2.84	49.97 -3.53 1.65	42.63 -3.44 0.39	36.02 -3.00 0.00
GELCKHM___115KV_LOAD 80723	38.31 -0.50 0.00	35.26 -0.43 0.00	32.08 -0.46 0.00	31.97 -0.45 0.00	31.39 -0.41 0.00	32.90 -0.40 0.00	36.22 -0.48 0.00	37.59 -0.65 0.00	35.28 -0.50 0.00	33.05 -0.50 0.00	33.98 -0.52 0.00	34.55 -0.56 0.00	36.16 -0.55 0.00	36.93 -0.52 0.00	38.91 -0.71 0.00	38.33 -0.66 0.00	44.86 -0.88 0.44	54.17 -1.01 0.84	60.40 -0.94 1.15	66.60 -0.89 1.15	61.85 -0.76 1.13	53.89 -0.61 0.66	45.70 -0.60 0.16	38.44 -0.59 0.00
GENERAL___MILLS 23808	35.71 -3.10 0.00	32.94 -2.75 0.00	29.93 -2.60 0.00	29.66 -2.76 0.00	29.35 -2.45 0.00	30.77 -2.53 0.00	33.35 -3.34 0.00	34.38 -3.86 0.00	32.81 -2.97 0.00	30.80 -2.75 0.00	31.64 -2.86 0.00	31.92 -3.20 0.00	33.59 -3.12 0.00	34.46 -3.00 0.00	36.26 -3.37 0.00	36.10 -2.89 0.00	40.55 -4.53 1.10	48.41 -5.49 2.12	53.79 -5.81 2.89	59.84 -5.90 2.91	55.93 -4.97 2.85	49.75 -3.75 1.65	42.49 -3.58 0.39	35.94 -3.08 0.00
GE_PLASTICS___DRP 24183	39.24 0.43 0.00	36.26 0.57 0.00	33.12 0.59 0.00	33.00 0.58 0.00	32.34 0.54 0.00	33.83 0.53 0.00	37.24 0.55 0.00	38.81 0.57 0.00	36.07 0.29 0.00	33.86 0.30 0.00	34.85 0.35 0.00	35.57 0.46 0.00	37.15 0.44 0.00	37.94 0.49 0.00	40.22 0.59 0.00	39.57 0.58 0.00	46.91 0.74 0.00	56.75 0.73 0.00	63.17 0.69 0.00	69.20 0.55 0.00	64.32 0.57 0.00	55.65 0.50 0.00	46.93 0.46 0.00	39.57 0.55 0.00
GILBOA___1 23756	39.43 0.62 0.00	36.34 0.64 0.00	33.15 0.62 0.00	33.00 0.58 0.00	32.37 0.57 0.00	33.83 0.53 0.00	37.32 0.62 0.00	38.89 0.65 0.00	36.39 0.61 0.00	34.19 0.64 0.00	35.19 0.69 0.00	35.88 0.77 0.00	37.52 0.81 0.00	38.32 0.86 0.00	40.69 1.07 0.00	40.00 1.01 0.00	47.37 1.20 0.00	57.42 1.40 0.00	63.86 1.37 0.00	69.89 1.24 0.00	64.76 1.02 0.00	56.15 0.99 0.00	47.34 0.88 0.00	39.69 0.66 0.00
GILBOA___2 23757	39.43 0.62 0.00	36.34 0.64 0.00	33.15 0.62 0.00	33.00 0.58 0.00	32.37 0.57 0.00	33.83 0.53 0.00	37.32 0.62 0.00	38.89 0.65 0.00	36.39 0.61 0.00	34.19 0.64 0.00	35.19 0.69 0.00	35.88 0.77 0.00	37.52 0.81 0.00	38.32 0.86 0.00	40.69 1.07 0.00	40.00 1.01 0.00	47.37 1.20 0.00	57.42 1.40 0.00	63.86 1.37 0.00	69.89 1.24 0.00	64.76 1.02 0.00	56.15 0.99 0.00	47.34 0.88 0.00	39.69 0.66 0.00
GILBOA___3 23758	39.43 0.62 0.00	36.34 0.64 0.00	33.15 0.62 0.00	33.00 0.58 0.00	32.37 0.57 0.00	33.83 0.53 0.00	37.32 0.62 0.00	38.89 0.65 0.00	36.39 0.61 0.00	34.19 0.64 0.00	35.19 0.69 0.00	35.88 0.77 0.00	37.52 0.81 0.00	38.32 0.86 0.00	40.69 1.07 0.00	40.00 1.01 0.00	47.37 1.20 0.00	57.42 1.40 0.00	63.86 1.37 0.00	69.89 1.24 0.00	64.76 1.02 0.00	56.15 0.99 0.00	47.34 0.88 0.00	39.69 0.66 0.00

GILBOA___4 23759	39.43 0.62 0.00	36.34 0.64 0.00	33.15 0.62 0.00	33.00 0.58 0.00	32.37 0.57 0.00	33.83 0.53 0.00	37.32 0.62 0.00	38.89 0.65 0.00	36.39 0.61 0.00	34.19 0.64 0.00	35.19 0.69 0.00	35.88 0.77 0.00	37.52 0.81 0.00	38.32 0.86 0.00	40.69 1.07 0.00	40.00 1.01 0.00	47.37 1.20 0.00	57.42 1.40 0.00	63.86 1.37 0.00	69.89 1.24 0.00	64.76 1.02 0.00	56.15 0.99 0.00	47.34 0.88 0.00	39.69 0.66 0.00
GILBOA____ 23599	39.43 0.62 0.00	36.33 0.64 0.00	33.15 0.62 0.00	33.13 0.71 0.00	32.37 0.57 0.00	33.86 0.57 0.00	37.32 0.62 0.00	38.93 0.69 0.00	36.39 0.61 0.00	34.19 0.64 0.00	35.19 0.69 0.00	35.88 0.77 0.00	37.52 0.81 0.00	38.32 0.86 0.00	40.65 1.03 0.00	40.00 1.01 0.00	47.38 1.20 0.00	57.42 1.40 0.00	63.86 1.37 0.00	69.89 1.24 0.00	64.83 1.08 0.00	56.15 0.99 0.00	47.30 0.84 0.00	39.84 0.82 0.00
GINNA____ 23603	35.74 -3.07 0.00	32.84 -2.86 0.00	29.93 -2.60 0.00	29.86 -2.56 0.00	29.32 -2.48 0.00	30.83 -2.46 0.00	33.76 -2.94 0.00	35.11 -3.13 0.00	33.03 -2.75 0.00	30.90 -2.65 0.00	31.67 -2.83 0.00	32.09 -3.02 0.00	33.66 -3.05 0.00	34.38 -3.07 0.00	36.26 -3.37 0.00	35.91 -3.08 0.00	41.26 -3.70 1.22	49.40 -4.26 2.36	54.77 -4.50 3.21	60.95 -4.46 3.24	56.69 -3.89 3.17	50.06 -3.25 1.84	42.40 -3.62 0.44	36.10 -2.93 0.00
GLEN PARK____ 23778	39.51 0.70 0.00	36.34 0.64 0.00	32.92 0.39 0.00	32.91 0.49 0.00	32.31 0.51 0.00	34.13 0.83 0.00	37.46 0.77 0.00	38.51 0.27 0.00	35.75 -0.04 0.00	33.19 -0.37 0.00	33.91 -0.59 0.00	34.41 -0.70 0.00	36.09 -0.62 0.00	36.60 -0.86 0.00	38.79 -0.83 0.00	38.33 -0.66 0.00	45.35 -0.83 0.00	55.35 -0.67 0.00	63.05 0.56 0.00	70.85 2.20 0.00	66.17 2.42 0.00	57.08 1.93 0.00	47.81 1.35 0.00	40.12 1.09 0.00
GLENDALE_27_KV_LOAD 356172	40.95 2.13 0.00	37.55 1.86 0.00	34.42 1.89 0.00	34.14 1.72 0.00	33.55 1.75 0.00	34.96 1.66 0.00	38.60 1.91 0.00	40.61 2.37 0.00	38.29 2.50 0.00	36.27 2.72 0.00	37.64 3.04 -0.10	38.35 3.16 -0.08	40.07 3.27 -0.10	41.18 3.56 -0.16	44.29 4.00 -0.66	58.59 4.02 -15.59	61.97 4.85 -10.94	63.68 5.94 -1.72	68.05 5.56 0.00	74.42 5.77 0.00	68.46 4.72 0.00	58.96 3.81 0.00	49.81 3.35 0.00	41.91 2.89 0.00
GLENWOOD_IC_1_G5 23712	41.18 2.37 0.00	37.76 2.07 0.00	34.42 1.89 0.00	34.20 1.78 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.82 2.13 0.00	40.92 2.68 0.00	38.47 2.68 0.00	36.31 2.75 0.00	40.90 3.04 -3.36	40.48 3.16 -2.21	43.29 3.30 -3.27	46.55 3.56 -5.54	50.73 4.04 -7.07	62.81 4.05 -19.76	61.00 4.99 -9.84	68.94 5.94 -6.98	77.13 5.62 -9.02	78.05 5.90 -3.50	74.50 4.84 -5.91	62.55 4.25 -3.15	50.04 3.58 0.00	42.07 3.04 0.00
GLENWOOD_IC_2_G1 23688	40.94 2.13 0.00	37.58 1.89 0.00	34.25 1.72 0.00	34.07 1.65 0.00	33.39 1.59 0.00	34.83 1.53 0.00	38.60 1.91 0.00	40.50 2.26 -0.01	38.23 2.43 -0.01	36.08 2.52 -0.01	40.66 2.79 -3.36	40.23 2.91 -2.21	42.99 3.01 -3.27	46.29 3.30 -5.54	50.46 3.77 -7.07	56.77 3.74 -14.04	56.74 4.62 -5.95	65.39 5.60 -3.76	72.72 5.37 -4.86	76.22 5.69 -1.88	71.58 4.65 -3.18	60.65 3.80 -1.70	49.82 3.35 -0.01	41.53 2.50 -0.01
GLENWOOD_IC_3_G1 23689	40.94 2.13 0.00	37.58 1.89 0.00	34.25 1.72 0.00	34.07 1.65 0.00	33.39 1.59 0.00	34.83 1.53 0.00	38.60 1.91 0.00	40.50 2.26 -0.01	38.23 2.43 -0.01	36.08 2.52 -0.01	40.66 2.79 -3.36	40.23 2.91 -2.21	42.99 3.01 -3.27	46.29 3.30 -5.54	50.46 3.77 -7.07	56.77 3.74 -14.04	56.74 4.62 -5.95	65.39 5.60 -3.76	72.72 5.37 -4.86	76.22 5.69 -1.88	71.58 4.65 -3.18	60.65 3.80 -1.70	49.82 3.35 -0.01	41.53 2.50 -0.01
GLENWOOD___4 23550	41.18 2.37 0.00	37.76 2.07 0.00	34.42 1.89 0.00	34.20 1.78 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.82 2.13 0.00	40.92 2.68 0.00	38.47 2.68 0.00	36.31 2.75 0.00	40.90 3.04 -3.36	40.48 3.16 -2.21	43.29 3.30 -3.27	46.55 3.56 -5.54	50.73 4.04 -7.07	62.81 4.05 -19.76	61.00 4.99 -9.84	68.99 5.99 -6.98	77.25 5.75 -9.02	78.19 6.04 -3.50	74.63 4.97 -5.91	62.55 4.25 -3.15	50.04 3.58 0.00	42.07 3.04 0.00
GLENWOOD___5 23614	41.18 2.37 0.00	37.76 2.07 0.00	34.42 1.89 0.00	34.20 1.78 0.00	33.55 1.75 0.00	35.03 1.73 0.00	38.82 2.13 0.00	40.92 2.68 0.00	38.47 2.68 0.00	36.31 2.75 0.00	40.90 3.04 -3.36	40.48 3.16 -2.21	43.29 3.30 -3.27	46.55 3.56 -5.54	50.73 4.04 -7.07	62.81 4.05 -19.76	61.00 4.99 -9.84	68.99 5.99 -6.98	77.25 5.75 -9.02	78.19 6.04 -3.50	74.63 4.97 -5.91	62.55 4.25 -3.15	50.04 3.58 0.00	42.07 3.04 0.00
GLOBAL GREEN_PORT_GT1 23814	43.08 4.27 0.00	39.65 3.96 0.00	35.91 3.38 0.00	35.69 3.27 0.00	34.88 3.08 0.00	36.49 3.20 0.00	40.58 3.89 0.00	42.64 4.40 -0.01	40.59 4.80 -0.01	38.56 5.00 -0.01	43.07 5.21 -3.36	42.45 5.13 -2.21	45.19 5.21 -3.27	48.46 5.47 -5.54	52.79 6.10 -7.07	54.92 6.04 -9.88	56.83 7.53 -3.13	66.97 9.52 -1.43	73.95 9.62 -1.84	79.45 10.10 -0.71	73.17 8.23 -1.20	62.68 6.89 -0.64	52.51 6.04 -0.01	43.83 4.80 -0.01
GLOBE___DSASP 323697	34.50 -4.31 0.00	31.87 -3.82 0.00	28.92 -3.61 0.00	29.15 -3.27 0.00	28.33 -3.47 0.00	29.67 -3.63 0.00	32.18 -4.51 0.00	33.23 -5.01 0.00	31.85 -3.94 0.00	29.86 -3.69 0.00	30.64 -3.86 0.00	30.93 -4.18 0.00	32.49 -4.22 0.00	33.30 -4.16 0.00	35.03 -4.60 0.00	34.74 -4.25 0.00	39.32 -5.68 1.17	46.69 -7.06 2.27	51.66 -7.75 3.08	57.52 -8.03 3.10	53.81 -6.88 3.05	48.09 -5.29 1.76	41.30 -4.74 0.42	34.50 -4.53 0.00
GOETHSLN___LBMP 323567	33.26 1.79 7.34	37.26 1.57 0.00	34.09 1.56 0.00	33.83 1.43 0.01	33.25 1.46 0.01	34.65 1.37 0.01	38.37 1.69 0.01	40.33 2.10 0.01	38.00 2.22 0.00	35.94 2.38 0.00	37.29 2.69 -0.10	38.00 2.81 -0.08	39.71 2.90 -0.10	40.76 3.15 -0.16	43.88 3.61 -0.65	58.01 3.59 -15.43	61.43 4.43 -10.82	63.16 5.43 -1.70	65.23 5.06 2.32	70.44 5.29 3.50	65.23 4.27 2.78	58.57 3.42 0.00	49.39 2.93 0.00	41.56 2.54 0.00
GOLAH___69_KV_TB 1_2 80279	37.18 -1.63 0.00	34.19 -1.50 0.00	31.07 -1.46 0.00	30.83 -1.59 0.00	30.40 -1.40 0.00	31.93 -1.37 0.00	34.93 -1.76 0.00	36.06 -2.18 0.00	34.14 -1.65 0.00	32.01 -1.54 0.00	32.81 -1.69 0.00	33.22 -1.90 0.00	34.91 -1.80 0.00	35.66 -1.80 0.00	37.56 -2.06 0.00	37.27 -1.72 0.00	42.63 -2.31 1.23	51.01 -2.63 2.38	56.81 -2.44 3.24	63.33 -2.06 3.26	58.96 -1.59 3.19	52.25 -1.05 1.85	44.86 -1.16 0.44	37.50 -1.52 0.00
GOODYEAR_LAKE_HYD 323669	39.82 1.01 0.00	36.58 0.89 0.00	33.31 0.78 0.00	33.23 0.81 0.00	32.56 0.76 0.00	34.16 0.87 0.00	37.54 0.84 0.00	38.97 0.73 0.00	36.36 0.57 0.00	34.09 0.54 0.00	35.09 0.59 0.00	35.71 0.60 0.00	37.37 0.66 0.00	38.20 0.75 0.00	40.53 0.91 0.00	39.89 0.90 0.00	47.24 1.06 0.00	57.59 1.57 0.00	64.49 2.00 0.00	71.12 2.47 0.00	65.98 2.23 0.00	57.03 1.88 0.00	47.95 1.49 0.00	40.23 1.21 0.00

GOUDEY___1 345031	38.97 0.16 0.00	35.91 0.21 0.00	32.66 0.13 0.00	32.55 0.13 0.00	31.96 0.16 0.00	33.53 0.23 0.00	36.84 0.15 0.00	38.20 -0.04 0.00	35.82 0.04 0.00	33.59 0.03 0.00	34.54 0.03 0.00	35.08 -0.04 0.00	36.75 0.04 0.00	37.57 0.11 0.00	39.74 0.12 0.00	39.22 0.23 0.00	45.93 0.05 0.29	55.63 0.17 0.56	62.03 0.31 0.76	68.43 0.55 0.77	63.63 0.64 0.75	55.32 0.61 0.44	46.73 0.37 0.10	39.34 0.31 0.00
GOUDEY___7 23579	38.97 0.16 0.00	35.91 0.21 0.00	32.66 0.13 0.00	32.55 0.13 0.00	31.96 0.16 0.00	33.53 0.23 0.00	36.84 0.15 0.00	38.20 -0.04 0.00	35.82 0.04 0.00	33.59 0.03 0.00	34.54 0.03 0.00	35.08 -0.04 0.00	36.75 0.04 0.00	37.57 0.11 0.00	39.74 0.12 0.00	39.22 0.23 0.00	45.93 0.05 0.29	55.63 0.17 0.56	62.03 0.31 0.76	68.43 0.55 0.77	63.63 0.64 0.75	55.32 0.61 0.44	46.73 0.37 0.10	39.34 0.31 0.00
GOUDEY___8 23580	38.97 0.16 0.00	35.91 0.21 0.00	32.66 0.13 0.00	32.55 0.13 0.00	31.96 0.16 0.00	33.53 0.23 0.00	36.84 0.15 0.00	38.20 -0.04 0.00	35.82 0.04 0.00	33.59 0.03 0.00	34.54 0.03 0.00	35.08 -0.04 0.00	36.75 0.04 0.00	37.57 0.11 0.00	39.74 0.12 0.00	39.22 0.23 0.00	45.93 0.05 0.29	55.63 0.17 0.56	62.03 0.31 0.76	68.43 0.55 0.77	63.63 0.64 0.75	55.32 0.61 0.44	46.73 0.37 0.10	39.34 0.31 0.00
GOWANUS_GT1_1 24077	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.75 1.33 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.09 3.80 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.63 3.47 0.00	49.48 3.02 0.00	41.60 2.58 0.00
GOWANUS_GT1_2 24078	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.75 1.33 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.09 3.80 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.63 3.47 0.00	49.48 3.02 0.00	41.60 2.58 0.00
GOWANUS_GT1_3 24079	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.75 1.33 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.09 3.80 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.63 3.47 0.00	49.48 3.02 0.00	41.60 2.58 0.00
GOWANUS_GT1_4 24080	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.75 1.33 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.09 3.80 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.63 3.47 0.00	49.48 3.02 0.00	41.60 2.58 0.00
GOWANUS_GT1_5 24084	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.75 1.33 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.09 3.80 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.63 3.47 0.00	49.48 3.02 0.00	41.60 2.58 0.00
GOWANUS_GT1_6 24111	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.75 1.33 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.09 3.80 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.63 3.47 0.00	49.48 3.02 0.00	41.60 2.58 0.00
GOWANUS_GT1_7 24112	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.75 1.33 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.09 3.80 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.63 3.47 0.00	49.48 3.02 0.00	41.60 2.58 0.00
GOWANUS_GT1_8 24113	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.75 1.33 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.09 3.80 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.63 3.47 0.00	49.48 3.02 0.00	41.60 2.58 0.00
GOWANUS_GT2_1 24114	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
GOWANUS_GT2_2 24115	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
GOWANUS_GT2_3 24116	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
GOWANUS_GT2_4 24117	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00

GOWANUS_GT2_5 24118	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
GOWANUS_GT2_6 24119	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
GOWANUS_GT2_7 24120	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
GOWANUS_GT2_8 24121	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
GOWANUS_GT3_1 24122	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.86 2.07 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.87 5.21 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.58 3.11 0.00	41.29 2.26 0.00
GOWANUS_GT3_2 24123	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.86 2.07 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.87 5.21 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.58 3.11 0.00	41.29 2.26 0.00
GOWANUS_GT3_3 24124	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.86 2.07 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.87 5.21 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.58 3.11 0.00	41.29 2.26 0.00
GOWANUS_GT3_4 24125	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.86 2.07 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.87 5.21 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.58 3.11 0.00	41.29 2.26 0.00
GOWANUS_GT3_5 24126	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.86 2.07 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.87 5.21 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.58 3.11 0.00	41.29 2.26 0.00
GOWANUS_GT3_6 24127	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.86 2.07 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.87 5.21 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.58 3.11 0.00	41.29 2.26 0.00
GOWANUS_GT3_7 24128	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.86 2.07 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.87 5.21 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.58 3.11 0.00	41.29 2.26 0.00
GOWANUS_GT3_8 24129	40.75 1.94 0.00	37.33 1.64 0.00	34.13 1.59 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.42 1.13 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.86 2.07 0.00	35.97 2.42 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.75 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.87 5.21 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.58 3.11 0.00	41.29 2.26 0.00
GOWANUS_GT4_1 24130	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	36.00 2.45 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.68 3.53 0.00	49.53 3.07 0.00	41.60 2.58 0.00
GOWANUS_GT4_2 24131	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	36.00 2.45 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.68 3.53 0.00	49.53 3.07 0.00	41.60 2.58 0.00
GOWANUS_GT4_3 24132	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	36.00 2.45 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.68 3.53 0.00	49.53 3.07 0.00	41.60 2.58 0.00

GOWANUS_GT4_4 24133	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	36.00 2.45 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.68 3.53 0.00	49.53 3.07 0.00	41.60 2.58 0.00
GOWANUS_GT4_5 24134	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	36.00 2.45 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.68 3.53 0.00	49.53 3.07 0.00	41.60 2.58 0.00
GOWANUS_GT4_6 24135	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	36.00 2.45 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.68 3.53 0.00	49.53 3.07 0.00	41.60 2.58 0.00
GOWANUS_GT4_7 24136	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	36.00 2.45 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.68 3.53 0.00	49.53 3.07 0.00	41.60 2.58 0.00
GOWANUS_GT4_8 24137	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.16 1.47 0.00	40.11 1.87 0.00	37.90 2.11 0.00	36.00 2.45 0.00	37.43 2.83 -0.10	38.18 2.98 -0.08	39.74 2.94 -0.10	40.91 3.30 -0.16	44.13 3.84 -0.66	58.44 3.86 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.68 3.53 0.00	49.53 3.07 0.00	41.60 2.58 0.00
GREENBSH_115KV_TB3 55895	39.16 0.35 0.00	36.26 0.57 0.00	33.15 0.62 0.00	33.00 0.58 0.00	32.37 0.57 0.00	33.83 0.53 0.00	37.24 0.55 0.00	38.81 0.57 0.00	35.96 0.18 0.00	33.72 0.17 0.00	34.74 0.24 0.00	35.46 0.35 0.00	37.04 0.33 0.00	37.79 0.34 0.00	40.10 0.48 0.00	39.50 0.51 0.00	46.78 0.60 0.00	56.58 0.56 0.00	62.92 0.44 0.00	68.92 0.27 0.00	64.13 0.38 0.00	55.48 0.33 0.00	46.79 0.33 0.00	39.49 0.47 0.00
GREENDGE_115KV_TB5 80291	38.11 -0.70 0.00	35.12 -0.57 0.00	31.91 -0.62 0.00	31.80 -0.62 0.00	31.32 -0.48 0.00	32.93 -0.37 0.00	36.11 -0.59 0.00	36.56 -1.68 0.00	34.32 -1.47 0.00	32.05 -1.51 0.00	32.88 -1.62 0.00	33.36 -1.76 0.00	35.02 -1.69 0.00	35.84 -1.61 0.00	37.80 -1.82 0.00	37.47 -1.52 0.00	43.45 -2.08 0.65	52.59 -2.18 1.25	59.35 -1.44 1.70	65.22 -1.72 1.71	60.80 -1.27 1.67	53.74 -0.44 0.97	46.00 -0.23 0.23	38.59 -0.43 0.00
GREENIDGE___3 23582	38.11 -0.70 0.00	35.12 -0.57 0.00	31.91 -0.62 0.00	31.80 -0.62 0.00	31.32 -0.48 0.00	32.93 -0.37 0.00	36.11 -0.59 0.00	36.56 -1.68 0.00	34.32 -1.47 0.00	32.05 -1.51 0.00	32.88 -1.62 0.00	33.36 -1.76 0.00	35.02 -1.69 0.00	35.84 -1.61 0.00	37.80 -1.82 0.00	37.47 -1.52 0.00	43.45 -2.08 0.65	52.59 -2.18 1.25	59.35 -1.44 1.70	65.22 -1.72 1.71	60.80 -1.27 1.67	53.74 -0.44 0.97	46.00 -0.23 0.23	38.59 -0.43 0.00
GREENIDGE___4 23583	38.15 -0.66 0.00	35.12 -0.57 0.00	31.95 -0.58 0.00	31.93 -0.49 0.00	31.35 -0.45 0.00	33.03 -0.27 0.00	36.10 -0.59 0.00	36.67 -1.57 0.00	34.35 -1.43 0.00	32.05 -1.51 0.00	32.88 -1.62 0.00	33.36 -1.75 0.00	34.99 -1.72 0.00	35.85 -1.61 0.00	37.84 -1.78 0.00	37.47 -1.52 0.00	43.45 -2.08 0.65	52.65 -2.13 1.25	59.35 -1.43 1.70	65.57 -1.37 1.71	60.80 -1.27 1.67	53.74 -0.44 0.97	45.86 -0.37 0.23	38.67 -0.35 0.00
GREENLWN_69_KV_BK 3 55738	41.53 2.72 0.00	38.08 2.39 0.00	34.58 2.05 0.00	34.33 1.91 0.00	33.64 1.84 0.00	35.20 1.90 0.00	39.08 2.39 0.00	41.30 3.06 0.00	38.83 3.04 0.00	36.71 3.15 0.00	41.21 3.35 -3.36	40.80 3.48 -2.21	43.58 3.60 -3.27	46.82 3.82 -5.54	50.93 4.24 -7.07	53.52 4.17 -10.36	54.70 5.08 -3.45	63.82 6.11 -1.70	70.74 6.06 -2.19	75.74 6.25 -0.84	70.33 5.16 -1.42	60.10 4.19 -0.76	50.46 4.00 0.00	42.50 3.47 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.75 1.94 0.00	37.33 1.64 0.00	34.19 1.66 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.20 1.50 0.00	40.15 1.91 0.00	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.13 3.84 -0.66	58.48 3.90 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	68.02 4.27 0.00	58.68 3.53 0.00	49.53 3.07 0.00	41.60 2.58 0.00
GRISSOM___SOLAR 323813	40.32 1.51 0.00	37.12 1.43 0.00	33.83 1.30 0.00	33.72 1.30 0.00	33.07 1.27 0.00	34.70 1.40 0.00	37.87 1.17 0.00	38.70 0.46 0.00	35.46 -0.32 0.00	32.95 -0.60 0.00	33.84 -0.66 0.00	34.62 -0.49 0.00	36.16 -0.55 0.00	36.82 -0.64 0.00	39.07 -0.55 0.00	38.60 -0.39 0.00	45.95 -0.23 0.00	56.30 0.28 0.00	64.11 1.62 0.00	71.60 2.95 0.00	66.87 3.12 0.00	57.69 2.54 0.00	48.50 2.04 0.00	40.59 1.56 0.00
GROVEVILLE___HYD 323602	40.71 1.90 0.00	37.44 1.75 0.00	34.19 1.66 0.00	33.98 1.56 0.00	33.36 1.56 0.00	34.83 1.53 0.00	38.53 1.83 0.00	40.34 2.10 0.00	37.79 2.00 0.00	35.60 2.05 0.00	36.74 2.24 0.00	37.46 2.35 0.00	39.21 2.50 0.00	40.19 2.73 0.00	42.83 3.21 0.00	42.19 3.20 0.00	50.24 4.06 0.00	61.17 5.15 0.00	67.55 5.06 0.00	74.00 5.35 0.00	68.21 4.46 0.00	58.68 3.53 0.00	49.44 2.97 0.00	41.48 2.46 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.58 -0.23 0.00	35.51 -0.18 0.00	32.30 -0.23 0.00	32.19 -0.23 0.00	31.61 -0.19 0.00	33.13 -0.17 0.00	36.47 -0.22 0.00	37.82 -0.42 0.00	35.46 -0.32 0.00	33.22 -0.34 0.00	34.12 -0.38 0.00	34.69 -0.42 0.00	36.34 -0.37 0.00	37.12 -0.34 0.00	39.11 -0.52 0.00	38.52 -0.47 0.00	45.53 -0.65 0.00	55.35 -0.67 0.00	61.92 -0.56 0.00	68.24 -0.41 0.00	63.43 -0.32 0.00	54.93 -0.22 0.00	46.18 -0.28 0.00	38.71 -0.31 0.00
HAMLTNNY_34_KV_TB 80303	38.54 -0.27 0.00	35.51 -0.18 0.00	32.27 -0.26 0.00	32.19 -0.23 0.00	31.58 -0.22 0.00	33.13 -0.17 0.00	36.44 -0.26 0.00	37.74 -0.50 0.00	35.43 -0.36 0.00	33.15 -0.40 0.00	34.05 -0.45 0.00	34.62 -0.49 0.00	36.27 -0.44 0.00	37.04 -0.41 0.00	39.07 -0.55 0.00	38.52 -0.47 0.00	45.48 -0.69 0.00	55.35 -0.67 0.00	61.92 -0.56 0.00	68.31 -0.34 0.00	63.56 -0.19 0.00	55.04 -0.11 0.00	46.28 -0.19 0.00	38.75 -0.27 0.00

HAMPSHIRE___PAPER_HYD 323593	38.27 -0.54 0.00	35.16 -0.53 0.00	31.95 -0.58 0.00	31.90 -0.52 0.00	31.35 -0.45 0.00	32.96 -0.33 0.00	36.18 -0.51 0.00	37.44 -0.80 0.00	34.85 -0.93 0.00	32.45 -1.11 0.00	33.22 -1.28 0.00	33.74 -1.37 0.00	35.28 -1.43 0.00	35.81 -1.65 0.00	37.96 -1.66 0.00	37.39 -1.60 0.00	44.24 -1.94 0.00	53.83 -2.19 0.00	60.86 -1.63 0.00	67.76 -0.89 0.00	63.05 -0.70 0.00	54.49 -0.66 0.00	46.00 -0.46 0.00	38.67 -0.35 0.00
HARDSCRABBLE_WT_PWR 323673	39.16 0.35 0.00	36.05 0.36 0.00	32.82 0.29 0.00	32.71 0.29 0.00	32.05 0.25 0.00	33.63 0.33 0.00	37.10 0.40 0.00	38.62 0.38 0.00	36.11 0.32 0.00	33.82 0.27 0.00	34.71 0.21 0.00	35.29 0.18 0.00	36.86 0.15 0.00	37.57 0.11 0.00	39.78 0.16 0.00	39.11 0.12 0.00	46.31 0.14 0.00	56.19 0.17 0.00	62.80 0.31 0.00	69.13 0.48 0.00	64.25 0.51 0.00	55.65 0.50 0.00	47.02 0.56 0.00	39.57 0.55 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.48 1.67 0.00	37.19 1.50 0.00	34.00 1.46 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.63 1.33 0.00	38.27 1.58 0.00	40.15 1.91 0.00	37.61 1.83 0.00	35.47 1.91 0.00	36.64 2.14 0.00	37.36 2.25 0.00	39.06 2.35 0.00	40.08 2.62 0.00	42.67 3.05 0.00	48.64 3.04 -6.61	50.05 3.88 0.00	60.89 4.87 0.00	67.17 4.69 0.00	73.59 4.94 0.00	67.83 4.08 0.00	58.35 3.20 0.00	49.16 2.69 0.00	41.29 2.26 0.00
HARSNRAD_115KV_TB1 81005	35.51 -3.30 0.00	32.80 -2.89 0.00	29.80 -2.73 0.00	29.40 -3.02 0.00	29.22 -2.58 0.00	30.57 -2.73 0.00	33.02 -3.67 0.00	34.07 -4.17 0.00	32.56 -3.22 0.00	30.54 -3.02 0.00	31.29 -3.21 0.00	31.60 -3.51 0.00	33.22 -3.49 0.00	34.05 -3.41 0.00	35.82 -3.80 0.00	35.60 -3.39 0.00	40.25 -4.76 1.17	48.00 -5.77 2.25	53.30 -6.12 3.06	59.39 -6.18 3.08	55.56 -5.16 3.02	49.48 -3.92 1.75	42.42 -3.62 0.42	35.47 -3.55 0.00
HARZA MOOSE___RIVER 24016	39.28 0.47 0.00	36.12 0.43 0.00	32.82 0.29 0.00	32.71 0.29 0.00	32.21 0.41 0.00	33.90 0.60 0.00	37.24 0.55 0.00	38.51 0.27 0.00	35.86 0.07 0.00	33.35 -0.20 0.00	34.19 -0.31 0.00	34.69 -0.42 0.00	36.34 -0.37 0.00	36.89 -0.56 0.00	39.23 -0.40 0.00	38.60 -0.39 0.00	45.62 -0.55 0.00	55.63 -0.39 0.00	62.99 0.50 0.00	70.02 1.37 0.00	65.21 1.47 0.00	56.37 1.21 0.00	47.35 0.88 0.00	39.69 0.66 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.31 -0.50 0.00	35.26 -0.43 0.00	32.08 -0.46 0.00	31.97 -0.45 0.00	31.39 -0.41 0.00	32.93 -0.37 0.00	36.22 -0.48 0.00	37.63 -0.61 0.00	35.32 -0.47 0.00	33.09 -0.47 0.00	34.02 -0.48 0.00	34.58 -0.53 0.00	36.20 -0.51 0.00	36.97 -0.49 0.00	38.95 -0.67 0.00	38.36 -0.62 0.00	44.82 -0.83 0.52	54.07 -0.95 1.00	60.25 -0.87 1.37	66.45 -0.82 1.38	61.70 -0.70 1.35	53.76 -0.61 0.78	45.72 -0.56 0.19	38.48 -0.55 0.00
HELLGATE_13_KV_LD 55870	40.95 2.13 0.00	37.58 1.89 0.00	34.45 1.92 0.00	34.17 1.75 0.00	33.58 1.78 0.00	34.96 1.66 0.00	38.60 1.91 0.00	40.57 2.33 0.00	38.29 2.50 0.00	36.24 2.68 0.00	37.64 3.04 -0.10	38.35 3.16 -0.08	40.04 3.23 -0.10	41.14 3.52 -0.16	44.29 4.00 -0.66	58.55 3.98 -15.59	61.92 4.80 -10.94	63.62 5.88 -1.72	67.99 5.50 0.00	74.28 5.63 0.00	68.34 4.59 0.00	58.90 3.75 0.00	49.81 3.35 0.00	41.91 2.89 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.95 2.13 0.00	37.58 1.89 0.00	34.45 1.92 0.00	34.17 1.75 0.00	33.58 1.78 0.00	34.96 1.66 0.00	38.60 1.91 0.00	40.57 2.33 0.00	38.29 2.50 0.00	36.24 2.68 0.00	37.64 3.04 -0.10	38.35 3.16 -0.08	40.04 3.23 -0.10	41.14 3.52 -0.16	44.29 4.00 -0.66	58.55 3.98 -15.59	61.92 4.80 -10.94	63.62 5.88 -1.72	67.99 5.50 0.00	74.28 5.63 0.00	68.34 4.59 0.00	58.90 3.75 0.00	49.81 3.35 0.00	41.91 2.89 0.00
HEMPSTEAD____ 23647	41.26 2.45 0.00	37.83 2.14 0.00	34.39 1.85 0.00	34.20 1.78 0.00	33.48 1.68 0.00	34.96 1.66 0.00	38.82 2.13 0.00	40.81 2.56 -0.01	38.55 2.76 -0.01	36.38 2.82 -0.01	40.97 3.11 -3.36	40.55 3.23 -2.21	43.32 3.34 -3.27	46.59 3.60 -5.54	50.77 4.08 -7.07	63.41 4.13 -20.29	61.40 5.03 -10.19	69.40 6.11 -7.27	77.75 5.87 -9.40	78.54 6.25 -3.64	75.07 5.16 -6.16	62.69 4.25 -3.29	50.23 3.76 -0.01	41.92 2.89 -0.01
HICKLING___1 23621	38.35 -0.47 0.00	35.37 -0.32 0.00	32.14 -0.39 0.00	32.03 -0.39 0.00	31.51 -0.29 0.00	33.13 -0.17 0.00	36.25 -0.44 0.00	37.32 -0.92 0.00	35.07 -0.72 0.00	32.85 -0.70 0.00	33.78 -0.72 0.00	34.23 -0.88 0.00	35.94 -0.77 0.00	36.82 -0.64 0.00	38.87 -0.75 0.00	38.44 -0.55 0.00	44.50 -1.15 0.52	53.83 -1.18 1.01	60.17 -0.94 1.38	66.64 -0.62 1.39	62.20 -0.19 1.36	54.42 0.06 0.79	46.13 -0.14 0.19	38.87 -0.16 0.00
HICKLING___2 23622	38.35 -0.47 0.00	35.37 -0.32 0.00	32.14 -0.39 0.00	32.03 -0.39 0.00	31.51 -0.29 0.00	33.13 -0.17 0.00	36.25 -0.44 0.00	37.32 -0.92 0.00	35.07 -0.72 0.00	32.85 -0.70 0.00	33.78 -0.72 0.00	34.23 -0.88 0.00	35.94 -0.77 0.00	36.82 -0.64 0.00	38.87 -0.75 0.00	38.44 -0.55 0.00	44.50 -1.15 0.52	53.83 -1.18 1.01	60.17 -0.94 1.38	66.64 -0.62 1.39	62.20 -0.19 1.36	54.42 0.06 0.79	46.13 -0.14 0.19	38.87 -0.16 0.00
HIGH FALLS___HY 23754	40.83 2.02 0.00	37.44 1.75 0.00	34.19 1.66 0.00	33.98 1.56 0.00	33.36 1.56 0.00	34.83 1.53 0.00	38.56 1.87 0.00	40.42 2.18 0.00	37.93 2.15 0.00	35.74 2.18 0.00	36.88 2.38 0.00	37.57 2.46 0.00	39.35 2.64 0.00	40.41 2.96 0.00	43.07 3.45 0.00	42.46 3.47 0.00	50.61 4.43 0.00	61.73 5.71 0.00	68.17 5.69 0.00	74.76 6.11 0.00	68.78 5.04 0.00	59.12 3.97 0.00	49.76 3.30 0.00	41.72 2.69 0.00
HIGH_RIVER___SOLAR 323847	39.90 1.09 0.00	36.73 1.04 0.00	33.51 0.98 0.00	33.36 0.94 0.00	32.72 0.92 0.00	34.26 0.97 0.00	37.61 0.92 0.00	38.78 0.54 0.00	35.82 0.04 0.00	33.29 -0.27 0.00	34.19 -0.31 0.00	34.97 -0.14 0.00	36.49 -0.22 0.00	37.19 -0.26 0.00	39.47 -0.16 0.00	38.91 -0.08 0.00	46.36 0.19 0.00	56.75 0.73 0.00	63.98 1.50 0.00	70.78 2.13 0.00	65.85 2.10 0.00	56.92 1.76 0.00	47.90 1.44 0.00	40.12 1.09 0.00
HILLBURN___GT 23639	40.44 1.63 0.00	37.19 1.50 0.00	33.93 1.40 0.00	33.78 1.36 0.00	33.10 1.30 0.00	34.53 1.23 0.00	38.23 1.54 0.00	40.04 1.80 0.00	37.68 1.90 0.00	35.57 2.01 0.00	36.78 2.28 0.00	37.50 2.39 0.00	39.21 2.50 0.00	40.19 2.73 0.00	42.79 3.17 0.00	47.18 3.16 -5.03	50.15 3.97 0.00	60.84 4.82 0.00	66.99 4.50 0.00	73.45 4.80 0.00	67.64 3.89 0.00	58.30 3.14 0.00	49.20 2.74 0.00	41.01 1.99 0.00
HILLSIDE_115KV_TB1 80332	38.07 -0.74 0.00	35.12 -0.57 0.00	31.95 -0.59 0.00	31.80 -0.62 0.00	31.29 -0.51 0.00	32.83 -0.47 0.00	36.00 -0.70 0.00	37.13 -1.11 0.00	34.85 -0.93 0.00	32.68 -0.87 0.00	33.60 -0.90 0.00	34.06 -1.05 0.00	35.76 -0.95 0.00	36.59 -0.86 0.00	38.67 -0.95 0.00	38.25 -0.74 0.00	44.35 -1.34 0.49	53.63 -1.46 0.94	59.84 -1.37 1.28	66.20 -1.17 1.29	61.66 -0.83 1.26	53.87 -0.55 0.73	45.64 -0.65 0.17	38.52 -0.51 0.00

HISHELDN_WT_PWR 323625	36.02 -2.79 0.00	33.23 -2.46 0.00	30.32 -2.21 0.00	30.28 -2.14 0.00	29.76 -2.04 0.00	31.37 -1.93 0.00	33.79 -2.90 0.00	35.11 -3.13 0.00	33.06 -2.72 0.00	30.90 -2.65 0.00	31.71 -2.79 0.00	32.06 -3.05 0.00	33.70 -3.01 0.00	34.57 -2.88 0.00	36.49 -3.13 0.00	36.18 -2.81 0.00	41.01 -4.16 1.01	49.20 -4.87 1.94	54.66 -5.19 2.65	61.04 -4.94 2.67	57.13 -4.01 2.61	50.55 -3.09 1.52	42.99 -3.11 0.36	36.41 -2.61 0.00
HOLTSVILLE_IC_1 23690	41.80 2.99 0.00	38.40 2.71 0.00	34.81 2.28 0.00	34.63 2.21 0.00	33.86 2.07 0.00	35.40 2.10 0.00	39.34 2.64 0.00	41.34 3.10 -0.01	39.19 3.40 -0.01	37.12 3.56 -0.01	41.59 3.73 -3.36	41.08 3.76 -2.21	43.73 3.75 -3.27	46.93 3.93 -5.54	51.09 4.40 -7.07	53.16 4.33 -9.84	54.63 5.35 -3.10	63.98 6.55 -1.40	70.68 6.38 -1.81	75.93 6.59 -0.69	70.28 5.36 -1.18	60.30 4.52 -0.63	50.79 4.32 -0.01	42.39 3.36 -0.01
HOLTSVILLE_IC_10 23699	41.99 3.18 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.52 2.83 0.00	41.54 3.29 -0.01	39.37 3.58 -0.01	37.32 3.76 -0.01	41.80 3.93 -3.36	41.29 3.97 -2.21	43.98 4.00 -3.27	47.19 4.19 -5.54	51.36 4.67 -7.07	53.62 4.60 -10.04	55.13 5.72 -3.23	64.59 7.06 -1.51	71.31 6.87 -1.95	76.54 7.14 -0.75	70.82 5.80 -1.27	60.74 4.91 -0.67	51.07 4.60 -0.01	42.62 3.59 -0.01
HOLTSVILLE_IC_2 23691	41.80 2.99 0.00	38.40 2.71 0.00	34.81 2.28 0.00	34.63 2.21 0.00	33.86 2.07 0.00	35.40 2.10 0.00	39.34 2.64 0.00	41.34 3.10 -0.01	39.19 3.40 -0.01	37.12 3.56 -0.01	41.59 3.73 -3.36	41.08 3.76 -2.21	43.73 3.75 -3.27	46.93 3.93 -5.54	51.09 4.40 -7.07	53.16 4.33 -9.84	54.63 5.35 -3.10	63.98 6.55 -1.40	70.68 6.38 -1.81	75.93 6.59 -0.69	70.28 5.36 -1.18	60.30 4.52 -0.63	50.79 4.32 -0.01	42.39 3.36 -0.01
HOLTSVILLE_IC_3 23692	41.80 2.99 0.00	38.40 2.71 0.00	34.81 2.28 0.00	34.63 2.21 0.00	33.86 2.07 0.00	35.40 2.10 0.00	39.34 2.64 0.00	41.34 3.10 -0.01	39.19 3.40 -0.01	37.12 3.56 -0.01	41.59 3.73 -3.36	41.08 3.76 -2.21	43.73 3.75 -3.27	46.93 3.93 -5.54	51.09 4.40 -7.07	53.16 4.33 -9.84	54.63 5.35 -3.10	63.98 6.55 -1.40	70.68 6.38 -1.81	75.93 6.59 -0.69	70.28 5.36 -1.18	60.30 4.52 -0.63	50.79 4.32 -0.01	42.39 3.36 -0.01
HOLTSVILLE_IC_4 23693	41.80 2.99 0.00	38.40 2.71 0.00	34.81 2.28 0.00	34.63 2.21 0.00	33.86 2.07 0.00	35.40 2.10 0.00	39.34 2.64 0.00	41.34 3.10 -0.01	39.19 3.40 -0.01	37.12 3.56 -0.01	41.59 3.73 -3.36	41.08 3.76 -2.21	43.73 3.75 -3.27	46.93 3.93 -5.54	51.09 4.40 -7.07	53.16 4.33 -9.84	54.63 5.35 -3.10	63.98 6.55 -1.40	70.68 6.38 -1.81	75.93 6.59 -0.69	70.28 5.36 -1.18	60.30 4.52 -0.63	50.79 4.32 -0.01	42.39 3.36 -0.01
HOLTSVILLE_IC_5 23694	41.80 2.99 0.00	38.40 2.71 0.00	34.81 2.28 0.00	34.63 2.21 0.00	33.86 2.07 0.00	35.40 2.10 0.00	39.34 2.64 0.00	41.34 3.10 -0.01	39.19 3.40 -0.01	37.12 3.56 -0.01	41.59 3.73 -3.36	41.08 3.76 -2.21	43.73 3.75 -3.27	46.93 3.93 -5.54	51.09 4.40 -7.07	53.16 4.33 -9.84	54.63 5.35 -3.10	63.98 6.55 -1.40	70.68 6.38 -1.81	75.93 6.59 -0.69	70.28 5.36 -1.18	60.30 4.52 -0.63	50.79 4.32 -0.01	42.39 3.36 -0.01
HOLTSVILLE_IC_6 23695	41.99 3.18 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.52 2.83 0.00	41.54 3.29 -0.01	39.37 3.58 -0.01	37.32 3.76 -0.01	41.80 3.93 -3.36	41.29 3.97 -2.21	43.98 4.00 -3.27	47.19 4.19 -5.54	51.36 4.67 -7.07	53.62 4.60 -10.04	55.13 5.72 -3.23	64.59 7.06 -1.51	71.31 6.87 -1.95	76.54 7.14 -0.75	70.82 5.80 -1.27	60.74 4.91 -0.67	51.07 4.60 -0.01	42.62 3.59 -0.01
HOLTSVILLE_IC_7 23696	41.99 3.18 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.52 2.83 0.00	41.54 3.29 -0.01	39.37 3.58 -0.01	37.32 3.76 -0.01	41.80 3.93 -3.36	41.29 3.97 -2.21	43.98 4.00 -3.27	47.19 4.19 -5.54	51.36 4.67 -7.07	53.62 4.60 -10.04	55.13 5.72 -3.23	64.59 7.06 -1.51	71.31 6.87 -1.95	76.54 7.14 -0.75	70.82 5.80 -1.27	60.74 4.91 -0.67	51.07 4.60 -0.01	42.62 3.59 -0.01
HOLTSVILLE_IC_8 23697	41.99 3.18 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.52 2.83 0.00	41.54 3.29 -0.01	39.37 3.58 -0.01	37.32 3.76 -0.01	41.80 3.93 -3.36	41.29 3.97 -2.21	43.98 4.00 -3.27	47.19 4.19 -5.54	51.36 4.67 -7.07	53.62 4.60 -10.04	55.13 5.72 -3.23	64.59 7.06 -1.51	71.31 6.87 -1.95	76.54 7.14 -0.75	70.82 5.80 -1.27	60.74 4.91 -0.67	51.07 4.60 -0.01	42.62 3.59 -0.01
HOLTSVILLE_IC_9 23698	41.99 3.18 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.52 2.83 0.00	41.54 3.29 -0.01	39.37 3.58 -0.01	37.32 3.76 -0.01	41.80 3.93 -3.36	41.29 3.97 -2.21	43.98 4.00 -3.27	47.19 4.19 -5.54	51.36 4.67 -7.07	53.62 4.60 -10.04	55.13 5.72 -3.23	64.59 7.06 -1.51	71.31 6.87 -1.95	76.54 7.14 -0.75	70.82 5.80 -1.27	60.74 4.91 -0.67	51.07 4.60 -0.01	42.62 3.59 -0.01
HOMER_HL_115KV_TB2 355744	35.40 -3.42 0.00	32.69 -3.00 0.00	29.73 -2.80 0.00	29.47 -2.95 0.00	29.16 -2.64 0.00	30.63 -2.66 0.00	33.28 -3.41 0.00	34.30 -3.94 0.00	32.49 -3.29 0.00	30.60 -2.95 0.00	31.46 -3.04 0.00	31.71 -3.41 0.00	33.37 -3.34 0.00	34.20 -3.26 0.00	36.10 -3.53 0.00	35.95 -3.04 0.00	39.73 -5.45 1.00	47.49 -6.61 1.92	52.62 -7.25 2.62	58.66 -7.35 2.64	54.79 -6.37 2.58	48.52 -5.13 1.50	41.32 -4.79 0.36	35.94 -3.08 0.00
HOWARD_WT_PWR 323690	37.07 -1.75 0.00	34.30 -1.39 0.00	31.26 -1.27 0.00	31.28 -1.14 0.00	30.81 -0.99 0.00	32.56 -0.73 0.00	35.41 -1.29 0.00	36.37 -1.87 0.00	34.07 -1.72 0.00	31.78 -1.78 0.00	32.60 -1.90 0.00	33.01 -2.11 0.00	34.69 -2.02 0.00	35.62 -1.83 0.00	37.60 -2.02 0.00	37.31 -1.68 0.00	42.85 -2.58 0.75	51.78 -2.80 1.44	58.09 -2.44 1.96	64.89 -1.79 1.97	60.73 -1.08 1.93	53.48 -0.55 1.12	45.40 -0.79 0.27	38.28 -0.74 0.00
HQ_GEN_CEDARS 23644	38.58 -0.23 0.00	35.41 -0.29 0.00	32.24 -0.29 0.00	32.13 -0.29 0.00	31.54 -0.25 0.00	33.03 -0.27 0.00	36.40 -0.29 0.00	37.90 -0.34 0.00	35.43 -0.36 0.00	33.12 -0.44 0.00	33.98 -0.52 0.00	34.51 -0.60 0.00	36.09 -0.62 0.00	36.71 -0.75 0.00	38.79 -0.83 0.00	38.17 -0.82 0.00	45.34 -0.83 0.00	54.96 -1.06 0.00	61.55 -0.94 0.00	67.96 -0.69 0.00	63.05 -0.70 0.00	54.60 -0.55 0.00	46.09 -0.37 0.00	38.79 -0.23 0.00
HQ_GEN_CEDARS_PROXY 323590	38.58 -0.23 0.00	35.41 -0.29 0.00	32.21 -0.33 0.00	32.13 -0.29 0.00	31.54 -0.26 0.00	33.03 -0.27 0.00	36.36 -0.33 0.00	37.86 -0.38 0.00	35.43 -0.36 0.00	33.12 -0.44 0.00	33.98 -0.52 0.00	34.48 -0.63 0.00	36.09 -0.62 0.00	36.71 -0.75 0.00	38.79 -0.83 0.00	38.17 -0.82 0.00	45.35 -0.83 0.00	54.95 -1.07 0.00	61.55 -0.94 0.00	66.99 -0.69 0.98	64.03 -0.70 -0.98	54.60 -0.55 0.00	46.14 -0.32 0.00	38.75 -0.27 0.00

HQ_GEN_CHPE_PROXY 323851	40.75 1.94 0.00	37.44 1.75 0.00	34.19 1.66 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.73 1.43 0.00	38.49 1.80 0.00	40.34 2.10 0.00	38.11 2.32 0.00	36.04 2.48 0.00	37.39 2.79 -0.10	38.11 2.91 -0.08	39.82 3.01 -0.10	40.91 3.30 -0.16	44.05 3.77 -0.66	58.27 3.74 -15.54	61.65 4.57 -10.90	63.28 5.55 -1.72	67.74 5.25 0.00	73.23 5.56 0.98	69.19 4.46 -0.98	58.79 3.64 0.00	49.67 3.20 0.00	41.40 2.38 0.00
HQ_GEN_IMPORT 323601	38.85 0.04 0.00	35.69 0.00 0.00	32.50 -0.03 0.00	32.39 -0.03 0.00	31.80 0.00 0.00	33.26 -0.03 0.00	36.69 0.00 0.00	38.28 0.04 0.00	35.82 0.04 0.00	33.56 0.00 0.00	34.47 -0.03 0.00	35.04 -0.07 0.00	36.64 -0.07 0.00	37.34 -0.11 0.00	39.50 -0.12 0.00	38.87 -0.12 0.00	46.08 -0.09 0.00	55.85 -0.17 0.00	62.42 -0.06 0.00	67.60 -0.07 0.98	64.66 -0.06 -0.98	55.10 -0.06 0.00	46.51 0.05 0.00	39.02 0.00 0.00
HQ_GEN_WHEEL 23651	38.85 0.04 0.00	35.69 0.00 0.00	32.50 -0.03 0.00	32.39 -0.03 0.00	31.80 0.00 0.00	33.26 -0.03 0.00	36.69 0.00 0.00	38.28 0.04 0.00	35.82 0.04 0.00	33.56 0.00 0.00	34.47 -0.03 0.00	35.04 -0.07 0.00	36.64 -0.07 0.00	37.34 -0.11 0.00	39.50 -0.12 0.00	38.87 -0.12 0.00	46.08 -0.09 0.00	55.85 -0.17 0.00	62.42 -0.06 0.00	67.60 -0.07 0.98	64.66 -0.06 -0.98	55.10 -0.06 0.00	46.51 0.05 0.00	39.02 0.00 0.00
HUDSON AVE_GT_3 23810	40.83 2.02 0.00	37.51 1.82 0.00	34.29 1.76 0.00	34.07 1.65 0.00	33.45 1.65 0.00	34.90 1.60 0.00	38.60 1.91 0.00	40.57 2.33 0.00	38.22 2.43 0.00	36.14 2.58 0.00	37.50 2.90 -0.10	38.21 3.02 -0.08	39.93 3.12 -0.10	41.02 3.41 -0.16	44.16 3.88 -0.65	58.28 3.86 -15.43	61.75 4.76 -10.82	63.55 5.83 -1.70	67.99 5.50 0.00	74.49 5.84 0.00	68.46 4.72 0.00	58.96 3.81 0.00	49.71 3.25 0.00	41.79 2.77 0.00
HUDSON AVE_GT_4 23540	40.83 2.02 0.00	37.51 1.82 0.00	34.29 1.76 0.00	34.07 1.65 0.00	33.45 1.65 0.00	34.90 1.60 0.00	38.60 1.91 0.00	40.57 2.33 0.00	38.22 2.43 0.00	36.14 2.58 0.00	37.50 2.90 -0.10	38.21 3.02 -0.08	39.93 3.12 -0.10	41.02 3.41 -0.16	44.16 3.88 -0.65	58.28 3.86 -15.43	61.75 4.76 -10.82	63.55 5.83 -1.70	67.99 5.50 0.00	74.49 5.84 0.00	68.46 4.72 0.00	58.96 3.81 0.00	49.71 3.25 0.00	41.79 2.77 0.00
HUDSON AVE_GT_5 23657	40.83 2.02 0.00	37.51 1.82 0.00	34.29 1.76 0.00	34.07 1.65 0.00	33.45 1.65 0.00	34.90 1.60 0.00	38.60 1.91 0.00	40.57 2.33 0.00	38.22 2.43 0.00	36.14 2.58 0.00	37.50 2.90 -0.10	38.21 3.02 -0.08	39.93 3.12 -0.10	41.02 3.41 -0.16	44.16 3.88 -0.65	58.28 3.86 -15.43	61.75 4.76 -10.82	63.55 5.83 -1.70	67.99 5.50 0.00	74.49 5.84 0.00	68.46 4.72 0.00	58.96 3.81 0.00	49.71 3.25 0.00	41.79 2.77 0.00
HUDSON_AVE_10 24168	40.71 1.90 0.00	37.37 1.68 0.00	34.19 1.66 0.00	33.94 1.52 0.00	33.32 1.53 0.00	34.80 1.50 0.00	38.53 1.83 0.00	40.53 2.29 0.00	38.18 2.40 0.00	36.11 2.55 0.00	37.43 2.83 -0.10	38.14 2.95 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.08 3.80 -0.65	58.20 3.78 -15.43	61.70 4.71 -10.82	63.44 5.71 -1.70	67.92 5.44 0.00	74.42 5.77 0.00	68.40 4.65 0.00	58.90 3.75 0.00	49.62 3.16 0.00	41.72 2.69 0.00
HUDSON___115KV_TB 4 355613	39.90 1.09 0.00	36.91 1.21 0.00	33.70 1.17 0.00	33.59 1.17 0.00	32.91 1.11 0.00	34.43 1.13 0.00	37.90 1.21 0.00	39.35 1.11 0.00	36.36 0.57 0.00	33.99 0.44 0.00	34.95 0.45 0.00	35.71 0.60 0.00	37.30 0.59 0.00	38.09 0.64 0.00	40.46 0.83 0.00	39.89 0.90 0.00	47.42 1.25 0.00	57.64 1.62 0.00	64.49 2.00 0.00	70.92 2.27 0.00	65.98 2.23 0.00	56.92 1.76 0.00	47.90 1.44 0.00	40.31 1.29 0.00
HUNTER MOUNT___DRP 323613	40.05 1.24 0.00	37.05 1.36 0.00	33.83 1.30 0.00	33.68 1.26 0.00	33.04 1.24 0.00	34.56 1.27 0.00	38.05 1.36 0.00	39.46 1.22 0.00	36.43 0.64 0.00	34.03 0.47 0.00	34.95 0.45 0.00	35.71 0.60 0.00	37.34 0.62 0.00	38.13 0.67 0.00	40.49 0.87 0.00	39.96 0.97 0.00	47.56 1.39 0.00	57.92 1.90 0.00	64.86 2.37 0.00	71.40 2.75 0.00	66.36 2.61 0.00	57.25 2.10 0.00	48.13 1.67 0.00	40.47 1.44 0.00
HUNTINGTON_RES_REC 323705	41.76 2.95 0.00	38.30 2.60 0.00	34.71 2.18 0.00	34.53 2.11 0.00	33.77 1.97 0.00	35.30 2.00 0.00	39.22 2.53 0.00	41.27 3.02 -0.01	39.08 3.29 -0.01	36.99 3.42 -0.01	41.49 3.62 -3.36	41.04 3.72 -2.21	43.80 3.82 -3.27	47.04 4.05 -5.54	51.20 4.52 -7.07	53.52 4.48 -10.05	54.86 5.45 -3.24	64.21 6.66 -1.52	70.95 6.50 -1.97	76.20 6.80 -0.75	70.57 5.54 -1.28	60.41 4.58 -0.68	50.89 4.42 -0.01	42.39 3.36 -0.01
HUNTLEY___63 23557	35.44 -3.38 0.00	32.73 -2.96 0.00	29.70 -2.83 0.00	29.57 -2.85 0.00	29.16 -2.64 0.00	30.50 -2.80 0.00	33.06 -3.63 0.00	34.07 -4.17 0.00	32.60 -3.18 0.00	30.57 -2.99 0.00	31.36 -3.14 0.00	31.67 -3.44 0.00	33.30 -3.41 0.00	34.16 -3.30 0.00	35.94 -3.68 0.00	35.75 -3.24 0.00	40.36 -4.66 1.15	48.15 -5.66 2.22	53.47 -6.00 3.01	59.50 -6.11 3.04	55.60 -5.16 2.98	49.57 -3.86 1.73	42.43 -3.62 0.41	35.55 -3.47 0.00
HUNTLEY___64 23558	35.44 -3.38 0.00	32.73 -2.96 0.00	29.70 -2.83 0.00	29.57 -2.85 0.00	29.16 -2.64 0.00	30.50 -2.80 0.00	33.06 -3.63 0.00	34.07 -4.17 0.00	32.60 -3.18 0.00	30.57 -2.99 0.00	31.36 -3.14 0.00	31.67 -3.44 0.00	33.30 -3.41 0.00	34.16 -3.30 0.00	35.94 -3.68 0.00	35.75 -3.24 0.00	40.36 -4.66 1.15	48.15 -5.66 2.22	53.47 -6.00 3.01	59.50 -6.11 3.04	55.60 -5.16 2.98	49.57 -3.86 1.73	42.43 -3.62 0.41	35.55 -3.47 0.00
HUNTLEY___65 23559	35.44 -3.38 0.00	32.73 -2.96 0.00	29.70 -2.83 0.00	29.57 -2.85 0.00	29.16 -2.64 0.00	30.50 -2.80 0.00	33.06 -3.63 0.00	34.07 -4.17 0.00	32.60 -3.18 0.00	30.57 -2.99 0.00	31.36 -3.14 0.00	31.67 -3.44 0.00	33.30 -3.41 0.00	34.16 -3.30 0.00	35.94 -3.68 0.00	35.75 -3.24 0.00	40.36 -4.66 1.15	48.15 -5.66 2.22	53.47 -6.00 3.01	59.50 -6.11 3.04	55.60 -5.16 2.98	49.57 -3.86 1.73	42.43 -3.62 0.41	35.55 -3.47 0.00
HUNTLEY___66 23560	35.44 -3.38 0.00	32.73 -2.96 0.00	29.70 -2.83 0.00	29.57 -2.85 0.00	29.16 -2.64 0.00	30.50 -2.80 0.00	33.06 -3.63 0.00	34.07 -4.17 0.00	32.60 -3.18 0.00	30.57 -2.99 0.00	31.36 -3.14 0.00	31.67 -3.44 0.00	33.30 -3.41 0.00	34.16 -3.30 0.00	35.94 -3.68 0.00	35.75 -3.24 0.00	40.36 -4.66 1.15	48.15 -5.66 2.22	53.47 -6.00 3.01	59.50 -6.11 3.04	55.60 -5.16 2.98	49.57 -3.86 1.73	42.43 -3.62 0.41	35.55 -3.47 0.00
HUNTLEY___67 23561	35.40 -3.42 0.00	32.66 -3.03 0.00	29.67 -2.86 0.00	29.44 -2.98 0.00	29.10 -2.70 0.00	30.47 -2.83 0.00	33.02 -3.67 0.00	34.11 -4.13 0.00	32.60 -3.18 0.00	30.57 -2.99 0.00	31.40 -3.11 0.00	31.67 -3.44 0.00	33.30 -3.41 0.00	34.12 -3.33 0.00	35.90 -3.72 0.00	35.67 -3.31 0.00	40.28 -4.76 1.14	48.00 -5.83 2.19	53.25 -6.25 2.99	59.25 -6.38 3.01	55.44 -5.35 2.95	49.36 -4.08 1.71	42.24 -3.81 0.41	35.47 -3.55 0.00

HUNTLEY___68 23562	35.40 -3.42 0.00	32.66 -3.03 0.00	29.67 -2.86 0.00	29.44 -2.98 0.00	29.10 -2.70 0.00	30.47 -2.83 0.00	33.02 -3.67 0.00	34.11 -4.13 0.00	32.60 -3.18 0.00	30.57 -2.99 0.00	31.40 -3.11 0.00	31.67 -3.44 0.00	33.30 -3.41 0.00	34.12 -3.33 0.00	35.90 -3.72 0.00	35.67 -3.31 0.00	40.28 -4.76 1.14	48.00 -5.83 2.19	53.25 -6.25 2.99	59.25 -6.38 3.01	55.44 -5.35 2.95	49.36 -4.08 1.71	42.24 -3.81 0.41	35.47 -3.55 0.00
HYLAND___LFGE 323620	38.70 -0.12 0.00	35.59 -0.11 0.00	32.40 -0.13 0.00	32.39 -0.03 0.00	31.86 0.06 0.00	33.66 0.37 0.00	36.62 -0.07 0.00	37.44 -0.80 0.00	34.71 -1.07 0.00	32.11 -1.44 0.00	32.78 -1.72 0.00	33.25 -1.86 0.00	35.02 -1.69 0.00	35.88 -1.57 0.00	37.84 -1.78 0.00	37.59 -1.40 0.00	43.36 -1.85 0.96	52.76 -1.40 1.86	59.64 -0.31 2.53	67.47 1.37 2.55	63.42 2.17 2.50	55.80 2.10 1.45	46.77 0.65 0.35	39.53 0.51 0.00
INDECK___CORINTH 23802	39.63 0.82 0.00	36.55 0.86 0.00	33.38 0.84 0.00	33.23 0.81 0.00	32.56 0.76 0.00	34.13 0.83 0.00	37.57 0.88 0.00	38.81 0.57 0.00	35.89 0.11 0.00	33.52 -0.03 0.00	34.12 -0.38 0.00	35.08 -0.04 0.00	36.34 -0.37 0.00	36.82 -0.64 0.00	39.07 -0.55 0.00	38.68 -0.31 0.00	46.04 -0.14 0.00	55.96 -0.06 0.00	63.61 1.13 0.00	70.23 1.58 0.00	65.91 2.17 0.00	56.81 1.65 0.00	47.67 1.21 0.00	39.92 0.90 0.00
INDECK___ILION 23567	39.04 0.23 0.00	35.94 0.25 0.00	32.76 0.23 0.00	32.61 0.19 0.00	31.99 0.19 0.00	33.53 0.23 0.00	36.95 0.26 0.00	38.51 0.27 0.00	36.00 0.21 0.00	33.72 0.17 0.00	34.67 0.17 0.00	35.25 0.14 0.00	36.86 0.15 0.00	37.60 0.15 0.00	39.78 0.16 0.00	39.14 0.16 0.00	46.36 0.18 0.00	56.24 0.22 0.00	62.80 0.31 0.00	69.06 0.41 0.00	64.19 0.45 0.00	55.54 0.39 0.00	46.83 0.37 0.00	39.38 0.35 0.00
INDECK___OLEAN 23982	35.43 -3.38 0.00	32.69 -3.00 0.00	29.80 -2.73 0.00	29.70 -2.72 0.00	29.25 -2.55 0.00	30.83 -2.46 0.00	33.28 -3.41 0.00	34.57 -3.67 0.00	32.56 -3.22 0.00	30.60 -2.95 0.00	31.46 -3.04 0.00	31.71 -3.41 0.00	33.37 -3.34 0.00	34.20 -3.26 0.00	36.14 -3.49 0.00	35.95 -3.04 0.00	39.73 -5.45 1.00	47.60 -6.50 1.92	52.62 -7.25 2.62	58.73 -7.28 2.64	54.79 -6.37 2.58	48.52 -5.13 1.50	42.25 -3.86 0.36	35.86 -3.16 0.00
INDECK___OSWEGO 23783	37.99 -0.82 0.00	34.98 -0.71 0.00	31.85 -0.68 0.00	31.74 -0.68 0.00	31.13 -0.67 0.00	32.66 -0.63 0.00	35.96 -0.73 0.00	37.36 -0.88 0.00	35.00 -0.79 0.00	32.78 -0.77 0.00	33.67 -0.83 0.00	34.24 -0.88 0.00	35.83 -0.88 0.00	36.56 -0.90 0.00	38.47 -1.15 0.00	37.86 -1.13 0.00	46.33 -1.38 -1.54	57.42 -1.57 -2.96	64.90 -1.63 -4.04	71.14 -1.58 -4.07	66.32 -1.40 -3.98	56.25 -1.21 -2.31	45.90 -1.12 -0.55	38.28 -0.74 0.00
INDECK___YERKES 23781	35.47 -3.34 0.00	32.73 -2.96 0.00	29.83 -2.70 0.00	29.79 -2.62 0.00	29.29 -2.51 0.00	30.83 -2.46 0.00	33.06 -3.63 0.00	34.57 -3.67 0.00	32.78 -3.01 0.00	30.57 -2.99 0.00	31.40 -3.11 0.00	31.67 -3.44 0.00	33.33 -3.38 0.00	34.20 -3.26 0.00	36.06 -3.57 0.00	35.79 -3.20 0.00	40.41 -4.62 1.15	48.37 -5.43 2.22	53.53 -5.94 3.01	59.71 -5.90 3.04	55.79 -4.97 2.98	49.56 -3.86 1.73	42.01 -4.04 0.41	35.67 -3.36 0.00
INDIAN POINT_GT_1 24139	40.48 1.67 0.00	37.19 1.50 0.00	34.00 1.46 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.60 1.30 0.00	38.27 1.58 0.00	40.15 1.91 0.00	37.72 1.93 0.00	35.60 2.05 0.00	36.81 2.31 0.00	37.53 2.42 0.00	39.24 2.53 0.00	40.23 2.77 0.00	42.83 3.21 0.00	44.05 3.20 -1.87	50.15 3.97 0.00	60.89 4.87 0.00	67.11 4.62 0.00	73.46 4.81 0.00	67.63 3.89 0.00	58.30 3.14 0.00	49.16 2.69 0.00	41.29 2.26 0.00
INDIAN POINT_GT_2 23659	40.48 1.67 0.00	37.19 1.50 0.00	34.00 1.46 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.60 1.30 0.00	38.27 1.58 0.00	40.15 1.91 0.00	37.72 1.93 0.00	35.60 2.05 0.00	36.81 2.31 0.00	37.53 2.42 0.00	39.24 2.53 0.00	40.23 2.77 0.00	42.83 3.21 0.00	44.05 3.20 -1.87	50.15 3.97 0.00	60.89 4.87 0.00	67.11 4.62 0.00	73.46 4.81 0.00	67.63 3.89 0.00	58.30 3.14 0.00	49.16 2.69 0.00	41.29 2.26 0.00
INDIAN POINT_GT_3 24019	40.48 1.67 0.00	37.19 1.50 0.00	34.00 1.46 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.60 1.30 0.00	38.27 1.58 0.00	40.15 1.91 0.00	37.72 1.93 0.00	35.60 2.05 0.00	36.81 2.31 0.00	37.53 2.42 0.00	39.24 2.53 0.00	40.23 2.77 0.00	42.83 3.21 0.00	44.05 3.20 -1.87	50.15 3.97 0.00	60.89 4.87 0.00	67.11 4.62 0.00	73.46 4.81 0.00	67.63 3.89 0.00	58.30 3.14 0.00	49.16 2.69 0.00	41.29 2.26 0.00
INDIAN POINT___2 23530	40.44 1.63 0.00	37.16 1.46 0.00	33.93 1.40 0.00	33.75 1.33 0.00	33.10 1.30 0.00	34.49 1.20 0.00	38.20 1.50 0.00	40.04 1.80 0.00	37.68 1.90 0.00	35.60 2.05 0.00	36.78 2.28 0.00	37.50 2.39 0.00	39.21 2.50 0.00	40.19 2.73 0.00	42.79 3.17 0.00	44.35 3.16 -2.21	50.10 3.92 0.00	60.78 4.76 0.00	66.92 4.44 0.00	73.32 4.67 0.00	67.51 3.76 0.00	58.18 3.03 0.00	49.16 2.69 0.00	40.97 1.95 0.00
INDIAN POINT___3 23531	40.44 1.63 0.00	37.16 1.46 0.00	33.96 1.43 0.00	33.75 1.33 0.00	33.13 1.34 0.00	34.60 1.30 0.00	38.23 1.54 0.00	40.15 1.91 0.00	37.68 1.90 0.00	35.57 2.01 0.00	36.78 2.28 0.00	37.50 2.39 0.00	39.17 2.46 0.00	40.19 2.73 0.00	42.79 3.17 0.00	44.00 3.12 -1.89	50.10 3.92 0.00	60.78 4.76 0.00	66.99 4.50 0.00	73.32 4.67 0.00	67.57 3.82 0.00	58.19 3.03 0.00	49.06 2.60 0.00	41.25 2.22 0.00
INDIANHD_69_KV_BK1 55831	41.88 3.07 0.00	38.40 2.71 0.00	34.87 2.34 0.00	34.59 2.17 0.00	33.90 2.10 0.00	35.46 2.16 0.00	39.41 2.72 0.00	41.72 3.48 0.00	39.22 3.44 0.00	37.11 3.56 0.00	41.63 3.76 -3.36	41.18 3.86 -2.21	43.91 3.93 -3.27	47.15 4.16 -5.54	51.33 4.64 -7.07	53.67 4.64 -10.04	55.09 5.68 -3.23	64.48 6.95 -1.52	71.32 6.87 -1.96	76.54 7.14 -0.75	70.82 5.80 -1.27	60.68 4.85 -0.68	50.88 4.41 0.00	42.93 3.90 0.00
INGHAM_C_115KV_TB7 356103	39.28 0.47 0.00	36.12 0.43 0.00	32.89 0.36 0.00	32.78 0.36 0.00	32.15 0.35 0.00	33.73 0.43 0.00	37.17 0.48 0.00	38.70 0.46 0.00	36.18 0.39 0.00	33.89 0.34 0.00	34.81 0.31 0.00	35.36 0.25 0.00	36.97 0.26 0.00	37.68 0.22 0.00	39.86 0.24 0.00	39.22 0.23 0.00	46.45 0.28 0.00	56.30 0.28 0.00	62.92 0.44 0.00	69.34 0.69 0.00	64.38 0.64 0.00	55.76 0.61 0.00	47.16 0.70 0.00	39.69 0.66 0.00
IP CORINTH___1 23988	39.82 1.01 0.00	36.73 1.04 0.00	33.54 1.01 0.00	33.39 0.97 0.00	32.75 0.95 0.00	34.33 1.03 0.00	37.76 1.06 0.00	39.00 0.76 0.00	36.07 0.29 0.00	33.69 0.13 0.00	34.29 -0.21 0.00	35.25 0.14 0.00	36.53 -0.18 0.00	37.01 -0.45 0.00	39.27 -0.36 0.00	38.83 -0.16 0.00	46.27 0.09 0.00	56.30 0.28 0.00	63.92 1.44 0.00	70.57 1.92 0.00	66.23 2.49 0.00	57.14 1.99 0.00	47.90 1.44 0.00	40.23 1.21 0.00

IP___TICONDEROGA 23804	41.57 2.76 0.00	38.37 2.68 0.00	35.04 2.50 0.00	34.88 2.46 0.00	34.25 2.45 0.00	35.93 2.63 0.00	39.37 2.68 0.00	40.38 2.14 0.00	37.11 1.32 0.00	34.53 0.97 0.00	35.23 0.72 0.00	36.34 1.23 0.00	37.59 0.88 0.00	37.98 0.52 0.00	40.34 0.71 0.00	40.00 1.01 0.00	47.84 1.66 0.00	58.43 2.41 0.00	66.74 4.25 0.00	74.28 5.63 0.00	69.80 6.06 0.00	60.06 4.91 0.00	50.13 3.67 0.00	41.99 2.97 0.00
ISLIP_RES_REC 323679	42.15 3.34 0.00	38.72 3.03 0.00	35.10 2.57 0.00	34.88 2.46 0.00	34.12 2.32 0.00	35.66 2.36 0.00	39.66 2.97 0.00	41.69 3.44 -0.01	39.58 3.79 -0.01	37.49 3.92 -0.01	42.00 4.14 -3.36	41.46 4.14 -2.21	44.20 4.22 -3.27	47.41 4.42 -5.54	51.64 4.95 -7.07	54.03 4.87 -10.17	55.54 6.05 -3.32	65.06 7.45 -1.59	71.91 7.37 -2.05	77.12 7.69 -0.79	71.33 6.25 -1.34	61.16 5.30 -0.71	51.35 4.88 -0.01	42.82 3.78 -0.01
JAMAICA__27_KV_LOAD 355505	40.83 2.02 0.00	37.48 1.78 0.00	34.26 1.72 0.00	34.01 1.59 0.00	33.39 1.59 0.00	34.90 1.60 0.00	38.71 2.02 0.00	40.76 2.52 0.00	38.47 2.68 0.00	36.37 2.82 0.00	37.67 3.07 -0.10	38.35 3.16 -0.08	40.15 3.34 -0.10	41.21 3.60 -0.16	44.36 4.08 -0.65	58.51 4.09 -15.43	62.07 5.08 -10.82	63.88 6.16 -1.70	68.55 6.06 0.00	75.03 6.38 0.00	69.04 5.29 0.00	59.40 4.25 0.00	49.99 3.53 0.00	41.91 2.89 0.00
JANIS___SOLAR 323808	39.82 1.01 0.00	36.66 0.96 0.00	33.31 0.78 0.00	33.26 0.84 0.00	32.62 0.83 0.00	34.36 1.07 0.00	37.61 0.92 0.00	38.70 0.46 0.00	35.93 0.14 0.00	33.36 -0.20 0.00	34.09 -0.41 0.00	34.55 -0.56 0.00	36.23 -0.48 0.00	37.01 -0.45 0.00	39.19 -0.43 0.00	38.76 -0.23 0.00	45.72 -0.18 0.27	56.01 0.50 0.52	63.28 1.50 0.70	70.48 2.54 0.71	65.73 2.68 0.69	57.07 2.32 0.40	48.04 1.67 0.10	40.35 1.33 0.00
JARVIS____ 23743	38.89 0.08 0.00	35.76 0.07 0.00	32.60 0.07 0.00	32.48 0.06 0.00	31.86 0.06 0.00	33.36 0.07 0.00	36.77 0.07 0.00	38.32 0.08 0.00	35.82 0.04 0.00	33.59 0.03 0.00	34.54 0.03 0.00	35.18 0.07 0.00	36.78 0.07 0.00	37.53 0.08 0.00	39.70 0.08 0.00	39.07 0.08 0.00	46.27 0.09 0.00	56.13 0.11 0.00	62.61 0.13 0.00	68.79 0.14 0.00	63.87 0.13 0.00	55.26 0.11 0.00	46.56 0.09 0.00	39.10 0.08 0.00
JENNISON___1 23625	39.98 1.16 0.00	36.80 1.11 0.00	33.44 0.91 0.00	33.36 0.94 0.00	32.72 0.92 0.00	34.43 1.13 0.00	37.61 0.92 0.00	38.89 0.65 0.00	36.25 0.47 0.00	33.82 0.27 0.00	34.64 0.14 0.00	35.11 0.00 0.00	36.78 0.07 0.00	37.64 0.19 0.00	39.90 0.28 0.00	39.38 0.39 0.00	46.40 0.46 0.24	56.62 1.06 0.47	63.73 1.87 0.63	70.76 2.75 0.64	65.86 2.74 0.63	57.16 2.37 0.36	48.19 1.81 0.09	40.47 1.44 0.00
JENNISON___2 23626	39.98 1.16 0.00	36.80 1.11 0.00	33.44 0.91 0.00	33.36 0.94 0.00	32.72 0.92 0.00	34.43 1.13 0.00	37.61 0.92 0.00	38.89 0.65 0.00	36.25 0.47 0.00	33.82 0.27 0.00	34.64 0.14 0.00	35.11 0.00 0.00	36.78 0.07 0.00	37.64 0.19 0.00	39.90 0.28 0.00	39.38 0.39 0.00	46.40 0.46 0.24	56.62 1.06 0.47	63.73 1.87 0.63	70.76 2.75 0.64	65.86 2.74 0.63	57.16 2.37 0.36	48.19 1.81 0.09	40.47 1.44 0.00
JERICHO_RISE_WT_PWR 323719	38.58 -0.23 0.00	35.44 -0.25 0.00	32.24 -0.29 0.00	32.16 -0.26 0.00	31.54 -0.26 0.00	33.00 -0.30 0.00	36.40 -0.29 0.00	37.93 -0.31 0.00	35.50 -0.29 0.00	33.19 -0.37 0.00	33.98 -0.52 0.00	34.44 -0.67 0.00	35.98 -0.73 0.00	36.60 -0.86 0.00	38.67 -0.95 0.00	38.09 -0.90 0.00	45.25 -0.92 0.00	54.90 -1.12 0.00	61.67 -0.81 0.00	67.96 -0.69 0.00	62.92 -0.83 0.00	54.38 -0.77 0.00	45.95 -0.51 0.00	38.60 -0.43 0.00
KATONAH___115KV_46KV_TB4 355592	40.67 1.86 0.00	37.37 1.68 0.00	34.13 1.59 0.00	33.94 1.52 0.00	33.29 1.49 0.00	34.76 1.47 0.00	38.42 1.72 0.00	40.27 2.03 0.00	37.86 2.08 0.00	35.70 2.15 0.00	36.92 2.42 0.00	37.64 2.53 0.00	39.35 2.64 0.00	40.38 2.92 0.00	42.99 3.37 0.00	43.40 3.31 -1.10	50.33 4.16 0.00	61.23 5.21 0.00	67.49 5.00 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.52 3.36 0.00	49.34 2.88 0.00	41.44 2.42 0.00
KCE_NY_1 323755	40.13 1.32 0.00	36.98 1.28 0.00	33.77 1.24 0.00	33.62 1.20 0.00	32.98 1.18 0.00	34.53 1.23 0.00	37.98 1.28 0.00	39.35 1.11 0.00	36.54 0.75 0.00	34.16 0.60 0.00	35.05 0.55 0.00	35.88 0.77 0.00	37.37 0.66 0.00	38.02 0.56 0.00	40.37 0.75 0.00	39.85 0.86 0.00	47.37 1.20 0.00	57.53 1.51 0.00	64.55 2.06 0.00	70.99 2.34 0.00	66.30 2.55 0.00	57.25 2.10 0.00	48.18 1.72 0.00	40.35 1.33 0.00
KCE_NY_6_ESR 323823	35.71 -3.11 0.00	32.94 -2.75 0.00	30.03 -2.50 0.00	29.95 -2.47 0.00	29.48 -2.32 0.00	31.07 -2.23 0.00	33.39 -3.30 0.00	34.84 -3.40 0.00	32.96 -2.83 0.00	30.80 -2.75 0.00	31.64 -2.86 0.00	31.92 -3.19 0.00	33.59 -3.12 0.00	34.46 -3.00 0.00	36.33 -3.29 0.00	36.10 -2.88 0.00	40.60 -4.48 1.10	48.63 -5.27 2.12	53.85 -5.75 2.89	60.04 -5.70 2.91	56.12 -4.78 2.85	49.80 -3.69 1.65	42.40 -3.67 0.39	35.98 -3.04 0.00
KEDC_PORT_JEFF_GT2 24210	41.92 3.11 0.00	38.51 2.82 0.00	34.91 2.37 0.00	34.69 2.27 0.00	33.93 2.13 0.00	35.46 2.16 0.00	39.45 2.75 0.00	41.42 3.17 -0.01	39.30 3.51 -0.01	37.22 3.66 -0.01	41.73 3.86 -3.36	41.22 3.90 -2.21	43.91 3.93 -3.27	47.11 4.12 -5.54	51.28 4.59 -7.07	53.51 4.56 -9.96	54.98 5.63 -3.18	64.32 6.83 -1.47	70.94 6.56 -1.90	76.18 6.80 -0.73	70.46 5.48 -1.23	60.55 4.74 -0.66	50.98 4.51 -0.01	42.55 3.51 -0.01
KEDC_PORT_JEFF_GT3 24211	41.92 3.11 0.00	38.51 2.82 0.00	34.91 2.37 0.00	34.69 2.27 0.00	33.93 2.13 0.00	35.46 2.16 0.00	39.45 2.75 0.00	41.42 3.17 -0.01	39.30 3.51 -0.01	37.22 3.66 -0.01	41.73 3.86 -3.36	41.22 3.90 -2.21	43.91 3.93 -3.27	47.11 4.12 -5.54	51.28 4.59 -7.07	53.51 4.56 -9.96	54.98 5.63 -3.18	64.32 6.83 -1.47	70.94 6.56 -1.90	76.18 6.80 -0.73	70.46 5.48 -1.23	60.55 4.74 -0.66	50.98 4.51 -0.01	42.55 3.51 -0.01
KEDC_GLWD_GT4 24219	41.18 2.37 0.00	37.76 2.07 0.00	34.39 1.85 0.00	34.20 1.78 0.00	33.51 1.72 0.00	34.96 1.66 0.00	38.78 2.09 0.00	40.73 2.48 -0.01	38.44 2.65 -0.01	36.32 2.75 -0.01	40.90 3.04 -3.36	40.48 3.16 -2.21	43.29 3.31 -3.27	46.55 3.56 -5.54	50.77 4.08 -7.07	62.85 4.09 -19.76	61.00 4.99 -9.84	68.94 5.94 -6.98	77.06 5.56 -9.02	77.98 5.83 -3.50	74.44 4.78 -5.91	62.55 4.25 -3.15	50.14 3.67 -0.01	41.80 2.77 -0.01
KEDC_GLWD_GT5 24220	41.18 2.37 0.00	37.76 2.07 0.00	34.39 1.85 0.00	34.20 1.78 0.00	33.51 1.72 0.00	34.96 1.66 0.00	38.78 2.09 0.00	40.73 2.48 -0.01	38.44 2.65 -0.01	36.32 2.75 -0.01	40.90 3.04 -3.36	40.48 3.16 -2.21	43.29 3.31 -3.27	46.55 3.56 -5.54	50.77 4.08 -7.07	62.85 4.09 -19.76	61.00 4.99 -9.84	68.94 5.94 -6.98	77.06 5.56 -9.02	77.98 5.83 -3.50	74.44 4.78 -5.91	62.55 4.25 -3.15	50.14 3.67 -0.01	41.80 2.77 -0.01

KENSICO____ 23655	40.56 1.75 0.00	37.30 1.61 0.00	34.06 1.53 0.00	33.88 1.46 0.00	33.23 1.43 0.00	34.70 1.40 0.00	38.34 1.65 0.00	40.27 2.03 0.00	37.82 2.04 0.00	35.74 2.18 0.00	36.95 2.45 0.00	37.67 2.56 0.00	39.35 2.64 0.00	40.38 2.92 0.00	42.99 3.37 0.00	43.96 3.35 -1.61	50.33 4.16 0.00	61.12 5.10 0.00	67.30 4.81 0.00	73.66 5.01 0.00	67.83 4.08 0.00	58.41 3.25 0.00	49.25 2.79 0.00	41.40 2.38 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.71 1.90 0.00	37.41 1.71 0.00	34.13 1.59 0.00	33.91 1.49 0.00	33.29 1.49 0.00	34.80 1.50 0.00	38.45 1.76 0.00	40.30 2.06 0.00	37.75 1.97 0.00	35.54 1.98 0.00	36.67 2.17 0.00	37.36 2.25 0.00	39.13 2.42 0.00	40.15 2.70 0.00	42.79 3.17 0.00	42.19 3.20 0.00	50.29 4.11 0.00	61.29 5.27 0.00	67.80 5.31 0.00	74.35 5.70 0.00	68.53 4.78 0.00	58.90 3.75 0.00	49.58 3.11 0.00	41.56 2.54 0.00
KIAC_JFK_GT1 23816	40.60 1.79 0.00	37.26 1.57 0.00	34.06 1.53 0.00	33.81 1.39 0.00	33.20 1.40 0.00	34.70 1.40 0.00	38.53 1.83 0.00	40.57 2.33 0.00	38.29 2.50 0.00	36.21 2.65 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.96 3.16 -0.10	40.99 3.37 -0.16	44.12 3.84 -0.65	58.24 3.82 -15.43	61.75 4.76 -10.82	63.44 5.71 -1.70	67.99 5.50 0.00	74.42 5.77 0.00	68.40 4.65 0.00	59.01 3.86 0.00	49.71 3.25 0.00	41.68 2.65 0.00
KIAC_JFK_GT2 23817	40.60 1.79 0.00	37.26 1.57 0.00	34.06 1.53 0.00	33.81 1.39 0.00	33.20 1.40 0.00	34.70 1.40 0.00	38.53 1.83 0.00	40.57 2.33 0.00	38.29 2.50 0.00	36.21 2.65 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.96 3.16 -0.10	40.99 3.37 -0.16	44.12 3.84 -0.65	58.24 3.82 -15.43	61.75 4.76 -10.82	63.44 5.71 -1.70	67.99 5.50 0.00	74.42 5.77 0.00	68.40 4.65 0.00	59.01 3.86 0.00	49.71 3.25 0.00	41.68 2.65 0.00
KIAC_JFK____ 323774	40.60 1.79 0.00	37.26 1.57 0.00	34.03 1.50 0.00	33.88 1.46 0.00	33.20 1.40 0.00	34.63 1.33 0.00	38.53 1.83 0.00	40.46 2.22 0.00	38.29 2.50 0.00	36.21 2.65 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.96 3.16 -0.10	40.99 3.37 -0.16	44.16 3.89 -0.65	58.24 3.82 -15.43	61.75 4.76 -10.82	63.60 5.88 -1.70	67.86 5.37 0.00	74.42 5.77 0.00	68.34 4.59 0.00	59.01 3.86 0.00	49.81 3.35 0.00	41.40 2.38 0.00
KINTIGH_24_KV_GSU 356498	35.82 -2.99 0.00	33.05 -2.64 0.00	30.09 -2.44 0.00	30.02 -2.40 0.00	29.51 -2.29 0.00	31.07 -2.23 0.00	33.57 -3.12 0.00	35.11 -3.13 0.00	33.21 -2.58 0.00	31.04 -2.52 0.00	31.81 -2.69 0.00	32.16 -2.95 0.00	33.77 -2.94 0.00	34.57 -2.88 0.00	36.45 -3.17 0.00	36.06 -2.92 0.00	41.13 -3.79 1.26	49.10 -4.48 2.44	54.23 -4.94 3.32	60.43 -4.87 3.35	56.46 -4.01 3.27	50.11 -3.14 1.90	42.34 -3.67 0.45	35.98 -3.04 0.00
KINTIGH____ 23543	35.82 -2.99 0.00	33.05 -2.64 0.00	29.99 -2.54 0.00	29.79 -2.63 0.00	29.38 -2.42 0.00	30.80 -2.50 0.00	33.54 -3.16 0.00	34.68 -3.56 0.00	33.10 -2.68 0.00	31.04 -2.52 0.00	31.81 -2.69 0.00	32.16 -2.95 0.00	33.77 -2.94 0.00	34.57 -2.88 0.00	36.37 -3.25 0.00	36.06 -2.92 0.00	41.12 -3.79 1.26	48.93 -4.65 2.44	54.17 -5.00 3.32	60.29 -5.01 3.35	56.27 -4.21 3.27	50.11 -3.14 1.90	43.03 -2.97 0.45	35.86 -3.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.77 -0.04 0.00	35.62 -0.07 0.00	32.40 -0.13 0.00	32.32 -0.10 0.00	31.70 -0.10 0.00	33.20 -0.10 0.00	36.62 -0.07 0.00	38.13 -0.11 0.00	35.71 -0.07 0.00	33.35 -0.20 0.00	34.12 -0.38 0.00	34.58 -0.53 0.00	36.12 -0.59 0.00	36.71 -0.75 0.00	38.83 -0.79 0.00	38.25 -0.74 0.00	45.48 -0.69 0.00	55.29 -0.73 0.00	62.11 -0.37 0.00	68.58 -0.07 0.00	63.56 -0.19 0.00	54.93 -0.22 0.00	46.28 -0.19 0.00	38.91 -0.12 0.00
LACHUTE____HYDRO 323717	41.57 2.76 0.00	38.37 2.68 0.00	35.04 2.51 0.00	34.92 2.50 0.00	34.21 2.42 0.00	35.93 2.63 0.00	39.37 2.68 0.00	40.38 2.14 0.00	37.11 1.32 0.00	34.53 0.97 0.00	35.23 0.73 0.00	36.34 1.23 0.00	37.59 0.88 0.00	37.98 0.52 0.00	40.34 0.71 0.00	40.00 1.01 0.00	47.84 1.66 0.00	58.43 2.41 0.00	66.74 4.25 0.00	74.28 5.63 0.00	69.81 6.06 0.00	60.06 4.91 0.00	50.13 3.67 0.00	41.84 2.81 0.00
LAWRNCV_115KV_TB1 80681	38.04 -0.78 0.00	34.94 -0.75 0.00	31.78 -0.75 0.00	31.71 -0.71 0.00	31.13 -0.67 0.00	32.63 -0.67 0.00	35.85 -0.84 0.00	37.25 -0.99 0.00	34.82 -0.97 0.00	32.48 -1.07 0.00	33.29 -1.21 0.00	33.78 -1.33 0.00	35.32 -1.40 0.00	35.92 -1.54 0.00	38.00 -1.62 0.00	37.39 -1.60 0.00	44.42 -1.75 0.00	53.84 -2.18 0.00	60.49 -2.00 0.00	66.93 -1.72 0.00	62.15 -1.59 0.00	53.77 -1.38 0.00	45.39 -1.07 0.00	38.28 -0.74 0.00
LEDERLE____ 23769	40.60 1.79 0.00	37.30 1.61 0.00	34.06 1.53 0.00	33.85 1.43 0.00	33.23 1.43 0.00	34.70 1.40 0.00	38.38 1.69 0.00	40.27 2.03 0.00	37.79 2.00 0.00	35.70 2.15 0.00	36.88 2.38 0.00	37.60 2.49 0.00	39.32 2.61 0.00	40.30 2.85 0.00	42.91 3.29 0.00	45.64 3.31 -3.34	50.33 4.16 0.00	61.12 5.10 0.00	67.36 4.87 0.00	73.73 5.08 0.00	67.95 4.21 0.00	58.52 3.36 0.00	49.30 2.83 0.00	41.40 2.38 0.00
LIGHTHSE_115KV_TB6 355974	38.54 -0.27 0.00	35.48 -0.21 0.00	32.24 -0.29 0.00	32.13 -0.29 0.00	31.54 -0.25 0.00	33.16 -0.13 0.00	36.47 -0.22 0.00	37.74 -0.50 0.00	35.32 -0.47 0.00	32.98 -0.57 0.00	33.85 -0.66 0.00	34.37 -0.74 0.00	36.01 -0.70 0.00	36.67 -0.79 0.00	38.75 -0.87 0.00	38.17 -0.82 0.00	45.37 -1.11 -0.30	55.37 -1.23 -0.58	62.41 -0.87 -0.80	69.04 -0.41 -0.80	64.34 -0.19 -0.78	55.39 -0.22 -0.46	46.39 -0.19 -0.11	38.79 -0.23 0.00
LINDEN COGEN____ 23786	33.21 1.75 7.35	37.25 1.57 0.01	34.02 1.50 0.01	33.86 1.46 0.02	33.21 1.43 0.02	34.55 1.26 0.02	38.33 1.65 0.02	40.17 1.95 0.02	37.96 2.18 0.01	35.90 2.35 0.01	37.26 2.66 -0.10	37.96 2.77 -0.07	39.66 2.87 -0.09	40.75 3.15 -0.15	43.87 3.61 -0.65	58.00 3.58 -15.42	61.42 4.43 -10.81	63.09 5.38 -1.69	65.17 5.00 2.32	70.44 5.29 3.50	65.17 4.21 2.78	58.57 3.42 0.01	49.47 3.02 0.01	41.24 2.22 0.01
LINDHRST_69_KV_BK1 356055	41.99 3.18 0.00	38.48 2.78 0.00	34.94 2.41 0.00	34.69 2.27 0.00	33.99 2.19 0.00	35.56 2.26 0.00	39.48 2.79 0.00	41.76 3.52 0.00	39.26 3.47 0.00	37.11 3.56 -3.36	41.66 3.80 -2.21	41.22 3.90 -3.27	43.98 4.00 -3.27	47.26 4.27 -5.54	51.44 4.75 -7.07	57.82 4.80 -14.04	57.99 5.86 -5.95	66.95 7.17 -3.76	74.60 7.25 -4.86	78.15 7.62 -1.88	73.30 6.37 -3.18	62.14 5.29 -1.70	51.06 4.60 0.00	43.00 3.98 0.00
LIPA_MISC_IPP 23656	41.84 3.03 0.00	38.51 2.82 0.00	34.94 2.41 0.00	34.69 2.27 0.00	33.96 2.16 0.00	35.56 2.26 0.00	39.52 2.83 0.00	41.80 3.56 0.00	39.29 3.51 0.00	37.28 3.72 0.00	41.69 3.83 -3.36	41.11 3.79 -2.21	43.80 3.82 -3.27	46.93 3.93 -5.54	51.05 4.36 -7.07	53.19 4.33 -9.87	54.65 5.36 -3.12	64.11 6.67 -1.42	70.88 6.56 -1.83	76.15 6.80 -0.70	70.36 5.42 -1.19	60.31 4.52 -0.63	50.60 4.14 0.00	43.00 3.98 0.00

LISF___SOLAR 323691	41.92 3.11 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.42 3.17 -0.01	39.37 3.58 -0.01	37.35 3.79 -0.01	41.73 3.86 -3.36	41.15 3.83 -2.21	43.80 3.82 -3.27	46.96 3.97 -5.54	51.13 4.44 -7.07	53.22 4.33 -9.91	54.72 5.40 -3.14	64.24 6.78 -1.44	70.97 6.62 -1.86	76.29 6.93 -0.71	70.50 5.54 -1.21	60.48 4.69 -0.64	50.93 4.46 -0.01	42.55 3.51 -0.01
LITTLE FALLS___HYD 24013	39.28 0.47 0.00	36.12 0.43 0.00	32.89 0.36 0.00	32.78 0.36 0.00	32.15 0.35 0.00	33.73 0.43 0.00	37.17 0.48 0.00	38.70 0.46 0.00	36.18 0.39 0.00	33.89 0.34 0.00	34.81 0.31 0.00	35.36 0.25 0.00	36.97 0.26 0.00	37.68 0.22 0.00	39.86 0.24 0.00	39.22 0.23 0.00	46.45 0.28 0.00	56.30 0.28 0.00	62.92 0.44 0.00	69.34 0.69 0.00	64.38 0.64 0.00	55.76 0.61 0.00	47.16 0.70 0.00	39.69 0.66 0.00
LITTLRIV_115KV_TB1 356100	38.38 -0.43 0.00	35.26 -0.43 0.00	32.04 -0.49 0.00	31.97 -0.45 0.00	31.39 -0.41 0.00	32.93 -0.37 0.00	36.18 -0.51 0.00	37.48 -0.76 0.00	34.96 -0.82 0.00	32.58 -0.97 0.00	33.40 -1.10 0.00	33.88 -1.23 0.00	35.43 -1.28 0.00	35.99 -1.46 0.00	38.08 -1.55 0.00	37.47 -1.52 0.00	44.56 -1.62 0.00	54.06 -1.96 0.00	60.92 -1.56 0.00	67.69 -0.96 0.00	62.92 -0.83 0.00	54.38 -0.77 0.00	45.86 -0.60 0.00	38.67 -0.35 0.00
LI_NEWBRDGE___DRP 323616	41.26 2.45 0.00	37.83 2.14 0.00	34.39 1.85 0.00	34.17 1.75 0.00	33.48 1.69 0.00	35.00 1.70 0.00	38.86 2.16 0.00	41.03 2.79 0.00	38.54 2.76 0.00	36.41 2.85 0.00	40.94 3.07 -3.36	40.48 3.16 -2.21	43.25 3.27 -3.27	46.52 3.52 -5.54	50.65 3.96 -7.07	50.89 3.94 -7.96	52.89 4.89 -1.82	62.25 5.88 -0.35	68.75 5.81 -0.45	74.92 6.11 -0.16	69.13 5.10 -0.28	59.44 4.14 -0.15	50.13 3.67 0.00	42.18 3.16 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.55 -3.26 0.00	32.87 -2.82 0.00	29.83 -2.70 0.00	29.40 -3.02 0.00	29.25 -2.54 0.00	30.60 -2.70 0.00	33.02 -3.67 0.00	34.07 -4.17 0.00	32.56 -3.22 0.00	30.54 -3.02 0.00	31.29 -3.21 0.00	31.60 -3.51 0.00	33.22 -3.49 0.00	34.05 -3.41 0.00	35.82 -3.80 0.00	35.64 -3.35 0.00	40.25 -4.76 1.17	48.05 -5.71 2.25	53.35 -6.06 3.07	59.45 -6.11 3.09	55.62 -5.10 3.03	49.53 -3.86 1.76	42.47 -3.58 0.42	35.51 -3.51 0.00
LOCKPORT___CC1 323769	35.51 -3.30 0.00	32.80 -2.89 0.00	29.90 -2.63 0.00	29.82 -2.59 0.00	29.35 -2.45 0.00	30.87 -2.43 0.00	33.02 -3.67 0.00	34.53 -3.71 0.00	32.71 -3.08 0.00	30.54 -3.02 0.00	31.29 -3.21 0.00	31.60 -3.51 0.00	33.22 -3.49 0.00	34.05 -3.41 0.00	35.90 -3.73 0.00	35.60 -3.39 0.00	40.25 -4.76 1.17	48.17 -5.60 2.25	53.37 -6.06 3.06	59.59 -5.97 3.08	55.69 -5.04 3.02	49.48 -3.91 1.75	41.86 -4.18 0.42	35.55 -3.47 0.00
LOCKPORT___CC2 323770	35.51 -3.30 0.00	32.80 -2.89 0.00	29.90 -2.63 0.00	29.82 -2.59 0.00	29.35 -2.45 0.00	30.87 -2.43 0.00	33.02 -3.67 0.00	34.53 -3.71 0.00	32.71 -3.08 0.00	30.54 -3.02 0.00	31.29 -3.21 0.00	31.60 -3.51 0.00	33.22 -3.49 0.00	34.05 -3.41 0.00	35.90 -3.73 0.00	35.60 -3.39 0.00	40.25 -4.76 1.17	48.17 -5.60 2.25	53.37 -6.06 3.06	59.59 -5.97 3.08	55.69 -5.04 3.02	49.48 -3.91 1.75	41.86 -4.18 0.42	35.55 -3.47 0.00
LOCKPORT___CC3 323771	35.51 -3.30 0.00	32.80 -2.89 0.00	29.90 -2.63 0.00	29.82 -2.59 0.00	29.35 -2.45 0.00	30.87 -2.43 0.00	33.02 -3.67 0.00	34.53 -3.71 0.00	32.71 -3.08 0.00	30.54 -3.02 0.00	31.29 -3.21 0.00	31.60 -3.51 0.00	33.22 -3.49 0.00	34.05 -3.41 0.00	35.90 -3.73 0.00	35.60 -3.39 0.00	40.25 -4.76 1.17	48.17 -5.60 2.25	53.37 -6.06 3.06	59.59 -5.97 3.08	55.69 -5.04 3.02	49.48 -3.91 1.75	41.86 -4.18 0.42	35.55 -3.47 0.00
LOCUSVLY_69_KV_BK2 55797	41.49 2.68 0.00	38.05 2.36 0.00	34.61 2.08 0.00	34.36 1.95 0.00	33.71 1.91 0.00	35.23 1.93 0.00	39.04 2.35 0.00	41.22 2.98 0.00	38.76 2.97 0.00	36.64 3.09 0.00	41.21 3.35 -3.36	40.80 3.48 -2.21	43.62 3.63 -3.27	46.89 3.90 -5.54	51.09 4.40 -7.07	60.82 4.41 -17.42	59.83 5.40 -8.25	68.18 6.50 -5.66	76.18 6.37 -7.32	78.14 6.66 -2.83	74.09 5.55 -4.79	62.29 4.58 -2.56	50.46 4.00 0.00	42.42 3.40 0.00
LONG_LAKE_PHOENIX 24014	38.07 -0.74 0.00	35.05 -0.64 0.00	31.91 -0.62 0.00	31.80 -0.62 0.00	31.19 -0.60 0.00	32.73 -0.57 0.00	36.03 -0.66 0.00	37.40 -0.84 0.00	35.11 -0.68 0.00	32.85 -0.70 0.00	33.78 -0.72 0.00	34.34 -0.77 0.00	35.94 -0.77 0.00	36.67 -0.79 0.00	38.67 -0.95 0.00	38.05 -0.94 0.00	45.84 -1.20 -0.87	56.35 -1.34 -1.67	63.39 -1.37 -2.28	69.64 -1.30 -2.29	64.84 -1.15 -2.24	55.46 -0.99 -1.30	45.89 -0.88 -0.31	38.20 -0.82 0.00
LOVETT___3 23632	40.40 1.59 0.00	37.12 1.43 0.00	33.93 1.40 0.00	33.72 1.30 0.00	33.10 1.30 0.00	34.53 1.23 0.00	38.20 1.50 0.00	40.11 1.87 0.00	37.65 1.86 0.00	35.54 1.98 0.00	36.74 2.24 0.00	37.46 2.35 0.00	39.13 2.42 0.00	40.15 2.70 0.00	42.71 3.09 0.00	44.77 3.08 -2.70	50.05 3.88 0.00	60.73 4.71 0.00	66.92 4.44 0.00	73.25 4.60 0.00	67.51 3.76 0.00	58.13 2.98 0.00	49.02 2.56 0.00	41.21 2.19 0.00
LOVETT___4 23642	40.40 1.59 0.00	37.12 1.43 0.00	33.93 1.40 0.00	33.72 1.30 0.00	33.10 1.30 0.00	34.53 1.23 0.00	38.20 1.50 0.00	40.11 1.87 0.00	37.65 1.86 0.00	35.54 1.98 0.00	36.74 2.24 0.00	37.46 2.35 0.00	39.13 2.42 0.00	40.15 2.70 0.00	42.71 3.09 0.00	44.77 3.08 -2.70	50.05 3.88 0.00	60.73 4.71 0.00	66.92 4.44 0.00	73.25 4.60 0.00	67.51 3.76 0.00	58.13 2.98 0.00	49.02 2.56 0.00	41.21 2.19 0.00
LOVETT___5 23593	40.40 1.59 0.00	37.12 1.43 0.00	33.93 1.40 0.00	33.72 1.30 0.00	33.10 1.30 0.00	34.53 1.23 0.00	38.20 1.50 0.00	40.11 1.87 0.00	37.65 1.86 0.00	35.54 1.98 0.00	36.74 2.24 0.00	37.46 2.35 0.00	39.13 2.42 0.00	40.15 2.70 0.00	42.71 3.09 0.00	44.77 3.08 -2.70	50.05 3.88 0.00	60.73 4.71 0.00	66.92 4.44 0.00	73.25 4.60 0.00	67.51 3.76 0.00	58.13 2.98 0.00	49.02 2.56 0.00	41.21 2.19 0.00
LOWER RAQUET___HYD 24057	37.88 -0.93 0.00	34.80 -0.89 0.00	31.62 -0.91 0.00	31.55 -0.87 0.00	30.97 -0.83 0.00	32.50 -0.80 0.00	35.67 -1.03 0.00	37.01 -1.23 0.00	34.57 -1.22 0.00	32.28 -1.28 0.00	33.05 -1.45 0.00	33.57 -1.54 0.00	35.10 -1.61 0.00	35.66 -1.80 0.00	37.72 -1.90 0.00	37.12 -1.87 0.00	44.10 -2.08 0.00	53.50 -2.52 0.00	60.18 -2.31 0.00	66.66 -1.99 0.00	61.90 -1.85 0.00	53.55 -1.60 0.00	45.25 -1.21 0.00	38.17 -0.86 0.00
LOWER___HUDSON 24059	39.74 0.93 0.00	36.66 0.96 0.00	33.48 0.94 0.00	33.33 0.91 0.00	32.66 0.86 0.00	34.20 0.90 0.00	37.64 0.95 0.00	39.16 0.92 0.00	36.39 0.61 0.00	34.09 0.54 0.00	35.05 0.55 0.00	35.81 0.70 0.00	37.37 0.66 0.00	38.09 0.64 0.00	40.46 0.83 0.00	39.89 0.90 0.00	47.28 1.11 0.00	57.25 1.23 0.00	63.86 1.37 0.00	69.89 1.24 0.00	65.21 1.47 0.00	56.47 1.32 0.00	47.62 1.16 0.00	39.88 0.86 0.00

LOWVILLE_115KV_TB2 356335	39.16 0.35 0.00	35.98 0.29 0.00	32.66 0.13 0.00	32.58 0.16 0.00	32.12 0.32 0.00	33.83 0.53 0.00	37.17 0.48 0.00	38.35 0.11 0.00	35.68 -0.11 0.00	33.09 -0.47 0.00	33.88 -0.62 0.00	34.37 -0.74 0.00	35.98 -0.73 0.00	36.44 -1.01 0.00	38.79 -0.83 0.00	38.21 -0.78 0.00	45.11 -1.06 0.00	55.01 -1.01 0.00	62.49 0.00 0.00	69.68 1.03 0.00	64.96 1.21 0.00	56.09 0.94 0.00	47.16 0.70 0.00	39.57 0.55 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.13 1.32 0.00	36.98 1.28 0.00	33.77 1.24 0.00	33.62 1.20 0.00	32.98 1.18 0.00	34.53 1.23 0.00	37.94 1.25 0.00	39.35 1.11 0.00	36.50 0.72 0.00	34.16 0.60 0.00	35.05 0.55 0.00	35.85 0.74 0.00	37.37 0.66 0.00	38.02 0.56 0.00	40.34 0.71 0.00	39.81 0.82 0.00	47.33 1.15 0.00	57.48 1.46 0.00	64.49 2.00 0.00	70.92 2.27 0.00	66.23 2.49 0.00	57.25 2.10 0.00	48.13 1.67 0.00	40.43 1.40 0.00
LUTHERNY_35_KV_BK2 355980	40.13 1.32 0.00	36.98 1.28 0.00	33.77 1.24 0.00	33.62 1.20 0.00	32.98 1.18 0.00	34.53 1.23 0.00	37.98 1.28 0.00	39.39 1.15 0.00	36.54 0.75 0.00	34.16 0.60 0.00	35.05 0.55 0.00	35.88 0.77 0.00	37.37 0.66 0.00	38.02 0.56 0.00	40.34 0.71 0.00	39.85 0.86 0.00	47.38 1.20 0.00	57.53 1.51 0.00	64.55 2.06 0.00	70.98 2.33 0.00	66.30 2.55 0.00	57.25 2.10 0.00	48.13 1.67 0.00	40.47 1.44 0.00
LWR__OSWEGATCHIE_HYD 23850	38.27 -0.54 0.00	35.16 -0.54 0.00	31.95 -0.59 0.00	31.87 -0.55 0.00	31.35 -0.45 0.00	32.96 -0.33 0.00	36.18 -0.51 0.00	37.44 -0.80 0.00	34.89 -0.89 0.00	32.45 -1.11 0.00	33.22 -1.28 0.00	33.74 -1.37 0.00	35.28 -1.43 0.00	35.81 -1.65 0.00	38.00 -1.62 0.00	37.39 -1.60 0.00	44.24 -1.94 0.00	53.84 -2.18 0.00	60.86 -1.62 0.00	67.76 -0.89 0.00	63.05 -0.70 0.00	54.49 -0.66 0.00	45.95 -0.51 0.00	38.63 -0.39 0.00
LYONS_FALL_HYD 23570	39.28 0.47 0.00	36.12 0.43 0.00	32.82 0.29 0.00	32.78 0.36 0.00	32.21 0.41 0.00	33.90 0.60 0.00	37.24 0.55 0.00	38.51 0.27 0.00	35.86 0.07 0.00	33.36 -0.20 0.00	34.19 -0.31 0.00	34.69 -0.42 0.00	36.34 -0.37 0.00	36.89 -0.56 0.00	39.19 -0.43 0.00	38.60 -0.39 0.00	45.62 -0.55 0.00	55.63 -0.39 0.00	62.98 0.50 0.00	70.02 1.37 0.00	65.21 1.47 0.00	56.37 1.21 0.00	47.34 0.88 0.00	39.73 0.70 0.00
MADISON__COUNTY_LFGE 323628	39.47 0.66 0.00	36.33 0.64 0.00	33.02 0.49 0.00	32.91 0.49 0.00	32.31 0.51 0.00	33.96 0.67 0.00	37.35 0.66 0.00	38.70 0.46 0.00	36.11 0.32 0.00	33.76 0.20 0.00	34.64 0.14 0.00	35.25 0.14 0.00	36.89 0.18 0.00	37.64 0.19 0.00	39.86 0.24 0.00	39.26 0.27 0.00	46.19 0.28 0.26	56.08 0.56 0.50	62.93 1.12 0.69	69.68 1.72 0.69	64.79 1.72 0.68	56.19 1.43 0.39	47.44 1.07 0.09	39.84 0.82 0.00
MALONE__115KV_TB1 356076	38.54 -0.27 0.00	35.41 -0.29 0.00	32.21 -0.33 0.00	32.10 -0.32 0.00	31.51 -0.29 0.00	33.00 -0.30 0.00	36.36 -0.33 0.00	37.90 -0.34 0.00	35.46 -0.32 0.00	33.09 -0.47 0.00	33.88 -0.62 0.00	34.34 -0.77 0.00	35.90 -0.81 0.00	36.44 -1.01 0.00	38.55 -1.07 0.00	37.94 -1.05 0.00	45.16 -1.02 0.00	54.84 -1.18 0.00	61.67 -0.81 0.00	68.24 -0.41 0.00	63.17 -0.57 0.00	54.60 -0.55 0.00	46.00 -0.46 0.00	38.71 -0.31 0.00
MAPLEWOD_115KV_TB3 80458	39.63 0.82 0.00	36.62 0.93 0.00	33.44 0.91 0.00	33.30 0.88 0.00	32.66 0.86 0.00	34.16 0.87 0.00	37.61 0.92 0.00	39.16 0.92 0.00	36.32 0.54 0.00	34.03 0.47 0.00	35.05 0.55 0.00	35.81 0.70 0.00	37.37 0.66 0.00	38.13 0.67 0.00	40.46 0.83 0.00	39.85 0.86 0.00	47.24 1.06 0.00	57.20 1.18 0.00	63.74 1.25 0.00	69.89 1.24 0.00	65.02 1.27 0.00	56.26 1.10 0.00	47.39 0.93 0.00	39.92 0.90 0.00
MAPLE_RIDGE_WT_1 323574	38.54 -0.27 0.00	35.41 -0.29 0.00	32.27 -0.26 0.00	32.16 -0.26 0.00	31.58 -0.22 0.00	33.10 -0.20 0.00	36.51 -0.18 0.00	38.09 -0.15 0.00	35.64 -0.14 0.00	33.39 -0.17 0.00	34.26 -0.24 0.00	34.79 -0.32 0.00	36.31 -0.40 0.00	36.97 -0.49 0.00	39.07 -0.55 0.00	38.44 -0.55 0.00	45.53 -0.65 0.00	55.29 -0.73 0.00	61.80 -0.69 0.00	67.90 -0.75 0.00	62.92 -0.83 0.00	54.38 -0.77 0.00	45.81 -0.65 0.00	38.44 -0.58 0.00
MAPLE_RIDGE_WT_2 323611	38.54 -0.27 0.00	35.41 -0.29 0.00	32.27 -0.26 0.00	32.16 -0.26 0.00	31.58 -0.22 0.00	33.10 -0.20 0.00	36.51 -0.18 0.00	38.09 -0.15 0.00	35.64 -0.14 0.00	33.39 -0.17 0.00	34.26 -0.24 0.00	34.79 -0.32 0.00	36.31 -0.40 0.00	36.97 -0.49 0.00	39.07 -0.55 0.00	38.44 -0.55 0.00	45.53 -0.65 0.00	55.29 -0.73 0.00	61.80 -0.69 0.00	67.90 -0.75 0.00	62.92 -0.83 0.00	54.38 -0.77 0.00	45.81 -0.65 0.00	38.44 -0.58 0.00
MARBLE_RIVER_WT_PWR 323696	38.58 -0.23 0.00	35.44 -0.25 0.00	32.24 -0.29 0.00	32.16 -0.26 0.00	31.54 -0.26 0.00	33.00 -0.30 0.00	36.40 -0.29 0.00	37.93 -0.31 0.00	35.50 -0.29 0.00	33.19 -0.37 0.00	33.98 -0.52 0.00	34.48 -0.63 0.00	35.98 -0.73 0.00	36.60 -0.86 0.00	38.71 -0.91 0.00	38.13 -0.86 0.00	45.25 -0.92 0.00	54.90 -1.12 0.00	61.67 -0.81 0.00	67.96 -0.69 0.00	62.92 -0.83 0.00	54.43 -0.72 0.00	45.95 -0.51 0.00	38.63 -0.39 0.00
MARSHVLE_115KV_TB1 80742	40.33 1.51 0.00	37.12 1.43 0.00	33.83 1.30 0.00	33.72 1.30 0.00	33.07 1.27 0.00	34.70 1.40 0.00	37.90 1.21 0.00	38.74 0.50 0.00	35.53 -0.25 0.00	33.05 -0.50 0.00	33.98 -0.52 0.00	34.73 -0.39 0.00	36.27 -0.44 0.00	36.93 -0.52 0.00	39.19 -0.44 0.00	38.68 -0.31 0.00	45.94 -0.23 0.00	56.36 0.34 0.00	64.36 1.87 0.00	71.88 3.23 0.00	67.00 3.25 0.00	57.80 2.65 0.00	48.60 2.14 0.00	40.74 1.72 0.00
MARSH_HILL_WT_PWR 323713	37.07 -1.75 0.00	34.26 -1.43 0.00	31.26 -1.27 0.00	31.28 -1.14 0.00	30.81 -0.99 0.00	32.53 -0.76 0.00	35.37 -1.32 0.00	36.37 -1.87 0.00	34.07 -1.72 0.00	31.74 -1.81 0.00	32.57 -1.93 0.00	32.97 -2.14 0.00	34.69 -2.02 0.00	35.58 -1.87 0.00	37.60 -2.02 0.00	37.31 -1.68 0.00	42.77 -2.63 0.77	51.73 -2.80 1.49	57.95 -2.50 2.03	64.82 -1.79 2.05	60.66 -1.08 2.00	53.38 -0.61 1.16	45.35 -0.83 0.28	38.28 -0.74 0.00
MCINTYRE_115KV_TB2 80467	38.81 0.00 0.00	35.62 -0.07 0.00	32.37 -0.16 0.00	32.29 -0.13 0.00	31.70 -0.10 0.00	33.26 -0.03 0.00	36.55 -0.15 0.00	37.86 -0.38 0.00	35.28 -0.50 0.00	32.88 -0.67 0.00	33.71 -0.79 0.00	34.20 -0.91 0.00	35.76 -0.95 0.00	36.33 -1.12 0.00	38.43 -1.19 0.00	37.82 -1.17 0.00	44.97 -1.20 0.00	54.56 -1.46 0.00	61.55 -0.94 0.00	68.44 -0.21 0.00	63.62 -0.13 0.00	55.04 -0.11 0.00	46.42 -0.05 0.00	39.10 0.08 0.00
MECO____69_KV_BK1 80468	40.75 1.94 0.00	37.55 1.86 0.00	34.22 1.69 0.00	34.11 1.69 0.00	33.48 1.69 0.00	35.13 1.83 0.00	38.38 1.69 0.00	39.20 0.96 0.00	35.89 0.11 0.00	33.32 -0.23 0.00	34.19 -0.31 0.00	35.04 -0.07 0.00	36.53 -0.18 0.00	37.19 -0.26 0.00	39.46 -0.16 0.00	39.03 0.04 0.00	46.59 0.42 0.00	57.14 1.12 0.00	65.17 2.69 0.00	72.77 4.12 0.00	67.89 4.14 0.00	58.52 3.36 0.00	49.11 2.65 0.00	41.13 2.11 0.00

MENANDS__115KV_TB5 355628	39.39 0.58 0.00	36.44 0.75 0.00	33.28 0.75 0.00	33.17 0.75 0.00	32.50 0.70 0.00	34.00 0.70 0.00	37.43 0.73 0.00	39.00 0.76 0.00	36.18 0.39 0.00	33.92 0.37 0.00	34.91 0.41 0.00	35.67 0.56 0.00	37.26 0.55 0.00	38.02 0.56 0.00	40.30 0.67 0.00	39.73 0.74 0.00	47.05 0.88 0.00	56.92 0.90 0.00	63.30 0.81 0.00	69.34 0.69 0.00	64.58 0.83 0.00	55.82 0.66 0.00	47.07 0.60 0.00	39.69 0.66 0.00
MG INDUSTRY__DRP 24185	39.55 0.74 0.00	36.51 0.82 0.00	33.35 0.81 0.00	33.23 0.81 0.00	32.56 0.76 0.00	34.06 0.77 0.00	37.43 0.73 0.00	38.89 0.65 0.00	36.07 0.29 0.00	33.79 0.23 0.00	34.78 0.28 0.00	35.50 0.39 0.00	37.08 0.37 0.00	37.83 0.37 0.00	40.14 0.52 0.00	39.53 0.55 0.00	46.87 0.69 0.00	56.80 0.78 0.00	63.42 0.94 0.00	69.68 1.03 0.00	64.83 1.08 0.00	56.09 0.94 0.00	47.25 0.79 0.00	39.84 0.82 0.00
MID__OSWEGATCHIE_HYD 23849	38.27 -0.54 0.00	35.16 -0.54 0.00	31.95 -0.59 0.00	31.87 -0.55 0.00	31.35 -0.45 0.00	32.96 -0.33 0.00	36.18 -0.51 0.00	37.44 -0.80 0.00	34.89 -0.89 0.00	32.45 -1.11 0.00	33.22 -1.28 0.00	33.74 -1.37 0.00	35.28 -1.43 0.00	35.81 -1.65 0.00	38.00 -1.62 0.00	37.39 -1.60 0.00	44.24 -1.94 0.00	53.84 -2.18 0.00	60.86 -1.62 0.00	67.76 -0.89 0.00	63.05 -0.70 0.00	54.49 -0.66 0.00	45.95 -0.51 0.00	38.63 -0.39 0.00
MID__RAQUETTE_HYD 23851	37.88 -0.93 0.00	34.80 -0.89 0.00	31.62 -0.91 0.00	31.54 -0.88 0.00	31.00 -0.79 0.00	32.50 -0.80 0.00	35.67 -1.03 0.00	37.05 -1.19 0.00	34.60 -1.18 0.00	32.28 -1.28 0.00	33.05 -1.45 0.00	33.57 -1.54 0.00	35.10 -1.62 0.00	35.66 -1.80 0.00	37.72 -1.90 0.00	37.12 -1.87 0.00	44.14 -2.03 0.00	53.50 -2.52 0.00	60.17 -2.31 0.00	66.66 -1.99 0.00	61.90 -1.85 0.00	53.55 -1.60 0.00	45.16 -1.30 0.00	38.17 -0.86 0.00
MILLIKEN__1 23584	39.20 0.39 0.00	36.08 0.39 0.00	32.79 0.26 0.00	32.71 0.29 0.00	32.12 0.32 0.00	33.70 0.40 0.00	37.02 0.33 0.00	38.28 0.04 0.00	35.82 0.04 0.00	33.45 -0.10 0.00	34.33 -0.17 0.00	34.90 -0.21 0.00	36.56 -0.15 0.00	37.34 -0.11 0.00	39.42 -0.20 0.00	38.95 -0.04 0.00	45.74 -0.18 0.25	55.65 0.11 0.48	62.40 0.56 0.65	68.95 0.96 0.66	64.19 1.08 0.64	55.77 0.99 0.37	47.07 0.70 0.09	39.53 0.51 0.00
MILLIKEN__2 23585	39.20 0.39 0.00	36.08 0.39 0.00	32.79 0.26 0.00	32.71 0.29 0.00	32.12 0.32 0.00	33.70 0.40 0.00	37.02 0.33 0.00	38.28 0.04 0.00	35.82 0.04 0.00	33.45 -0.10 0.00	34.33 -0.17 0.00	34.90 -0.21 0.00	36.56 -0.15 0.00	37.34 -0.11 0.00	39.42 -0.20 0.00	38.95 -0.04 0.00	45.74 -0.18 0.25	55.65 0.11 0.48	62.40 0.56 0.65	68.95 0.96 0.66	64.19 1.08 0.64	55.77 0.99 0.37	47.07 0.70 0.09	39.53 0.51 0.00
MILLIKEN__DIESEL 23629	39.20 0.39 0.00	36.08 0.39 0.00	32.79 0.26 0.00	32.71 0.29 0.00	32.12 0.32 0.00	33.70 0.40 0.00	37.02 0.33 0.00	38.28 0.04 0.00	35.82 0.04 0.00	33.45 -0.10 0.00	34.33 -0.17 0.00	34.90 -0.21 0.00	36.56 -0.15 0.00	37.34 -0.11 0.00	39.42 -0.20 0.00	38.95 -0.04 0.00	45.74 -0.18 0.25	55.65 0.11 0.48	62.40 0.56 0.65	68.95 0.96 0.66	64.19 1.08 0.64	55.77 0.99 0.37	47.07 0.70 0.09	39.53 0.51 0.00
MILLSEAT__LFGE 323607	36.33 -2.48 0.00	33.51 -2.18 0.00	30.51 -2.02 0.00	30.48 -1.94 0.00	29.95 -1.85 0.00	31.56 -1.73 0.00	33.90 -2.79 0.00	35.37 -2.87 0.00	33.39 -2.40 0.00	31.14 -2.42 0.00	31.88 -2.62 0.00	32.20 -2.91 0.00	33.89 -2.83 0.00	34.68 -2.77 0.00	36.57 -3.05 0.00	36.34 -2.65 0.00	41.26 -3.74 1.18	49.48 -4.26 2.28	55.01 -4.38 3.10	61.54 -3.98 3.12	57.57 -3.12 3.06	51.01 -2.37 1.78	42.97 -3.07 0.42	36.53 -2.50 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.52 1.71 0.00	37.23 1.53 0.00	34.03 1.50 0.00	33.81 1.39 0.00	33.17 1.37 0.00	34.63 1.33 0.00	38.31 1.61 0.00	40.19 1.95 0.00	37.75 1.97 0.00	35.64 2.08 0.00	36.85 2.35 0.00	37.57 2.46 0.00	39.24 2.53 0.00	40.26 2.81 0.00	42.87 3.25 0.00	43.94 3.20 -1.76	50.19 4.02 0.00	60.95 4.93 0.00	67.11 4.62 0.00	73.52 4.87 0.00	67.63 3.89 0.00	58.30 3.14 0.00	49.16 2.69 0.00	41.33 2.30 0.00
MILLWOOD_13_KV_LOAD 356217	40.60 1.79 0.00	37.30 1.61 0.00	34.06 1.53 0.00	33.88 1.46 0.00	33.23 1.43 0.00	34.70 1.40 0.00	38.38 1.69 0.00	40.27 2.03 0.00	37.82 2.04 0.00	35.67 2.11 0.00	36.92 2.42 0.00	37.64 2.53 0.00	39.32 2.61 0.00	40.34 2.88 0.00	42.95 3.33 0.00	44.02 3.28 -1.76	50.29 4.11 0.00	61.12 5.10 0.00	67.30 4.81 0.00	73.73 5.08 0.00	67.83 4.08 0.00	58.41 3.25 0.00	49.25 2.79 0.00	41.40 2.38 0.00
MODEL_CITY_ENERGY 24167	35.16 -3.65 0.00	32.55 -3.14 0.00	29.67 -2.86 0.00	29.63 -2.79 0.00	29.10 -2.70 0.00	30.60 -2.70 0.00	32.58 -4.11 0.00	34.07 -4.17 0.00	32.31 -3.47 0.00	30.13 -3.42 0.00	30.91 -3.59 0.00	31.21 -3.90 0.00	32.78 -3.93 0.00	33.63 -3.82 0.00	35.46 -4.16 0.00	35.13 -3.86 0.00	39.66 -5.36 1.16	47.45 -6.33 2.24	52.49 -6.94 3.05	58.57 -7.00 3.08	54.81 -5.93 3.01	48.72 -4.69 1.75	41.26 -4.78 0.42	35.04 -3.98 0.00
MODERN_LFGE__ 323580	35.16 -3.65 0.00	32.55 -3.14 0.00	29.67 -2.86 0.00	29.63 -2.79 0.00	29.10 -2.70 0.00	30.60 -2.70 0.00	32.58 -4.11 0.00	34.07 -4.17 0.00	32.31 -3.47 0.00	30.13 -3.42 0.00	30.91 -3.59 0.00	31.21 -3.90 0.00	32.78 -3.93 0.00	33.63 -3.82 0.00	35.46 -4.16 0.00	35.13 -3.86 0.00	39.66 -5.36 1.16	47.45 -6.33 2.24	52.49 -6.94 3.05	58.57 -7.00 3.08	54.81 -5.93 3.01	48.72 -4.69 1.75	41.26 -4.78 0.42	35.04 -3.98 0.00
MOHAWK_PAPER__DRP 24187	39.63 0.82 0.00	36.62 0.93 0.00	33.44 0.91 0.00	33.30 0.88 0.00	32.66 0.86 0.00	34.16 0.87 0.00	37.61 0.92 0.00	39.16 0.92 0.00	36.32 0.54 0.00	34.03 0.47 0.00	35.05 0.55 0.00	35.81 0.70 0.00	37.37 0.66 0.00	38.13 0.67 0.00	40.46 0.83 0.00	39.85 0.86 0.00	47.24 1.06 0.00	57.20 1.18 0.00	63.74 1.25 0.00	69.89 1.24 0.00	65.02 1.27 0.00	56.26 1.10 0.00	47.39 0.93 0.00	39.92 0.90 0.00
MOHICAN__35_KV_115KV_LD 80490	40.13 1.32 0.00	37.01 1.32 0.00	33.80 1.27 0.00	33.65 1.23 0.00	33.04 1.24 0.00	34.60 1.30 0.00	38.05 1.36 0.00	39.31 1.07 0.00	36.32 0.54 0.00	33.89 0.34 0.00	34.60 0.10 0.00	35.53 0.42 0.00	36.86 0.15 0.00	37.34 -0.11 0.00	39.66 0.04 0.00	39.22 0.23 0.00	46.78 0.60 0.00	56.86 0.84 0.00	64.49 2.00 0.00	71.19 2.54 0.00	66.74 3.00 0.00	57.58 2.43 0.00	48.27 1.81 0.00	40.55 1.52 0.00
MONGAUP__HYD 23641	40.44 1.63 0.00	37.16 1.46 0.00	33.90 1.37 0.00	33.72 1.30 0.00	33.10 1.30 0.00	34.53 1.23 0.00	38.20 1.50 0.00	39.77 1.53 0.00	37.25 1.47 0.00	35.03 1.47 0.00	36.09 1.59 0.00	36.80 1.69 0.00	38.47 1.76 0.00	39.48 2.02 0.00	42.04 2.42 0.00	35.70 2.42 5.71	49.36 3.18 0.00	60.22 4.20 0.00	66.79 4.31 0.00	73.45 4.80 0.00	67.83 4.08 0.00	58.35 3.20 0.00	49.16 2.69 0.00	40.97 1.95 0.00

MONTAUK___DIESEL 23721	43.20 4.39 0.00	39.76 4.07 0.00	36.01 3.48 0.00	35.76 3.34 0.00	35.01 3.21 0.00	36.63 3.33 0.00	40.73 4.04 0.00	43.21 4.97 0.00	40.69 4.90 0.00	38.66 5.10 0.00	43.18 5.31 -3.36	42.52 5.20 -2.21	45.34 5.36 -3.27	48.54 5.54 -5.54	52.87 6.18 -7.07	55.03 6.16 -9.88	56.97 7.67 -3.12	67.14 9.69 -1.43	74.20 9.87 -1.84	79.65 10.30 -0.71	73.36 8.41 -1.20	62.79 7.00 -0.64	52.41 5.95 0.00	44.49 5.46 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.09 -2.72 0.00	33.23 -2.46 0.00	30.22 -2.31 0.00	30.02 -2.40 0.00	29.76 -2.04 0.00	31.30 -2.00 0.00	33.98 -2.72 0.00	35.07 -3.17 0.00	33.35 -2.43 0.00	31.34 -2.21 0.00	32.19 -2.31 0.00	32.41 -2.70 0.00	34.14 -2.57 0.00	35.02 -2.43 0.00	36.85 -2.77 0.00	36.77 -2.22 0.00	41.24 -3.88 1.05	49.34 -4.65 2.03	54.91 -4.81 2.77	61.19 -4.67 2.79	57.13 -3.89 2.73	50.75 -2.81 1.59	43.20 -2.88 0.38	36.72 -2.30 0.00
MORRIS_RIDGE___SOLAR 323848	36.79 -2.02 0.00	33.94 -1.75 0.00	30.94 -1.59 0.00	30.93 -1.49 0.00	30.40 -1.40 0.00	32.03 -1.27 0.00	34.67 -2.02 0.00	35.71 -2.53 0.00	33.46 -2.33 0.00	31.24 -2.31 0.00	32.08 -2.42 0.00	32.48 -2.63 0.00	34.14 -2.57 0.00	35.02 -2.43 0.00	37.01 -2.62 0.00	36.65 -2.34 0.00	41.85 -3.46 0.86	50.38 -3.98 1.66	56.35 -3.87 2.26	62.94 -3.43 2.28	58.96 -2.55 2.23	51.98 -1.88 1.30	44.20 -1.95 0.31	37.39 -1.64 0.00
MORTIMER_115KV_TB3 55949	37.10 -1.71 0.00	34.12 -1.57 0.00	31.00 -1.53 0.00	30.83 -1.59 0.00	30.37 -1.43 0.00	31.87 -1.43 0.00	34.93 -1.76 0.00	36.14 -2.10 0.00	34.25 -1.54 0.00	32.11 -1.44 0.00	32.91 -1.59 0.00	33.32 -1.79 0.00	34.99 -1.73 0.00	35.77 -1.69 0.00	37.68 -1.94 0.00	37.31 -1.68 0.00	42.82 -2.12 1.24	51.17 -2.46 2.38	56.87 -2.37 3.24	63.25 -2.13 3.27	58.83 -1.72 3.20	52.14 -1.16 1.86	44.67 -1.35 0.44	37.31 -1.72 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.75 1.94 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.01 1.59 0.00	33.39 1.59 0.00	34.83 1.53 0.00	38.53 1.83 0.00	40.46 2.22 0.00	38.08 2.29 0.00	36.00 2.45 0.00	37.21 2.76 0.05	37.95 2.88 0.04	39.64 2.97 0.05	40.60 3.22 0.08	42.99 3.68 0.31	37.47 3.66 5.18	45.50 4.53 5.20	60.75 5.55 0.82	67.74 5.25 0.00	74.14 5.49 0.00	68.21 4.46 0.00	58.74 3.58 0.00	49.58 3.11 0.00	41.68 2.65 0.00
MUNSVILLE_WIND_PWR 323609	40.60 1.79 0.00	37.37 1.68 0.00	33.93 1.40 0.00	33.91 1.49 0.00	33.23 1.43 0.00	35.06 1.76 0.00	38.35 1.65 0.00	39.39 1.15 0.00	36.57 0.79 0.00	33.93 0.37 0.00	34.64 0.14 0.00	35.11 0.00 0.00	36.78 0.07 0.00	37.61 0.15 0.00	39.94 0.32 0.00	39.42 0.43 0.00	46.52 0.60 0.25	57.16 1.63 0.49	64.76 2.94 0.67	72.37 4.40 0.67	67.48 4.40 0.66	58.57 3.80 0.38	49.21 2.83 0.09	41.29 2.26 0.00
N SALMON___HYD 24042	38.54 -0.27 0.00	35.41 -0.29 0.00	32.21 -0.33 0.00	32.10 -0.32 0.00	31.51 -0.29 0.00	33.00 -0.30 0.00	36.36 -0.33 0.00	37.86 -0.38 0.00	35.43 -0.36 0.00	33.09 -0.47 0.00	33.88 -0.62 0.00	34.34 -0.77 0.00	35.90 -0.81 0.00	36.45 -1.01 0.00	38.56 -1.07 0.00	37.94 -1.05 0.00	45.16 -1.02 0.00	54.84 -1.18 0.00	61.67 -0.81 0.00	68.24 -0.41 0.00	63.17 -0.57 0.00	54.60 -0.55 0.00	46.04 -0.42 0.00	38.71 -0.31 0.00
N.AKRON__115KV_KNAPP 355671	36.25 -2.56 0.00	33.44 -2.25 0.00	30.38 -2.15 0.00	29.99 -2.43 0.00	29.83 -1.97 0.00	31.20 -2.10 0.00	33.83 -2.86 0.00	34.87 -3.37 0.00	33.24 -2.54 0.00	31.11 -2.45 0.00	31.84 -2.66 0.00	32.16 -2.95 0.00	33.85 -2.86 0.00	34.65 -2.81 0.00	36.45 -3.17 0.00	36.30 -2.69 0.00	41.16 -3.83 1.18	49.27 -4.48 2.27	54.83 -4.56 3.09	61.21 -4.32 3.12	57.19 -3.51 3.05	50.90 -2.48 1.77	43.53 -2.51 0.42	36.33 -2.69 0.00
N.BELMOR_69_KV_BK1 55787	41.57 2.76 0.00	38.08 2.39 0.00	34.65 2.11 0.00	34.40 1.98 0.00	33.71 1.91 0.00	35.23 1.93 0.00	39.11 2.42 0.00	41.30 3.06 0.00	38.83 3.04 0.00	36.68 3.12 0.00	41.21 3.35 -3.36	40.80 3.48 -2.21	43.58 3.60 -3.27	46.85 3.86 -5.54	51.05 4.36 -7.07	64.92 4.37 -21.57	62.60 5.36 -11.06	70.57 6.55 -7.99	79.37 6.56 -10.33	79.59 6.93 -4.01	76.32 5.80 -6.77	63.51 4.74 -3.61	50.55 4.09 0.00	42.50 3.47 0.00
N.E._GEN_SANDY PD 24062	39.86 1.05 0.00	36.69 1.00 0.00	33.54 1.01 0.00	33.39 0.97 0.00	32.72 0.92 0.00	34.20 0.90 0.00	37.68 0.99 0.00	39.31 1.07 0.00	36.68 0.89 0.00	34.46 0.91 0.00	35.50 1.00 0.00	36.23 1.12 0.00	37.81 1.10 0.00	38.65 1.20 0.00	41.09 1.47 0.00	40.78 1.44 -0.35	47.97 1.80 0.00	57.98 1.96 0.00	64.30 1.81 0.00	69.18 1.51 0.98	66.38 1.65 -0.98	56.64 1.49 0.00	47.85 1.39 0.00	40.00 0.98 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.48 1.67 0.00	37.19 1.50 0.00	34.00 1.46 0.00	33.78 1.36 0.00	33.13 1.34 0.00	34.60 1.30 0.00	38.23 1.54 0.00	40.15 1.91 0.00	37.68 1.90 0.00	35.60 2.05 0.00	36.78 2.28 0.00	37.50 2.39 0.00	39.21 2.50 0.00	40.19 2.73 0.00	42.79 3.17 0.00	45.22 3.16 -3.08	50.15 3.97 0.00	60.89 4.87 0.00	67.11 4.62 0.00	73.46 4.81 0.00	67.70 3.95 0.00	58.30 3.14 0.00	49.16 2.69 0.00	41.29 2.26 0.00
N.QUEENS_27_KV_LOAD 356247	40.87 2.06 0.00	37.48 1.78 0.00	34.55 2.02 0.00	34.27 1.85 0.00	33.67 1.88 0.00	34.96 1.66 0.00	38.34 1.65 0.00	40.30 2.06 0.00	38.04 2.25 0.00	36.04 2.48 0.00	37.50 2.90 -0.10	38.25 3.05 -0.08	39.85 3.05 -0.10	41.03 3.41 -0.16	44.17 3.88 -0.66	58.44 3.86 -15.59	61.78 4.66 -10.94	61.75 5.71 -0.01	67.49 5.00 0.00	73.80 5.15 0.00	67.89 4.14 0.00	58.52 3.36 0.00	49.62 3.16 0.00	41.87 2.85 0.00
N.TROY___115KV_TB1 355778	39.74 0.93 0.00	36.66 0.96 0.00	33.48 0.94 0.00	33.33 0.91 0.00	32.69 0.89 0.00	34.20 0.90 0.00	37.65 0.95 0.00	39.20 0.96 0.00	36.39 0.61 0.00	34.09 0.54 0.00	35.05 0.55 0.00	35.81 0.70 0.00	37.37 0.66 0.00	38.09 0.64 0.00	40.42 0.79 0.00	39.85 0.86 0.00	47.28 1.11 0.00	57.25 1.23 0.00	63.86 1.37 0.00	69.89 1.24 0.00	65.28 1.53 0.00	56.48 1.32 0.00	47.58 1.12 0.00	40.08 1.05 0.00
NARROWS_GT1_1 24228	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT1_2 24229	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00

NARROWS_GT1_3 24230	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT1_4 24231	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT1_5 24232	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT1_6 24233	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT1_7 24234	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT1_8 24235	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT2_1 24236	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT2_2 24237	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT2_3 24238	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT2_4 24239	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT2_5 24240	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT2_6 24241	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT2_7 24242	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NARROWS_GT2_8 24243	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.40 5.66 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.05 1.24 0.00	37.05 1.36 0.00	33.83 1.30 0.00	33.68 1.26 0.00	33.04 1.24 0.00	34.56 1.27 0.00	38.05 1.36 0.00	39.46 1.22 0.00	36.43 0.64 0.00	34.03 0.47 0.00	34.95 0.45 0.00	35.71 0.60 0.00	37.34 0.62 0.00	38.13 0.67 0.00	40.49 0.87 0.00	39.96 0.97 0.00	47.56 1.39 0.00	57.92 1.90 0.00	64.86 2.37 0.00	71.40 2.75 0.00	66.36 2.61 0.00	57.25 2.10 0.00	48.13 1.67 0.00	40.47 1.44 0.00

NCHELSEA_115KV_TR2 355582	40.67 1.86 0.00	37.41 1.71 0.00	34.16 1.63 0.00	33.94 1.52 0.00	33.32 1.53 0.00	34.80 1.50 0.00	38.45 1.76 0.00	40.30 2.06 0.00	37.75 1.97 0.00	35.57 2.01 0.00	36.71 2.21 0.00	37.43 2.32 0.00	39.17 2.46 0.00	40.15 2.70 0.00	42.75 3.13 0.00	42.15 3.16 0.00	50.19 4.02 0.00	61.06 5.04 0.00	67.42 4.94 0.00	73.87 5.22 0.00	68.08 4.33 0.00	58.63 3.47 0.00	49.39 2.93 0.00	41.44 2.42 0.00
NEG CAPITAL___MECHNVIL 23645	40.21 1.40 0.00	37.05 1.36 0.00	33.83 1.30 0.00	33.68 1.26 0.00	33.01 1.21 0.00	34.56 1.26 0.00	38.01 1.32 0.00	39.43 1.19 0.00	36.61 0.82 0.00	34.26 0.71 0.00	35.15 0.65 0.00	35.99 0.88 0.00	37.52 0.81 0.00	38.16 0.71 0.00	40.54 0.91 0.00	40.00 1.01 0.00	47.56 1.38 0.00	57.70 1.68 0.00	64.73 2.25 0.00	71.12 2.47 0.00	66.36 2.61 0.00	57.36 2.21 0.00	48.23 1.77 0.00	40.39 1.37 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.79 -2.02 0.00	33.83 -1.86 0.00	30.81 -1.73 0.00	30.73 -1.69 0.00	30.18 -1.62 0.00	31.77 -1.53 0.00	34.71 -1.98 0.00	37.90 -0.34 0.00	35.61 -0.18 0.00	33.15 -0.40 0.00	33.98 -0.52 0.00	34.48 -0.63 0.00	36.23 -0.48 0.00	37.12 -0.34 0.00	39.03 -0.59 0.00	36.92 -2.07 0.00	42.53 -2.54 1.10	51.04 -2.85 2.12	56.66 -2.94 2.90	62.98 -2.75 2.92	58.60 -2.29 2.85	51.62 -1.88 1.66	43.70 -2.37 0.40	37.11 -1.91 0.00
NEG CENTRAL___DRP 24199	38.38 -0.43 0.00	35.34 -0.36 0.00	32.11 -0.42 0.00	32.03 -0.39 0.00	31.45 -0.35 0.00	33.06 -0.23 0.00	36.33 -0.37 0.00	37.32 -0.92 0.00	35.03 -0.75 0.00	32.75 -0.81 0.00	33.64 -0.86 0.00	34.13 -0.98 0.00	35.83 -0.88 0.00	36.63 -0.82 0.00	38.63 -0.99 0.00	38.17 -0.82 0.00	44.60 -1.15 0.42	54.03 -1.18 0.81	60.63 -0.75 1.10	66.85 -0.69 1.11	62.21 -0.45 1.09	54.41 -0.11 0.63	46.17 -0.14 0.15	38.71 -0.31 0.00
NEG CENTRAL___INDECK 23768	38.23 -0.58 0.00	35.19 -0.50 0.00	32.04 -0.49 0.00	32.03 -0.39 0.00	31.48 -0.32 0.00	33.26 -0.03 0.00	36.18 -0.51 0.00	37.21 -1.03 0.00	34.75 -1.04 0.00	32.31 -1.24 0.00	33.05 -1.45 0.00	33.50 -1.61 0.00	35.28 -1.43 0.00	36.14 -1.31 0.00	38.08 -1.55 0.00	37.82 -1.17 0.00	43.55 -1.66 0.96	52.71 -1.46 1.86	59.21 -0.75 2.53	66.52 0.41 2.55	62.27 1.02 2.49	54.81 1.10 1.45	46.07 -0.05 0.35	38.95 -0.08 0.00
NEG CENTRAL___SENECA 23627	38.23 -0.58 0.00	35.19 -0.50 0.00	31.98 -0.55 0.00	31.87 -0.55 0.00	31.35 -0.45 0.00	32.96 -0.33 0.00	36.18 -0.51 0.00	36.94 -1.30 0.00	34.71 -1.07 0.00	32.45 -1.11 0.00	33.26 -1.24 0.00	33.78 -1.33 0.00	35.43 -1.28 0.00	36.26 -1.20 0.00	38.24 -1.39 0.00	37.90 -1.09 0.00	43.91 -1.52 0.74	52.96 -1.62 1.43	59.54 -1.00 1.95	65.66 -1.03 1.97	61.12 -0.70 1.92	53.87 -0.17 1.12	46.06 -0.14 0.27	38.63 -0.39 0.00
NEG CENTRAL___STATE_STREET 24147	38.66 -0.16 0.00	35.58 -0.11 0.00	32.34 -0.20 0.00	32.23 -0.19 0.00	31.64 -0.16 0.00	33.23 -0.07 0.00	36.51 -0.18 0.00	37.78 -0.46 0.00	35.46 -0.32 0.00	33.15 -0.40 0.00	34.05 -0.45 0.00	34.62 -0.49 0.00	36.27 -0.44 0.00	37.04 -0.41 0.00	39.07 -0.55 0.00	38.56 -0.43 0.00	45.53 -0.65 0.00	55.46 -0.56 0.00	62.24 -0.25 0.00	68.65 0.00 0.00	63.87 0.13 0.00	55.37 0.22 0.00	46.51 0.05 0.00	38.91 -0.12 0.00
NEG MILLWOOD___DRP 24198	40.79 1.98 0.00	37.48 1.78 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.86 1.56 0.00	38.56 1.87 0.00	40.38 2.14 0.00	37.93 2.15 0.00	35.67 2.11 0.00	36.92 2.42 0.00	37.60 2.49 0.00	39.32 2.61 0.00	40.38 2.92 0.00	42.99 3.37 0.00	42.87 3.31 -0.57	50.42 4.25 0.00	61.40 5.38 0.00	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.74 3.58 0.00	49.53 3.07 0.00	41.56 2.54 0.00
NEG NORTH_FLCN_SEA 23793	38.70 -0.12 0.00	35.55 -0.14 0.00	32.37 -0.16 0.00	32.26 -0.16 0.00	31.67 -0.13 0.00	33.13 -0.17 0.00	36.55 -0.15 0.00	38.09 -0.15 0.00	35.64 -0.14 0.00	33.32 -0.23 0.00	34.09 -0.41 0.00	34.55 -0.56 0.00	36.09 -0.62 0.00	36.71 -0.75 0.00	38.79 -0.83 0.00	38.21 -0.78 0.00	45.44 -0.74 0.00	55.18 -0.84 0.00	61.92 -0.56 0.00	68.31 -0.34 0.00	63.30 -0.45 0.00	54.71 -0.44 0.00	46.14 -0.33 0.00	38.79 -0.23 0.00
NEG NORTH_KES_CHATEGAY 23792	38.62 -0.19 0.00	35.48 -0.21 0.00	32.30 -0.23 0.00	32.19 -0.23 0.00	31.58 -0.22 0.00	33.03 -0.27 0.00	36.44 -0.26 0.00	37.97 -0.27 0.00	35.50 -0.29 0.00	33.15 -0.40 0.00	33.95 -0.55 0.00	34.41 -0.70 0.00	35.94 -0.77 0.00	36.56 -0.90 0.00	38.67 -0.95 0.00	38.05 -0.94 0.00	45.21 -0.97 0.00	54.90 -1.12 0.00	61.74 -0.75 0.00	68.10 -0.55 0.00	63.05 -0.70 0.00	54.49 -0.66 0.00	45.95 -0.51 0.00	38.67 -0.35 0.00
NEG NORTH___ALICE_FALLS 23915	38.77 -0.04 0.00	35.62 -0.07 0.00	32.40 -0.13 0.00	32.32 -0.10 0.00	31.70 -0.10 0.00	33.20 -0.10 0.00	36.62 -0.07 0.00	38.13 -0.11 0.00	35.71 -0.07 0.00	33.35 -0.20 0.00	34.12 -0.38 0.00	34.58 -0.53 0.00	36.12 -0.59 0.00	36.71 -0.75 0.00	38.83 -0.79 0.00	38.25 -0.74 0.00	45.48 -0.69 0.00	55.29 -0.73 0.00	62.11 -0.37 0.00	68.58 -0.07 0.00	63.56 -0.19 0.00	54.93 -0.22 0.00	46.28 -0.19 0.00	38.91 -0.12 0.00
NEG NORTH___LWR_SARANAC 23913	38.77 -0.04 0.00	35.62 -0.07 0.00	32.40 -0.13 0.00	32.32 -0.10 0.00	31.70 -0.10 0.00	33.20 -0.10 0.00	36.62 -0.07 0.00	38.13 -0.11 0.00	35.71 -0.07 0.00	33.35 -0.20 0.00	34.12 -0.38 0.00	34.58 -0.53 0.00	36.12 -0.59 0.00	36.71 -0.75 0.00	38.83 -0.79 0.00	38.25 -0.74 0.00	45.48 -0.69 0.00	55.29 -0.73 0.00	62.11 -0.37 0.00	68.58 -0.07 0.00	63.56 -0.19 0.00	54.93 -0.22 0.00	46.28 -0.19 0.00	38.91 -0.12 0.00
NEG NORTH___PLATTSBURG 23628	38.77 -0.04 0.00	35.62 -0.07 0.00	32.40 -0.13 0.00	32.32 -0.10 0.00	31.70 -0.10 0.00	33.20 -0.10 0.00	36.62 -0.07 0.00	38.13 -0.11 0.00	35.68 -0.11 0.00	33.36 -0.20 0.00	34.12 -0.38 0.00	34.59 -0.53 0.00	36.12 -0.59 0.00	36.71 -0.75 0.00	38.83 -0.79 0.00	38.25 -0.74 0.00	45.48 -0.69 0.00	55.29 -0.73 0.00	62.11 -0.37 0.00	68.58 -0.07 0.00	63.56 -0.19 0.00	54.93 -0.22 0.00	46.32 -0.14 0.00	38.91 -0.12 0.00
NEG WEST_LEA_LOCKPORT 23791	35.51 -3.30 0.00	32.80 -2.89 0.00	29.80 -2.73 0.00	29.40 -3.02 0.00	29.22 -2.58 0.00	30.57 -2.73 0.00	33.02 -3.67 0.00	34.07 -4.17 0.00	32.56 -3.22 0.00	30.54 -3.02 0.00	31.29 -3.21 0.00	31.60 -3.51 0.00	33.22 -3.49 0.00	34.05 -3.41 0.00	35.82 -3.80 0.00	35.60 -3.39 0.00	40.25 -4.76 1.17	48.00 -5.77 2.25	53.30 -6.12 3.06	59.39 -6.18 3.08	55.56 -5.16 3.02	49.48 -3.92 1.75	42.42 -3.62 0.42	35.47 -3.55 0.00
NEG WEST___LANCASTR 23811	35.44 -3.38 0.00	32.69 -3.00 0.00	29.70 -2.83 0.00	29.44 -2.98 0.00	29.13 -2.67 0.00	30.57 -2.73 0.00	33.17 -3.52 0.00	34.15 -4.09 0.00	32.49 -3.29 0.00	30.54 -3.02 0.00	31.40 -3.11 0.00	31.67 -3.44 0.00	33.33 -3.38 0.00	34.16 -3.30 0.00	36.02 -3.61 0.00	35.87 -3.12 0.00	39.53 -5.59 1.06	47.20 -6.78 2.04	52.33 -7.37 2.78	58.30 -7.55 2.80	54.38 -6.63 2.74	48.32 -5.24 1.59	41.20 -4.88 0.38	35.79 -3.24 0.00

NEG_PENN_ALLEGHNY 23528	38.93 0.12 0.00	35.87 0.18 0.00	32.63 0.10 0.00	32.55 0.13 0.00	31.93 0.13 0.00	33.53 0.23 0.00	36.80 0.11 0.00	38.20 -0.04 0.00	35.82 0.04 0.00	33.56 0.00 0.00	34.50 0.00 0.00	35.04 -0.07 0.00	36.71 0.00 0.00	37.57 0.11 0.00	39.74 0.12 0.00	39.18 0.20 0.00	45.93 0.05 0.29	55.69 0.22 0.56	62.04 0.31 0.76	68.43 0.55 0.76	63.57 0.57 0.75	55.27 0.55 0.43	46.73 0.37 0.10	39.33 0.31 0.00
NEG___GEN_MONROE 24207	37.18 -1.63 0.00	34.19 -1.50 0.00	31.07 -1.46 0.00	30.83 -1.59 0.00	30.40 -1.40 0.00	31.93 -1.37 0.00	34.93 -1.76 0.00	36.06 -2.18 0.00	34.14 -1.65 0.00	32.01 -1.54 0.00	32.81 -1.69 0.00	33.22 -1.90 0.00	34.91 -1.80 0.00	35.66 -1.80 0.00	37.56 -2.06 0.00	37.27 -1.72 0.00	42.63 -2.31 1.23	51.01 -2.63 2.38	56.81 -2.44 3.24	63.33 -2.06 3.26	58.96 -1.59 3.19	52.25 -1.05 1.85	44.86 -1.16 0.44	37.50 -1.52 0.00
NEPA___ENERGY 23901	35.86 -2.95 0.00	33.09 -2.61 0.00	30.09 -2.44 0.00	29.86 -2.56 0.00	29.51 -2.29 0.00	30.97 -2.33 0.00	33.61 -3.08 0.00	34.72 -3.52 0.00	32.99 -2.79 0.00	31.04 -2.52 0.00	31.91 -2.59 0.00	32.16 -2.95 0.00	33.85 -2.86 0.00	34.68 -2.77 0.00	36.57 -3.05 0.00	36.38 -2.61 0.00	40.91 -4.20 1.06	48.88 -5.10 2.04	54.14 -5.56 2.78	60.29 -5.56 2.80	56.29 -4.72 2.74	49.98 -3.58 1.59	42.60 -3.48 0.38	36.21 -2.81 0.00
NEVERSINK___HYD 23608	40.32 1.51 0.00	37.05 1.36 0.00	33.77 1.24 0.00	33.62 1.20 0.00	32.98 1.18 0.00	34.39 1.10 0.00	38.09 1.39 0.00	39.77 1.53 0.00	37.36 1.57 0.00	35.17 1.61 0.00	36.26 1.76 0.00	36.94 1.82 0.00	38.66 1.94 0.00	39.66 2.21 0.00	42.24 2.61 0.00	41.10 2.65 0.54	49.54 3.37 0.00	60.39 4.37 0.00	66.86 4.37 0.00	73.38 4.73 0.00	67.70 3.95 0.00	58.24 3.09 0.00	49.06 2.60 0.00	40.90 1.87 0.00
NEWKRMKL_115KV_TB1 55635	39.24 0.43 0.00	36.37 0.68 0.00	33.21 0.68 0.00	33.10 0.68 0.00	32.43 0.64 0.00	33.93 0.63 0.00	37.35 0.66 0.00	38.93 0.69 0.00	36.04 0.25 0.00	33.79 0.23 0.00	34.78 0.28 0.00	35.57 0.46 0.00	37.12 0.40 0.00	37.87 0.41 0.00	40.14 0.52 0.00	39.57 0.58 0.00	46.87 0.69 0.00	56.69 0.67 0.00	63.11 0.62 0.00	69.20 0.55 0.00	64.32 0.57 0.00	55.65 0.50 0.00	46.88 0.42 0.00	39.57 0.55 0.00
NEWTON___FALLS_HYD 23847	38.27 -0.54 0.00	35.16 -0.54 0.00	31.95 -0.59 0.00	31.87 -0.55 0.00	31.35 -0.45 0.00	32.96 -0.33 0.00	36.18 -0.51 0.00	37.44 -0.80 0.00	34.89 -0.89 0.00	32.45 -1.11 0.00	33.22 -1.28 0.00	33.74 -1.37 0.00	35.28 -1.43 0.00	35.81 -1.65 0.00	38.00 -1.62 0.00	37.39 -1.60 0.00	44.24 -1.94 0.00	53.84 -2.18 0.00	60.86 -1.62 0.00	67.76 -0.89 0.00	63.05 -0.70 0.00	54.49 -0.66 0.00	45.95 -0.51 0.00	38.63 -0.39 0.00
NGRID_A1_DSASP 323792	34.58 -4.23 0.00	31.94 -3.75 0.00	28.99 -3.55 0.00	29.15 -3.27 0.00	28.40 -3.40 0.00	29.73 -3.56 0.00	32.25 -4.44 0.00	33.31 -4.93 0.00	31.92 -3.86 0.00	29.93 -3.62 0.00	30.71 -3.80 0.00	31.00 -4.11 0.00	32.56 -4.15 0.00	33.37 -4.08 0.00	35.11 -4.52 0.00	34.82 -4.17 0.00	39.42 -5.59 1.17	46.81 -6.95 2.27	51.85 -7.56 3.07	57.66 -7.89 3.10	53.94 -6.76 3.05	48.21 -5.18 1.76	41.44 -4.60 0.42	34.58 -4.45 0.00
NGRID_A2_DSASP 323793	34.58 -4.23 0.00	31.94 -3.75 0.00	28.99 -3.55 0.00	29.15 -3.27 0.00	28.40 -3.40 0.00	29.73 -3.56 0.00	32.25 -4.44 0.00	33.31 -4.93 0.00	31.92 -3.86 0.00	29.93 -3.62 0.00	30.71 -3.80 0.00	31.00 -4.11 0.00	32.56 -4.15 0.00	33.37 -4.08 0.00	35.11 -4.52 0.00	34.82 -4.17 0.00	39.42 -5.59 1.17	46.81 -6.95 2.27	51.85 -7.56 3.07	57.66 -7.89 3.10	53.94 -6.76 3.05	48.21 -5.18 1.76	41.44 -4.60 0.42	34.58 -4.45 0.00
NGRID_A4_DSASP 323807	34.58 -4.23 0.00	31.94 -3.75 0.00	28.99 -3.55 0.00	29.15 -3.27 0.00	28.40 -3.40 0.00	29.73 -3.56 0.00	32.25 -4.44 0.00	33.31 -4.93 0.00	31.92 -3.86 0.00	29.93 -3.62 0.00	30.71 -3.80 0.00	31.00 -4.11 0.00	32.56 -4.15 0.00	33.37 -4.08 0.00	35.11 -4.52 0.00	34.82 -4.17 0.00	39.42 -5.59 1.17	46.81 -6.95 2.27	51.85 -7.56 3.07	57.66 -7.89 3.10	53.94 -6.76 3.05	48.21 -5.18 1.76	41.44 -4.60 0.42	34.58 -4.45 0.00
NIAGARA_115E_LBMP 323715	34.93 -3.88 0.00	32.41 -3.28 0.00	29.54 -2.99 0.00	29.47 -2.95 0.00	28.97 -2.83 0.00	30.40 -2.90 0.00	32.29 -4.40 0.00	33.80 -4.44 0.00	32.06 -3.72 0.00	29.93 -3.62 0.00	30.71 -3.80 0.00	30.97 -4.14 0.00	32.56 -4.15 0.00	33.37 -4.08 0.00	35.19 -4.44 0.00	34.85 -4.13 0.00	39.29 -5.73 1.16	47.00 -6.78 2.24	51.94 -7.50 3.05	57.96 -7.62 3.07	54.24 -6.50 3.00	48.22 -5.19 1.75	40.89 -5.16 0.42	34.73 -4.29 0.00
NIAGARA_115W_LBMP 323714	34.50 -4.31 0.00	31.84 -3.86 0.00	29.02 -3.51 0.00	28.98 -3.44 0.00	28.46 -3.34 0.00	30.00 -3.30 0.00	32.21 -4.48 0.00	33.73 -4.51 0.00	31.99 -3.79 0.00	29.86 -3.69 0.00	30.64 -3.86 0.00	30.93 -4.18 0.00	32.49 -4.22 0.00	33.30 -4.16 0.00	35.11 -4.52 0.00	34.74 -4.25 0.00	39.32 -5.68 1.17	46.92 -6.84 2.27	51.72 -7.69 3.08	57.66 -7.89 3.10	54.00 -6.69 3.05	48.09 -5.29 1.77	40.70 -5.34 0.42	34.57 -4.45 0.00
NIAGARA_230_LBMP 323716	35.12 -3.69 0.00	32.44 -3.25 0.00	29.54 -2.99 0.00	29.50 -2.92 0.00	28.97 -2.83 0.00	30.50 -2.80 0.00	32.80 -3.89 0.00	34.34 -3.90 0.00	32.53 -3.26 0.00	30.40 -3.16 0.00	31.19 -3.31 0.00	31.46 -3.65 0.00	33.04 -3.67 0.00	33.86 -3.60 0.00	35.70 -3.92 0.00	35.32 -3.67 0.00	40.00 -4.99 1.19	47.79 -5.94 2.29	52.74 -6.63 3.12	58.78 -6.73 3.14	55.00 -5.67 3.07	48.95 -4.41 1.79	41.44 -4.60 0.43	35.20 -3.82 0.00
NIAGARA___115KV_198_GIBSON 55903	34.50 -4.31 0.00	31.87 -3.82 0.00	28.92 -3.61 0.00	29.15 -3.27 0.00	28.33 -3.47 0.00	29.67 -3.63 0.00	32.18 -4.51 0.00	33.23 -5.01 0.00	31.85 -3.94 0.00	29.86 -3.69 0.00	30.64 -3.86 0.00	30.93 -4.18 0.00	32.49 -4.22 0.00	33.30 -4.16 0.00	35.03 -4.60 0.00	34.74 -4.25 0.00	39.32 -5.68 1.17	46.69 -7.06 2.27	51.66 -7.75 3.08	57.52 -8.03 3.10	53.81 -6.88 3.05	48.09 -5.29 1.76	41.30 -4.74 0.42	34.50 -4.53 0.00
NIAGARA____ 23760	35.12 -3.69 0.00	32.44 -3.25 0.00	29.54 -2.99 0.00	29.50 -2.92 0.00	28.97 -2.83 0.00	30.50 -2.80 0.00	32.80 -3.89 0.00	34.34 -3.90 0.00	32.53 -3.26 0.00	30.40 -3.16 0.00	31.19 -3.31 0.00	31.46 -3.65 0.00	33.04 -3.67 0.00	33.86 -3.60 0.00	35.70 -3.92 0.00	35.32 -3.67 0.00	40.01 -4.99 1.17	47.81 -5.94 2.27	52.78 -6.63 3.08	58.82 -6.73 3.11	55.03 -5.67 3.05	48.97 -4.41 1.77	41.44 -4.60 0.42	35.20 -3.82 0.00
NINE_MILE_1 23575	37.68 -1.13 0.00	34.66 -1.04 0.00	31.59 -0.94 0.00	31.48 -0.94 0.00	30.88 -0.92 0.00	32.40 -0.90 0.00	35.63 -1.07 0.00	37.09 -1.15 0.00	34.75 -1.04 0.00	32.58 -0.97 0.00	33.47 -1.03 0.00	34.06 -1.05 0.00	35.61 -1.10 0.00	36.33 -1.12 0.00	38.24 -1.39 0.00	37.62 -1.37 0.00	35.64 -1.66 8.87	36.96 -1.96 17.10	37.06 -2.12 23.30	42.97 -2.20 23.48	38.81 -1.98 22.96	40.10 -1.71 13.35	41.70 -1.58 3.18	37.93 -1.09 0.00

NINE_MILE_2 23744	37.68 -1.13 0.00	34.69 -1.00 0.00	31.59 -0.94 0.00	31.48 -0.94 0.00	30.91 -0.89 0.00	32.40 -0.90 0.00	35.67 -1.03 0.00	37.09 -1.15 0.00	34.78 -1.00 0.00	32.58 -0.97 0.00	33.47 -1.03 0.00	34.06 -1.05 0.00	35.65 -1.07 0.00	36.33 -1.12 0.00	38.24 -1.39 0.00	37.62 -1.37 0.00	35.53 -1.66 8.99	36.74 -1.96 17.32	36.76 -2.12 23.60	42.67 -2.20 23.78	38.51 -1.98 23.26	39.92 -1.71 13.52	41.66 -1.58 3.23	37.93 -1.09 0.00
NM_CAPITAL___DRP 24208	39.32 0.50 0.00	36.37 0.68 0.00	33.25 0.72 0.00	33.10 0.68 0.00	32.47 0.67 0.00	33.93 0.63 0.00	37.39 0.70 0.00	38.93 0.69 0.00	36.11 0.32 0.00	33.86 0.30 0.00	34.85 0.35 0.00	35.64 0.53 0.00	37.19 0.48 0.00	37.94 0.49 0.00	40.26 0.63 0.00	39.65 0.66 0.00	46.96 0.78 0.00	56.80 0.78 0.00	63.17 0.69 0.00	69.20 0.55 0.00	64.38 0.64 0.00	55.70 0.55 0.00	46.97 0.51 0.00	39.61 0.59 0.00
NM_CENTRAL___DRP 24181	38.35 -0.47 0.00	35.30 -0.39 0.00	32.11 -0.42 0.00	32.00 -0.42 0.00	31.42 -0.38 0.00	32.96 -0.33 0.00	36.29 -0.40 0.00	37.67 -0.57 0.00	35.36 -0.43 0.00	33.12 -0.44 0.00	34.05 -0.45 0.00	34.62 -0.49 0.00	36.23 -0.48 0.00	37.01 -0.45 0.00	38.99 -0.63 0.00	38.40 -0.58 0.00	44.89 -0.78 0.50	54.17 -0.90 0.96	60.37 -0.81 1.30	66.58 -0.76 1.31	61.82 -0.64 1.28	53.91 -0.50 0.75	45.77 -0.51 0.18	38.52 -0.51 0.00
NM_FRONTIER___DRP 24179	34.50 -4.31 0.00	31.87 -3.82 0.00	28.92 -3.61 0.00	29.15 -3.27 0.00	28.33 -3.47 0.00	29.67 -3.63 0.00	32.18 -4.51 0.00	33.23 -5.01 0.00	31.85 -3.94 0.00	29.86 -3.69 0.00	30.64 -3.86 0.00	30.93 -4.18 0.00	32.49 -4.22 0.00	33.30 -4.16 0.00	35.03 -4.60 0.00	34.74 -4.25 0.00	39.32 -5.68 1.17	46.69 -7.06 2.27	51.66 -7.75 3.08	57.52 -8.03 3.10	53.81 -6.88 3.05	48.09 -5.29 1.76	41.30 -4.74 0.42	34.50 -4.53 0.00
NM_ST_REGIS___HYD 24053	38.07 -0.74 0.00	34.98 -0.71 0.00	31.78 -0.75 0.00	31.71 -0.71 0.00	31.13 -0.67 0.00	32.63 -0.67 0.00	35.85 -0.84 0.00	37.28 -0.96 0.00	34.82 -0.97 0.00	32.48 -1.07 0.00	33.29 -1.21 0.00	33.78 -1.33 0.00	35.28 -1.43 0.00	35.84 -1.61 0.00	37.92 -1.70 0.00	37.31 -1.68 0.00	44.37 -1.80 0.00	53.84 -2.18 0.00	60.61 -1.87 0.00	67.07 -1.58 0.00	62.28 -1.47 0.00	53.83 -1.32 0.00	45.39 -1.07 0.00	38.32 -0.70 0.00
NORTHPORT___1 23551	41.57 2.76 0.00	38.08 2.39 0.00	34.58 2.05 0.00	34.36 1.95 0.00	33.64 1.84 0.00	35.13 1.83 0.00	39.04 2.35 0.00	41.04 2.79 -0.01	38.83 3.04 -0.01	36.72 3.15 -0.01	41.18 3.31 -3.36	40.76 3.44 -2.21	43.51 3.52 -3.27	46.70 3.71 -5.54	50.81 4.12 -7.07	52.53 4.05 -9.49	53.88 4.85 -2.86	63.11 5.88 -1.21	69.73 5.69 -1.56	75.15 5.90 -0.59	69.60 4.84 -1.01	59.66 3.97 -0.54	50.56 4.09 -0.01	42.16 3.12 -0.01
NORTHPORT___2 23552	41.57 2.76 0.00	38.08 2.39 0.00	34.58 2.05 0.00	34.36 1.95 0.00	33.64 1.84 0.00	35.13 1.83 0.00	39.04 2.35 0.00	41.04 2.79 -0.01	38.83 3.04 -0.01	36.72 3.15 -0.01	41.18 3.31 -3.36	40.76 3.44 -2.21	43.51 3.52 -3.27	46.70 3.71 -5.54	50.81 4.12 -7.07	52.53 4.05 -9.49	53.88 4.85 -2.86	63.11 5.88 -1.21	69.73 5.69 -1.56	75.15 5.90 -0.59	69.60 4.84 -1.01	59.66 3.97 -0.54	50.56 4.09 -0.01	42.16 3.12 -0.01
NORTHPORT___3 23553	41.53 2.72 0.00	38.05 2.36 0.00	34.55 2.02 0.00	34.36 1.95 0.00	33.61 1.81 0.00	35.09 1.80 0.00	39.01 2.31 0.00	41.00 2.75 -0.01	38.80 3.01 -0.01	36.68 3.12 -0.01	41.18 3.31 -3.36	40.76 3.44 -2.21	43.51 3.52 -3.27	46.70 3.71 -5.54	50.81 4.12 -7.07	52.52 4.05 -9.48	53.87 4.85 -2.85	63.05 5.83 -1.20	69.66 5.63 -1.55	75.15 5.90 -0.59	69.53 4.78 -1.00	59.66 3.97 -0.53	50.51 4.04 -0.01	42.16 3.12 -0.01
NORTHPORT___4 23650	41.53 2.72 0.00	38.05 2.36 0.00	34.55 2.02 0.00	34.36 1.95 0.00	33.61 1.81 0.00	35.09 1.80 0.00	39.01 2.31 0.00	41.00 2.75 -0.01	38.80 3.01 -0.01	36.68 3.12 -0.01	41.18 3.31 -3.36	40.76 3.44 -2.21	43.51 3.52 -3.27	46.70 3.71 -5.54	50.81 4.12 -7.07	52.52 4.05 -9.48	53.87 4.85 -2.85	63.05 5.83 -1.20	69.66 5.63 -1.55	75.15 5.90 -0.59	69.53 4.78 -1.00	59.66 3.97 -0.53	50.51 4.04 -0.01	42.16 3.12 -0.01
NORTHPORT___IC 23718	41.57 2.76 0.00	38.08 2.39 0.00	34.61 2.08 0.00	34.36 1.95 0.00	33.67 1.88 0.00	35.20 1.90 0.00	39.11 2.42 0.00	41.34 3.10 0.00	38.83 3.04 0.00	36.71 3.15 0.00	41.18 3.31 -3.36	40.76 3.44 -2.21	43.47 3.49 -3.27	46.70 3.71 -5.54	50.77 4.08 -7.07	52.49 4.02 -9.49	53.88 4.85 -2.86	63.11 5.88 -1.21	69.79 5.75 -1.56	75.15 5.90 -0.59	69.60 4.84 -1.01	59.66 3.97 -0.54	50.41 3.95 0.00	42.50 3.47 0.00
NORTH___COUNTRY_ESR 323785	38.58 -0.23 0.00	35.44 -0.25 0.00	32.24 -0.29 0.00	32.16 -0.26 0.00	31.54 -0.26 0.00	33.00 -0.30 0.00	36.40 -0.29 0.00	37.93 -0.31 0.00	35.50 -0.29 0.00	33.19 -0.37 0.00	33.98 -0.52 0.00	34.44 -0.67 0.00	35.98 -0.73 0.00	36.60 -0.86 0.00	38.67 -0.95 0.00	38.09 -0.90 0.00	45.25 -0.92 0.00	54.90 -1.12 0.00	61.67 -0.81 0.00	67.96 -0.69 0.00	62.92 -0.83 0.00	54.38 -0.77 0.00	45.95 -0.51 0.00	38.60 -0.43 0.00
NPX_GEN_1385_PROXY 323591	41.68 2.87 0.00	38.08 2.39 0.00	34.58 2.05 0.00	34.36 1.95 0.00	33.64 1.84 0.00	35.13 1.83 0.00	39.04 2.35 0.00	40.77 2.52 -0.01	38.59 2.79 -0.01	36.72 3.15 -0.01	40.59 2.72 -3.36	40.51 3.19 -2.21	43.25 3.27 -3.27	46.07 3.07 -5.54	49.86 3.17 -7.07	51.87 3.39 -9.49	53.42 4.39 -2.86	62.49 5.26 -1.21	69.29 5.25 -1.56	73.48 5.21 0.38	70.33 4.59 -1.99	59.49 3.80 -0.54	50.70 4.23 -0.01	42.16 3.12 -0.01
NPX_GEN_CSC 323557	41.84 3.03 0.00	38.58 2.89 0.00	34.94 2.41 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.38 3.14 -0.01	39.37 3.58 -0.01	37.45 3.89 -0.01	41.80 3.93 -3.36	41.11 3.79 -2.21	43.76 3.78 -3.27	46.89 3.90 -5.54	51.01 4.32 -7.07	53.04 4.17 -9.87	54.56 5.26 -3.12	63.99 6.55 -1.42	70.70 6.38 -1.84	75.03 6.66 0.28	71.15 5.23 -2.17	60.20 4.41 -0.63	50.74 4.27 -0.01	42.50 3.47 -0.01
NSINS_S___GLNS_FALLS 23858	40.05 1.24 0.00	36.94 1.25 0.00	33.74 1.20 0.00	33.59 1.17 0.00	32.94 1.14 0.00	34.53 1.23 0.00	37.98 1.28 0.00	39.23 0.99 0.00	36.25 0.47 0.00	33.86 0.30 0.00	34.54 0.03 0.00	35.46 0.35 0.00	36.75 0.04 0.00	37.27 -0.19 0.00	39.54 -0.08 0.00	39.11 0.12 0.00	46.64 0.46 0.00	56.69 0.67 0.00	64.36 1.87 0.00	71.05 2.40 0.00	66.68 2.93 0.00	57.47 2.32 0.00	48.18 1.72 0.00	40.47 1.44 0.00
NUCOR_STEEL___DRP 24197	38.70 -0.12 0.00	35.66 -0.04 0.00	32.40 -0.13 0.00	32.32 -0.10 0.00	31.73 -0.06 0.00	33.30 0.00 0.00	36.58 -0.11 0.00	37.86 -0.38 0.00	35.50 -0.29 0.00	33.22 -0.34 0.00	34.09 -0.41 0.00	34.66 -0.46 0.00	36.31 -0.40 0.00	37.08 -0.37 0.00	39.11 -0.52 0.00	38.56 -0.43 0.00	45.53 -0.65 0.00	55.46 -0.56 0.00	62.17 -0.31 0.00	68.58 -0.07 0.00	63.81 0.06 0.00	55.32 0.17 0.00	46.51 0.05 0.00	38.95 -0.08 0.00

NUMBER_THREE_WT_PWR 323818	39.09 0.27 0.00	35.94 0.25 0.00	32.63 0.10 0.00	32.58 0.16 0.00	32.08 0.29 0.00	33.83 0.53 0.00	37.13 0.44 0.00	38.32 0.08 0.00	35.64 -0.14 0.00	33.05 -0.50 0.00	33.84 -0.66 0.00	34.34 -0.77 0.00	35.94 -0.77 0.00	36.41 -1.05 0.00	38.71 -0.91 0.00	38.17 -0.82 0.00	45.02 -1.15 0.00	54.95 -1.07 0.00	62.36 -0.12 0.00	69.61 0.96 0.00	64.89 1.15 0.00	56.03 0.88 0.00	47.11 0.65 0.00	39.57 0.55 0.00
NYISO_LBMP_REFERENCE 24008	38.81 0.00 0.00	35.69 0.00 0.00	32.53 0.00 0.00	32.42 0.00 0.00	31.80 0.00 0.00	33.30 0.00 0.00	36.69 0.00 0.00	38.24 0.00 0.00	35.78 0.00 0.00	33.56 0.00 0.00	34.50 0.00 0.00	35.11 0.00 0.00	36.71 0.00 0.00	37.46 0.00 0.00	39.62 0.00 0.00	38.99 0.00 0.00	46.18 0.00 0.00	56.02 0.00 0.00	62.49 0.00 0.00	68.65 0.00 0.00	63.75 0.00 0.00	55.15 0.00 0.00	46.46 0.00 0.00	39.02 0.00 0.00
NYPA_BRENTWD____GT 24164	42.03 3.22 0.00	38.51 2.82 0.00	34.94 2.41 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.50 3.25 -0.01	39.30 3.51 -0.01	37.19 3.63 -0.01	41.69 3.83 -3.36	41.22 3.90 -2.21	43.98 4.00 -3.27	47.23 4.23 -5.54	51.40 4.71 -7.07	54.05 4.72 -10.34	55.34 5.72 -3.44	64.59 6.89 -1.69	71.41 6.75 -2.18	76.63 7.14 -0.84	71.02 5.86 -1.42	60.92 5.02 -0.75	51.21 4.74 -0.01	42.66 3.63 -0.01
NYPA_GOWANUS____GT5 24156	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NYPA_GOWANUS____GT6 24157	40.75 1.94 0.00	37.33 1.64 0.00	34.16 1.63 0.00	33.80 1.39 0.01	33.16 1.37 0.01	34.45 1.16 0.01	38.15 1.47 0.01	39.99 1.76 0.01	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.17 3.89 -0.66	58.48 3.90 -15.59	61.78 4.66 -10.94	63.34 5.60 -1.72	67.55 5.06 0.00	73.94 5.29 0.00	67.95 4.21 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.29 2.26 0.00
NYPA_HARLEM__RVR__GT1 24160	40.83 2.02 0.00	37.41 1.71 0.00	34.45 1.92 0.00	34.23 1.81 0.00	33.58 1.78 0.00	34.66 1.37 0.00	38.26 1.58 0.01	40.11 1.87 0.01	37.96 2.18 0.01	35.93 2.38 0.01	37.38 2.79 -0.09	38.13 2.95 -0.07	39.77 2.97 -0.09	40.91 3.30 -0.15	44.04 3.77 -0.65	58.31 3.74 -15.58	61.64 4.53 -10.93	61.63 5.43 -0.17	67.23 4.75 0.01	73.59 4.95 0.01	67.63 3.89 0.01	58.40 3.25 0.01	49.62 3.16 0.00	41.48 2.46 0.00
NYPA_HARLEM__RVR__GT2 24161	40.83 2.02 0.00	37.41 1.71 0.00	34.45 1.92 0.00	34.23 1.81 0.00	33.58 1.78 0.00	34.66 1.37 0.00	38.26 1.58 0.01	40.11 1.87 0.01	37.96 2.18 0.01	35.93 2.38 0.01	37.38 2.79 -0.09	38.13 2.95 -0.07	39.77 2.97 -0.09	40.91 3.30 -0.15	44.04 3.77 -0.65	58.31 3.74 -15.58	61.64 4.53 -10.93	61.63 5.43 -0.17	67.23 4.75 0.01	73.59 4.95 0.01	67.63 3.89 0.01	58.40 3.25 0.01	49.62 3.16 0.00	41.48 2.46 0.00
NYPA_KENT____GT 24152	40.75 1.94 0.00	37.37 1.68 0.00	34.19 1.66 0.00	34.10 1.68 0.00	33.42 1.62 0.00	34.73 1.43 0.00	38.45 1.76 0.00	40.34 2.10 0.00	38.15 2.36 0.00	36.10 2.55 0.00	37.50 2.90 -0.10	38.18 2.98 -0.08	39.89 3.08 -0.10	40.99 3.37 -0.16	44.13 3.84 -0.66	58.40 3.82 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.61 5.12 0.00	74.01 5.36 0.00	68.02 4.27 0.00	58.69 3.53 0.00	49.67 3.20 0.00	41.44 2.42 0.00
NYPA_POUCH1____GT 24155	33.29 1.82 7.34	37.19 1.50 0.00	34.00 1.47 0.00	33.67 1.26 0.01	33.03 1.24 0.01	34.29 1.00 0.01	38.00 1.32 0.01	39.80 1.57 0.01	37.75 1.97 0.00	35.87 2.31 0.00	37.36 2.76 -0.10	38.07 2.88 -0.08	39.63 2.83 -0.10	40.80 3.18 -0.16	44.01 3.72 -0.66	58.36 3.78 -15.59	61.59 4.48 -10.94	63.17 5.43 -1.72	67.20 4.75 0.03	73.56 4.95 0.03	67.60 3.89 0.03	58.46 3.31 0.00	49.44 2.98 0.00	41.13 2.11 0.00
NYPA_VERNON____GT2 24162	40.79 1.98 0.00	37.44 1.75 0.00	34.25 1.72 0.00	34.10 1.68 0.00	33.42 1.62 0.00	34.73 1.43 0.00	38.45 1.76 0.00	40.34 2.10 0.00	38.15 2.36 0.00	36.10 2.55 0.00	37.50 2.90 -0.10	38.18 2.98 -0.08	39.89 3.08 -0.10	40.99 3.37 -0.16	44.13 3.84 -0.66	58.40 3.82 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.61 5.12 0.00	74.01 5.36 0.00	68.02 4.27 0.00	58.69 3.53 0.00	49.67 3.20 0.00	41.44 2.42 0.00
NYPA_VERNON____GT3 24163	40.79 1.98 0.00	37.44 1.75 0.00	34.25 1.72 0.00	34.10 1.68 0.00	33.42 1.62 0.00	34.73 1.43 0.00	38.45 1.76 0.00	40.34 2.10 0.00	38.15 2.36 0.00	36.10 2.55 0.00	37.50 2.90 -0.10	38.18 2.98 -0.08	39.89 3.08 -0.10	40.99 3.37 -0.16	44.13 3.84 -0.66	58.40 3.82 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.61 5.12 0.00	74.01 5.36 0.00	68.02 4.27 0.00	58.69 3.53 0.00	49.67 3.20 0.00	41.44 2.42 0.00
NYPA__ASTORIA_CC1 323568	40.75 1.94 0.00	37.41 1.71 0.00	34.25 1.72 0.00	34.07 1.65 0.00	33.42 1.62 0.00	34.70 1.40 0.00	38.42 1.72 0.00	40.27 2.03 0.00	38.08 2.29 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.32 3.74 -15.59	61.65 4.53 -10.94	63.24 5.49 -1.72	67.49 5.00 0.00	73.87 5.21 0.00	67.89 4.14 0.00	58.63 3.48 0.00	49.62 3.16 0.00	41.40 2.38 0.00
NYPA__ASTORIA_CC2 323569	40.75 1.94 0.00	37.41 1.71 0.00	34.25 1.72 0.00	34.07 1.65 0.00	33.42 1.62 0.00	34.70 1.40 0.00	38.42 1.72 0.00	40.27 2.03 0.00	38.08 2.29 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.14 2.95 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.32 3.74 -15.59	61.65 4.53 -10.94	63.24 5.49 -1.72	67.49 5.00 0.00	73.87 5.21 0.00	67.89 4.14 0.00	58.63 3.48 0.00	49.62 3.16 0.00	41.40 2.38 0.00
NYPA__HOLTSVILL 23794	41.80 2.99 0.00	38.40 2.71 0.00	34.81 2.28 0.00	34.63 2.21 0.00	33.86 2.07 0.00	35.40 2.10 0.00	39.34 2.64 0.00	41.34 3.10 -0.01	39.19 3.40 -0.01	37.12 3.56 -0.01	41.59 3.73 -3.36	41.08 3.76 -2.21	43.73 3.75 -3.27	46.93 3.93 -5.54	51.09 4.40 -7.07	53.16 4.33 -9.84	54.58 5.31 -3.10	63.98 6.55 -1.40	70.61 6.31 -1.81	75.93 6.59 -0.69	70.21 5.29 -1.18	60.30 4.52 -0.63	50.79 4.32 -0.01	42.39 3.36 -0.01
NYPA__HELLGATE_GT1 24158	40.83 2.02 0.00	37.41 1.71 0.00	34.45 1.92 0.00	34.23 1.81 0.00	33.58 1.78 0.00	34.66 1.37 0.00	38.26 1.58 0.01	40.11 1.87 0.01	37.96 2.18 0.01	35.93 2.38 0.01	37.38 2.79 -0.09	38.13 2.95 -0.07	39.77 2.97 -0.09	40.91 3.30 -0.15	44.04 3.77 -0.65	58.31 3.74 -15.58	61.64 4.53 -10.93	61.31 5.43 0.15	67.23 4.75 0.01	73.59 4.95 0.01	67.63 3.89 0.01	58.40 3.25 0.01	49.62 3.16 0.00	41.48 2.46 0.00

OSWEGATCHIE___HYD 24044	38.27 -0.54 0.00	35.16 -0.53 0.00	31.95 -0.58 0.00	31.90 -0.52 0.00	31.35 -0.45 0.00	32.96 -0.33 0.00	36.18 -0.51 0.00	37.44 -0.80 0.00	34.85 -0.93 0.00	32.45 -1.11 0.00	33.22 -1.28 0.00	33.74 -1.37 0.00	35.28 -1.43 0.00	35.81 -1.65 0.00	37.96 -1.66 0.00	37.39 -1.60 0.00	44.24 -1.94 0.00	53.83 -2.19 0.00	60.86 -1.63 0.00	67.76 -0.89 0.00	63.05 -0.70 0.00	54.49 -0.66 0.00	46.00 -0.46 0.00	38.67 -0.35 0.00
OSWEGO___5 23606	37.92 -0.89 0.00	34.91 -0.79 0.00	31.78 -0.75 0.00	31.71 -0.71 0.00	31.10 -0.70 0.00	32.60 -0.70 0.00	35.85 -0.84 0.00	37.32 -0.92 0.00	34.96 -0.82 0.00	32.75 -0.81 0.00	33.67 -0.83 0.00	34.24 -0.88 0.00	35.83 -0.88 0.00	36.56 -0.90 0.00	38.51 -1.11 0.00	37.90 -1.09 0.00	48.35 -1.38 -3.56	61.30 -1.57 -6.85	70.14 -1.68 -9.33	76.34 -1.71 -9.41	71.42 -1.53 -9.20	59.23 -1.27 -5.35	46.53 -1.21 -1.28	38.17 -0.86 0.00
OSWEGO___6 23613	37.92 -0.89 0.00	34.91 -0.79 0.00	31.78 -0.75 0.00	31.71 -0.71 0.00	31.10 -0.70 0.00	32.60 -0.70 0.00	35.85 -0.84 0.00	37.32 -0.92 0.00	34.96 -0.82 0.00	32.75 -0.81 0.00	33.67 -0.83 0.00	34.24 -0.88 0.00	35.83 -0.88 0.00	36.56 -0.90 0.00	38.51 -1.11 0.00	37.90 -1.09 0.00	48.35 -1.38 -3.56	61.30 -1.57 -6.85	70.14 -1.68 -9.33	76.34 -1.71 -9.41	71.42 -1.53 -9.20	59.23 -1.27 -5.35	46.53 -1.21 -1.28	38.17 -0.86 0.00
OUTOKUMPU-AB___DRP 24206	35.44 -3.38 0.00	32.73 -2.96 0.00	29.70 -2.83 0.00	29.57 -2.85 0.00	29.16 -2.64 0.00	30.50 -2.80 0.00	33.06 -3.63 0.00	34.07 -4.17 0.00	32.60 -3.18 0.00	30.57 -2.99 0.00	31.36 -3.14 0.00	31.67 -3.44 0.00	33.30 -3.41 0.00	34.16 -3.30 0.00	35.94 -3.68 0.00	35.75 -3.24 0.00	40.36 -4.66 1.15	48.15 -5.66 2.22	53.47 -6.00 3.01	59.50 -6.11 3.04	55.60 -5.16 2.98	49.57 -3.86 1.73	42.43 -3.62 0.41	35.55 -3.47 0.00
OXBOW___BTM 323836	35.09 -3.73 0.00	32.37 -3.32 0.00	29.47 -3.06 0.00	29.44 -2.98 0.00	28.94 -2.86 0.00	30.47 -2.83 0.00	32.69 -4.00 0.00	34.23 -4.01 0.00	32.46 -3.33 0.00	30.30 -3.25 0.00	31.08 -3.42 0.00	31.36 -3.76 0.00	32.97 -3.74 0.00	33.82 -3.63 0.00	35.66 -3.96 0.00	35.36 -3.62 0.00	39.98 -5.03 1.16	47.79 -5.99 2.24	52.82 -6.63 3.04	58.86 -6.73 3.07	55.06 -5.67 3.01	48.99 -4.41 1.75	41.45 -4.60 0.42	35.20 -3.82 0.00
OXBOW___ 24026	35.05 -3.76 0.00	32.37 -3.32 0.00	29.38 -3.16 0.00	29.40 -3.02 0.00	28.81 -2.99 0.00	30.17 -3.13 0.00	32.69 -4.00 0.00	33.73 -4.51 0.00	32.31 -3.47 0.00	30.30 -3.25 0.00	31.09 -3.42 0.00	31.35 -3.76 0.00	33.00 -3.71 0.00	33.82 -3.63 0.00	35.58 -4.04 0.00	35.36 -3.63 0.00	39.98 -5.03 1.16	47.56 -6.22 2.24	52.76 -6.69 3.04	58.72 -6.87 3.07	54.87 -5.86 3.01	49.00 -4.41 1.74	42.00 -4.04 0.42	35.12 -3.90 0.00
OXY_CHEM_DSASP 323612	34.58 -4.23 0.00	31.94 -3.75 0.00	28.99 -3.55 0.00	29.15 -3.27 0.00	28.40 -3.40 0.00	29.73 -3.56 0.00	32.25 -4.44 0.00	33.31 -4.93 0.00	31.92 -3.86 0.00	29.93 -3.62 0.00	30.71 -3.80 0.00	31.00 -4.11 0.00	32.56 -4.15 0.00	33.37 -4.08 0.00	35.11 -4.52 0.00	34.82 -4.17 0.00	39.42 -5.59 1.17	46.81 -6.95 2.27	51.85 -7.56 3.07	57.66 -7.89 3.10	53.94 -6.76 3.05	48.21 -5.18 1.76	41.44 -4.60 0.42	34.58 -4.45 0.00
OZONE_PARK_ESR 323760	41.10 2.29 0.00	37.73 2.03 0.00	34.52 1.98 0.00	34.27 1.85 0.00	33.64 1.84 0.00	35.10 1.80 0.00	38.82 2.13 0.00	40.80 2.56 0.00	38.47 2.68 0.00	36.37 2.82 0.00	37.74 3.14 -0.10	38.46 3.27 -0.08	40.18 3.38 -0.10	41.29 3.67 -0.16	44.44 4.16 -0.65	58.59 4.17 -15.43	62.12 5.13 -10.82	64.00 6.27 -1.70	68.55 6.06 0.00	75.03 6.38 0.00	69.04 5.29 0.00	59.40 4.25 0.00	50.09 3.62 0.00	42.11 3.08 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.58 -4.23 0.00	31.94 -3.75 0.00	28.99 -3.55 0.00	29.15 -3.27 0.00	28.40 -3.40 0.00	29.73 -3.56 0.00	32.25 -4.44 0.00	33.31 -4.93 0.00	31.92 -3.86 0.00	29.93 -3.62 0.00	30.71 -3.80 0.00	31.00 -4.11 0.00	32.56 -4.15 0.00	33.37 -4.08 0.00	35.11 -4.52 0.00	34.82 -4.17 0.00	39.42 -5.59 1.17	46.81 -6.95 2.27	51.85 -7.56 3.07	57.66 -7.89 3.10	53.94 -6.76 3.05	48.21 -5.18 1.76	41.44 -4.60 0.42	34.58 -4.45 0.00
PACKARD___115KV_DUPONT_184 80571	34.58 -4.23 0.00	31.91 -3.78 0.00	29.08 -3.45 0.00	29.05 -3.37 0.00	28.52 -3.27 0.00	30.07 -3.23 0.00	32.29 -4.40 0.00	33.80 -4.44 0.00	32.06 -3.72 0.00	29.93 -3.62 0.00	30.71 -3.80 0.00	31.00 -4.11 0.00	32.56 -4.15 0.00	33.37 -4.08 0.00	35.19 -4.44 0.00	34.82 -4.17 0.00	39.42 -5.59 1.17	47.03 -6.72 2.27	51.85 -7.56 3.07	57.86 -7.69 3.10	54.13 -6.56 3.05	48.20 -5.19 1.76	40.79 -5.25 0.42	34.69 -4.33 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.79 1.98 0.00	37.41 1.71 0.00	34.42 1.89 0.00	34.11 1.69 0.00	33.52 1.72 0.00	34.83 1.53 0.00	38.31 1.61 0.00	40.23 1.99 0.00	37.97 2.18 0.00	35.94 2.38 0.00	37.33 2.73 -0.10	38.00 2.81 -0.08	39.71 2.90 -0.10	40.80 3.18 -0.16	43.89 3.61 -0.66	58.16 3.59 -15.59	61.46 4.34 -10.94	61.35 5.32 -0.01	67.36 4.87 0.00	73.66 5.01 0.00	67.76 4.02 0.00	58.41 3.25 0.00	49.48 3.02 0.00	41.76 2.73 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.45 2.64 0.00	38.01 2.32 0.00	34.97 2.44 0.00	34.66 2.24 0.00	34.06 2.26 0.00	35.40 2.10 0.00	38.89 2.20 0.00	40.84 2.60 0.00	38.54 2.76 0.00	36.47 2.92 0.00	37.88 3.28 -0.10	38.56 3.37 -0.08	40.26 3.45 -0.10	41.36 3.75 -0.16	44.48 4.20 -0.66	58.79 4.21 -15.59	62.24 5.13 -10.94	62.31 6.27 -0.01	68.42 5.94 0.00	74.90 6.25 0.00	68.85 5.10 0.00	59.34 4.19 0.00	50.27 3.81 0.00	42.46 3.43 0.00
PATROON___115KV_TB1 80586	39.36 0.54 0.00	36.44 0.75 0.00	33.28 0.75 0.00	33.17 0.75 0.00	32.50 0.70 0.00	34.00 0.70 0.00	37.43 0.73 0.00	39.00 0.76 0.00	36.11 0.32 0.00	33.86 0.30 0.00	34.88 0.38 0.00	35.64 0.53 0.00	37.19 0.48 0.00	37.94 0.49 0.00	40.26 0.63 0.00	39.65 0.66 0.00	47.01 0.83 0.00	56.86 0.84 0.00	63.30 0.81 0.00	69.41 0.76 0.00	64.51 0.76 0.00	55.82 0.66 0.00	47.02 0.56 0.00	39.65 0.62 0.00
PATTRSNVILLE___SOLAR 323815	39.82 1.01 0.00	36.66 0.96 0.00	33.44 0.91 0.00	33.30 0.88 0.00	32.66 0.86 0.00	34.20 0.90 0.00	37.57 0.88 0.00	38.85 0.61 0.00	36.00 0.22 0.00	33.59 0.03 0.00	34.54 0.03 0.00	35.25 0.14 0.00	36.82 0.11 0.00	37.53 0.08 0.00	39.82 0.20 0.00	39.26 0.27 0.00	46.68 0.51 0.00	56.86 0.84 0.00	63.93 1.44 0.00	70.57 1.92 0.00	65.66 1.91 0.00	56.75 1.60 0.00	47.76 1.30 0.00	40.04 1.01 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.55 -3.26 0.00	32.84 -2.86 0.00	29.83 -2.70 0.00	29.53 -2.89 0.00	29.25 -2.54 0.00	30.67 -2.63 0.00	33.24 -3.45 0.00	34.26 -3.98 0.00	32.64 -3.15 0.00	30.67 -2.89 0.00	31.50 -3.00 0.00	31.78 -3.34 0.00	33.48 -3.23 0.00	34.35 -3.11 0.00	36.18 -3.45 0.00	36.03 -2.96 0.00	40.01 -5.08 1.08	47.77 -6.16 2.09	53.08 -6.56 2.84	59.06 -6.73 2.87	55.14 -5.80 2.80	49.00 -4.52 1.63	41.80 -4.27 0.39	35.90 -3.12 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.79 1.98 0.00	37.48 1.78 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.86 1.56 0.00	38.56 1.87 0.00	40.38 2.14 0.00	37.93 2.15 0.00	35.67 2.11 0.00	36.92 2.42 0.00	37.60 2.49 0.00	39.32 2.61 0.00	40.38 2.92 0.00	42.99 3.37 0.00	42.87 3.31 -0.57	50.42 4.25 0.00	61.40 5.38 0.00	67.80 5.31 0.00	74.28 5.63 0.00	68.27 4.53 0.00	58.74 3.58 0.00	49.53 3.07 0.00	41.56 2.54 0.00
PEEKSKILL____ 23653	40.48 1.67 0.00	37.19 1.50 0.00	33.96 1.43 0.00	33.81 1.39 0.00	33.13 1.34 0.00	34.53 1.23 0.00	38.27 1.58 0.00	40.04 1.80 0.00	37.72 1.93 0.00	35.60 2.05 0.00	36.81 2.31 0.00	37.53 2.42 0.00	39.24 2.53 0.00	40.23 2.77 0.00	42.87 3.25 0.00	44.05 3.20 -1.87	50.15 3.97 0.00	60.89 4.87 0.00	67.05 4.56 0.00	73.45 4.80 0.00	67.64 3.89 0.00	58.30 3.14 0.00	49.20 2.74 0.00	41.05 2.03 0.00
PGE MADISON__WINDPWR 24146	40.60 1.79 0.00	37.37 1.68 0.00	33.90 1.37 0.00	33.81 1.39 0.00	33.20 1.40 0.00	35.03 1.73 0.00	38.31 1.61 0.00	39.35 1.11 0.00	36.54 0.75 0.00	33.92 0.37 0.00	34.64 0.14 0.00	35.11 0.00 0.00	36.78 0.07 0.00	37.60 0.15 0.00	39.94 0.32 0.00	39.42 0.43 0.00	46.52 0.60 0.25	57.10 1.57 0.49	64.75 2.94 0.67	72.30 4.32 0.67	67.49 4.40 0.66	58.58 3.81 0.38	49.21 2.83 0.09	41.29 2.26 0.00
PIERCEFIELD____HYD 23852	37.88 -0.93 0.00	34.80 -0.89 0.00	31.62 -0.91 0.00	31.54 -0.88 0.00	31.00 -0.79 0.00	32.50 -0.80 0.00	35.67 -1.03 0.00	37.05 -1.19 0.00	34.60 -1.18 0.00	32.28 -1.28 0.00	33.05 -1.45 0.00	33.57 -1.54 0.00	35.10 -1.62 0.00	35.66 -1.80 0.00	37.72 -1.90 0.00	37.12 -1.87 0.00	44.14 -2.03 0.00	53.50 -2.52 0.00	60.17 -2.31 0.00	66.66 -1.99 0.00	61.90 -1.85 0.00	53.55 -1.60 0.00	45.16 -1.30 0.00	38.17 -0.86 0.00
PINELAWN_CC_1 323563	41.76 2.95 0.00	38.30 2.60 0.00	34.75 2.21 0.00	34.53 2.11 0.00	33.80 2.00 0.00	35.33 2.03 0.00	39.26 2.57 0.00	41.27 3.02 -0.01	39.05 3.26 -0.01	36.89 3.32 -3.36	41.42 3.55 -2.21	40.97 3.65 -2.21	43.76 3.78 -3.27	47.00 4.01 -5.54	51.20 4.52 -7.07	56.18 4.52 -12.67	56.69 5.49 -5.02	65.79 6.78 -2.99	73.04 6.69 -3.87	77.22 7.07 -1.49	72.13 5.86 -2.53	61.35 4.85 -1.35	50.93 4.46 -0.01	42.43 3.39 -0.01
PJM_GEN_HTP_PROXY 323702	40.75 1.94 0.00	37.41 1.71 0.00	34.19 1.66 0.00	34.01 1.59 0.00	33.36 1.56 0.00	34.73 1.43 0.00	38.53 1.83 0.00	40.38 2.14 0.00	38.11 2.32 0.00	36.04 2.48 -0.10	37.39 2.79 -0.08	38.14 2.95 -0.08	39.85 3.05 -0.09	40.91 3.30 -0.16	44.07 3.80 -0.64	57.92 3.74 -15.19	61.42 4.62 -10.63	63.29 5.60 -1.67	67.74 5.25 0.00	73.30 5.63 0.98	69.19 4.46 -0.98	58.79 3.64 0.00	49.67 3.20 0.00	41.44 2.42 0.00
PJM_GEN_KEystone 24065	37.52 -0.78 0.51	35.01 -0.68 0.00	31.95 -0.58 0.00	31.80 -0.62 0.00	31.23 -0.57 0.00	32.66 -0.63 0.00	35.81 -0.88 0.00	37.43 -0.80 0.00	35.25 -0.54 0.00	33.22 -0.34 0.00	34.27 -0.24 -0.01	34.80 -0.32 -0.01	36.42 -0.29 -0.01	37.35 -0.11 -0.01	39.67 0.00 -0.05	41.44 0.16 -2.29	46.25 -0.18 -0.26	55.02 -0.17 0.84	60.34 -0.69 1.46	65.50 -0.62 2.53	62.55 -0.70 0.50	53.86 -0.55 0.75	45.73 -0.56 0.18	38.44 -0.58 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.26 2.45 0.00	37.80 2.11 0.00	34.35 1.82 0.00	34.17 1.75 0.00	33.45 1.65 0.00	34.93 1.63 0.00	38.78 2.09 0.00	40.77 2.52 -0.01	38.51 2.72 -0.01	36.38 2.82 -0.01	40.90 3.04 -3.36	40.48 3.16 -2.21	43.25 3.27 -3.27	46.48 3.48 -5.54	50.65 3.96 -7.07	50.93 3.98 -7.96	52.84 4.85 -1.82	62.25 5.88 -0.35	68.68 5.75 -0.45	73.88 6.04 0.82	70.04 5.03 -1.26	59.44 4.14 -0.15	50.19 3.72 -0.01	41.88 2.85 -0.01
PJM_GEN_VFT_PROXY 323633	33.21 1.75 7.35	37.25 1.57 0.01	34.02 1.50 0.01	33.86 1.46 0.02	33.21 1.43 0.02	34.55 1.26 0.02	38.33 1.65 0.02	40.17 1.95 0.02	37.96 2.18 0.01	35.90 2.35 0.01	37.26 2.66 -0.10	37.96 2.77 -0.07	39.66 2.87 -0.09	40.75 3.15 -0.15	43.87 3.61 -0.65	58.00 3.58 -15.42	61.42 4.43 -10.81	63.09 5.38 -1.69	65.17 5.00 2.32	69.46 5.29 4.48	66.15 4.21 1.80	58.57 3.42 0.01	49.47 3.02 0.01	41.24 2.22 0.01
PLATSBURG_115KV_PMLD1 355749	38.70 -0.12 0.00	35.55 -0.14 0.00	32.34 -0.20 0.00	32.26 -0.16 0.00	31.64 -0.16 0.00	33.13 -0.17 0.00	36.51 -0.18 0.00	38.09 -0.15 0.00	35.64 -0.14 0.00	33.29 -0.27 0.00	34.09 -0.41 0.00	34.55 -0.56 0.00	36.09 -0.62 0.00	36.67 -0.79 0.00	38.79 -0.83 0.00	38.21 -0.78 0.00	45.39 -0.78 0.00	55.12 -0.90 0.00	61.86 -0.62 0.00	68.31 -0.34 0.00	63.24 -0.51 0.00	54.71 -0.44 0.00	46.09 -0.37 0.00	38.79 -0.23 0.00
PLEASANTVLY____LBMP 24000	40.29 1.47 0.00	37.01 1.32 0.00	33.83 1.30 0.00	33.65 1.23 0.00	33.01 1.21 0.00	34.46 1.17 0.00	38.09 1.39 0.00	39.92 1.68 0.00	37.47 1.68 0.00	35.33 1.78 0.00	36.50 2.00 0.00	37.22 2.11 0.00	38.88 2.17 0.00	39.85 2.40 0.00	42.40 2.77 0.00	42.43 2.77 -0.67	49.64 3.46 0.00	60.22 4.20 0.00	66.42 3.94 0.00	72.70 4.05 0.00	67.06 3.31 0.00	57.80 2.65 0.00	48.74 2.28 0.00	41.01 1.99 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.56 1.75 0.00	37.30 1.61 0.00	34.06 1.53 0.00	33.88 1.46 0.00	33.23 1.43 0.00	34.70 1.40 0.00	38.34 1.65 0.00	40.27 2.03 0.00	37.82 2.04 0.00	35.70 2.15 0.00	36.92 2.42 0.00	37.64 2.53 0.00	39.32 2.61 0.00	40.34 2.88 0.00	42.95 3.33 0.00	43.48 3.31 -1.18	50.33 4.16 0.00	61.06 5.04 0.00	67.30 4.81 0.00	73.66 5.01 0.00	67.83 4.08 0.00	58.41 3.25 0.00	49.25 2.79 0.00	41.40 2.38 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.56 1.75 0.00	37.30 1.61 0.00	34.06 1.53 0.00	33.88 1.46 0.00	33.23 1.43 0.00	34.70 1.40 0.00	38.34 1.65 0.00	40.27 2.03 0.00	37.82 2.04 0.00	35.70 2.15 0.00	36.92 2.42 0.00	37.64 2.53 0.00	39.32 2.61 0.00	40.34 2.88 0.00	42.95 3.33 0.00	43.48 3.31 -1.18	50.33 4.16 0.00	61.06 5.04 0.00	67.30 4.81 0.00	73.66 5.01 0.00	67.83 4.08 0.00	58.41 3.25 0.00	49.25 2.79 0.00	41.40 2.38 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.52 1.71 0.00	37.26 1.57 0.00	34.06 1.53 0.00	33.85 1.43 0.00	33.20 1.40 0.00	34.70 1.40 0.00	38.31 1.61 0.00	40.15 1.91 0.00	37.61 1.83 0.00	35.40 1.85 0.00	36.54 2.04 0.00	37.25 2.14 0.00	38.95 2.24 0.00	39.93 2.47 0.00	42.52 2.89 0.00	41.87 2.89 0.00	49.82 3.65 0.00	60.61 4.59 0.00	66.99 4.50 0.00	73.32 4.67 0.00	67.70 3.95 0.00	58.30 3.14 0.00	49.11 2.65 0.00	41.25 2.22 0.00
POLETTI____ 23519	40.75 1.94 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.01 1.59 0.00	33.39 1.59 0.00	34.83 1.53 0.00	38.53 1.83 0.00	40.46 2.22 0.00	38.11 2.33 0.00	36.04 2.48 0.00	37.39 2.79 -0.10	38.11 2.91 -0.08	39.82 3.01 -0.10	40.91 3.30 -0.16	44.01 3.72 -0.66	58.23 3.70 -15.54	61.65 4.57 -10.90	63.34 5.60 -1.72	67.80 5.31 0.00	74.21 5.56 0.00	68.21 4.46 0.00	58.79 3.64 0.00	49.58 3.11 0.00	41.68 2.65 0.00

POMONA___ESR 323819	40.48 1.67 0.00	37.19 1.50 0.00	33.96 1.43 0.00	33.78 1.36 0.00	33.13 1.34 0.00	34.53 1.23 0.00	38.23 1.54 0.00	40.04 1.80 0.00	37.68 1.90 0.00	35.60 2.05 0.00	36.78 2.28 0.00	37.50 2.39 0.00	39.21 2.50 0.00	40.19 2.73 0.00	42.83 3.21 0.00	45.22 3.16 -3.08	50.15 3.97 0.00	60.84 4.82 0.00	67.05 4.56 0.00	73.45 4.80 0.00	67.64 3.89 0.00	58.30 3.14 0.00	49.20 2.74 0.00	41.01 1.99 0.00
PORT_JEFF_3 23555	41.84 3.03 0.00	38.44 2.75 0.00	34.84 2.31 0.00	34.65 2.24 0.00	33.90 2.10 0.00	35.43 2.13 0.00	39.37 2.68 0.00	41.38 3.14 -0.01	39.23 3.44 -0.01	37.16 3.59 -0.01	41.63 3.76 -3.36	41.11 3.79 -2.21	43.80 3.82 -3.27	47.00 4.01 -5.54	51.20 4.52 -7.07	53.30 4.44 -9.87	54.79 5.49 -3.12	64.11 6.66 -1.42	70.63 6.31 -1.83	75.88 6.53 -0.70	70.17 5.23 -1.19	60.42 4.63 -0.63	50.89 4.42 -0.01	42.47 3.43 -0.01
PORT_JEFF_4 23616	41.84 3.03 0.00	38.44 2.75 0.00	34.84 2.31 0.00	34.65 2.24 0.00	33.90 2.10 0.00	35.43 2.13 0.00	39.37 2.68 0.00	41.38 3.14 -0.01	39.23 3.44 -0.01	37.16 3.59 -0.01	41.63 3.76 -3.36	41.11 3.79 -2.21	43.80 3.82 -3.27	47.00 4.01 -5.54	51.20 4.52 -7.07	53.30 4.44 -9.87	54.79 5.49 -3.12	64.11 6.66 -1.42	70.63 6.31 -1.83	75.88 6.53 -0.70	70.17 5.23 -1.19	60.42 4.63 -0.63	50.89 4.42 -0.01	42.47 3.43 -0.01
PORT_JEFF_IC 23713	41.92 3.10 0.00	38.51 2.82 0.00	34.94 2.41 0.00	34.66 2.24 0.00	33.96 2.16 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.80 3.56 0.00	39.29 3.51 0.00	37.25 3.69 0.00	41.73 3.86 -3.36	41.22 3.90 -2.21	43.91 3.93 -3.27	47.11 4.12 -5.54	51.29 4.60 -7.07	53.51 4.56 -9.96	54.99 5.63 -3.18	64.33 6.83 -1.47	71.07 6.69 -1.90	76.24 6.87 -0.73	70.46 5.48 -1.23	60.55 4.74 -0.66	50.78 4.32 0.00	42.97 3.94 0.00
PPL PILGRIM_ST_GT1 24216	42.03 3.22 0.00	38.51 2.82 0.00	34.94 2.41 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.50 3.25 -0.01	39.30 3.51 -0.01	37.19 3.63 -0.01	41.69 3.83 -3.36	41.22 3.90 -2.21	43.98 4.00 -3.27	47.23 4.23 -5.54	51.40 4.71 -7.07	54.05 4.72 -10.34	55.34 5.72 -3.44	64.59 6.89 -1.69	71.41 6.75 -2.18	76.63 7.14 -0.84	71.02 5.86 -1.42	60.92 5.02 -0.75	51.21 4.74 -0.01	42.66 3.63 -0.01
PPL PILGRIM_ST_GT2 24217	42.03 3.22 0.00	38.51 2.82 0.00	34.94 2.41 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.50 3.25 -0.01	39.30 3.51 -0.01	37.19 3.63 -0.01	41.69 3.83 -3.36	41.22 3.90 -2.21	43.98 4.00 -3.27	47.23 4.23 -5.54	51.40 4.71 -7.07	54.05 4.72 -10.34	55.34 5.72 -3.44	64.59 6.89 -1.69	71.41 6.75 -2.18	76.63 7.14 -0.84	71.02 5.86 -1.42	60.92 5.02 -0.75	51.21 4.74 -0.01	42.66 3.63 -0.01
PPL_SHRM_GT3 24213	41.84 3.03 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.38 3.14 -0.01	39.37 3.58 -0.01	37.45 3.89 -0.01	41.80 3.93 -3.36	41.15 3.83 -2.21	43.76 3.78 -3.27	46.89 3.90 -5.54	51.05 4.36 -7.07	53.12 4.21 -9.92	54.58 5.26 -3.15	64.07 6.61 -1.45	70.79 6.44 -1.87	76.10 6.73 -0.71	70.25 5.29 -1.21	60.21 4.41 -0.64	50.74 4.27 -0.01	42.50 3.47 -0.01
PPL_SHRM_GT4 24214	41.84 3.03 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.38 3.14 -0.01	39.37 3.58 -0.01	37.45 3.89 -0.01	41.80 3.93 -3.36	41.15 3.83 -2.21	43.76 3.78 -3.27	46.89 3.90 -5.54	51.05 4.36 -7.07	53.12 4.21 -9.92	54.58 5.26 -3.15	64.07 6.61 -1.45	70.79 6.44 -1.87	76.10 6.73 -0.71	70.25 5.29 -1.21	60.21 4.41 -0.64	50.74 4.27 -0.01	42.50 3.47 -0.01
PROJECT___ORANGE 1 24174	38.38 -0.43 0.00	35.34 -0.36 0.00	32.14 -0.39 0.00	32.03 -0.39 0.00	31.45 -0.35 0.00	32.96 -0.33 0.00	36.29 -0.40 0.00	37.67 -0.57 0.00	35.36 -0.43 0.00	33.12 -0.44 0.00	34.05 -0.45 0.00	34.62 -0.49 0.00	36.27 -0.44 0.00	37.04 -0.41 0.00	39.03 -0.59 0.00	38.44 -0.55 0.00	44.89 -0.78 0.50	54.21 -0.84 0.97	60.35 -0.81 1.33	66.63 -0.69 1.34	61.87 -0.57 1.31	53.90 -0.50 0.76	45.77 -0.51 0.18	38.52 -0.51 0.00
PROJECT___ORANGE 2 24166	38.38 -0.43 0.00	35.34 -0.36 0.00	32.14 -0.39 0.00	32.03 -0.39 0.00	31.45 -0.35 0.00	32.96 -0.33 0.00	36.29 -0.40 0.00	37.67 -0.57 0.00	35.36 -0.43 0.00	33.12 -0.44 0.00	34.05 -0.45 0.00	34.62 -0.49 0.00	36.27 -0.44 0.00	37.04 -0.41 0.00	39.03 -0.59 0.00	38.44 -0.55 0.00	44.89 -0.78 0.50	54.21 -0.84 0.97	60.35 -0.81 1.33	66.63 -0.69 1.34	61.87 -0.57 1.31	53.90 -0.50 0.76	45.77 -0.51 0.18	38.52 -0.51 0.00
PUCKETT___SOLAR 323809	39.31 0.50 0.00	36.19 0.50 0.00	32.92 0.39 0.00	32.84 0.42 0.00	32.21 0.41 0.00	33.86 0.57 0.00	37.10 0.40 0.00	38.39 0.15 0.00	35.82 0.04 0.00	33.45 -0.10 0.00	34.29 -0.21 0.00	34.79 -0.32 0.00	36.46 -0.26 0.00	37.31 -0.15 0.00	39.50 -0.12 0.00	38.99 0.00 0.27	45.81 0.57 0.53	55.78 0.28 0.72	62.46 0.69 0.72	69.16 1.24 0.72	64.38 1.34 0.71	55.95 1.21 0.41	47.24 0.88 0.10	39.73 0.70 0.00
PYRITES___HYD 24023	38.58 -0.23 0.00	35.44 -0.25 0.00	32.17 -0.36 0.00	32.10 -0.32 0.00	31.54 -0.25 0.00	33.10 -0.20 0.00	36.36 -0.33 0.00	37.67 -0.57 0.00	35.11 -0.68 0.00	32.72 -0.84 0.00	33.50 -1.00 0.00	33.99 -1.12 0.00	35.54 -1.17 0.00	36.11 -1.35 0.00	38.20 -1.43 0.00	37.59 -1.40 0.00	44.70 -1.48 0.00	54.28 -1.74 0.00	61.17 -1.31 0.00	68.03 -0.62 0.00	63.30 -0.45 0.00	54.77 -0.39 0.00	46.14 -0.33 0.00	38.91 -0.12 0.00
QUAKERRD_115KV_BK1 80622	36.56 -2.25 0.00	33.66 -2.03 0.00	30.58 -1.95 0.00	30.44 -1.98 0.00	29.95 -1.84 0.00	31.43 -1.86 0.00	34.49 -2.20 0.00	35.68 -2.56 0.00	33.75 -2.04 0.00	31.64 -1.91 0.00	32.43 -2.07 0.00	32.86 -2.25 0.00	34.51 -2.20 0.00	35.25 -2.21 0.00	37.13 -2.50 0.00	36.73 -2.26 0.00	42.19 -2.77 1.21	50.43 -3.25 2.34	55.99 -3.31 3.19	62.21 -3.23 3.21	57.80 -2.80 3.14	51.18 -2.15 1.83	43.94 -2.09 0.44	36.76 -2.26 0.00
QUENSBRY_115KV_TB8 356137	40.09 1.28 0.00	36.94 1.25 0.00	33.74 1.20 0.00	33.59 1.17 0.00	32.98 1.18 0.00	34.56 1.27 0.00	37.98 1.28 0.00	39.23 0.99 0.00	36.25 0.47 0.00	33.82 0.27 0.00	34.50 0.00 0.00	35.46 0.35 0.00	36.71 0.00 0.00	37.19 -0.26 0.00	39.46 -0.16 0.00	39.07 0.08 0.00	46.59 0.42 0.00	56.69 0.67 0.00	64.42 1.94 0.00	71.19 2.54 0.00	66.81 3.06 0.00	57.52 2.37 0.00	48.23 1.77 0.00	40.51 1.48 0.00
RAMAPO___LBMP 323565	40.33 1.51 0.00	37.05 1.36 0.00	33.87 1.33 0.00	33.65 1.23 0.00	33.04 1.24 0.00	34.50 1.20 0.00	38.12 1.43 0.00	40.00 1.76 0.00	37.54 1.75 0.00	35.47 1.91 0.00	36.67 2.17 0.00	37.36 2.25 0.00	39.06 2.35 0.00	40.04 2.58 0.00	42.63 3.01 0.00	44.59 2.96 -2.64	49.92 3.74 0.00	60.56 4.54 0.00	66.74 4.25 0.00	73.11 4.46 0.00	67.32 3.57 0.00	58.02 2.87 0.00	48.92 2.46 0.00	41.13 2.11 0.00

RANKINE_____	35.71	32.94	29.93	29.66	29.35	30.77	33.35	34.38	32.81	30.80	31.64	31.92	33.59	34.46	36.26	36.10	40.55	48.41	53.79	59.84	55.93	49.75	42.49	35.94
23646	-3.10	-2.75	-2.60	-2.76	-2.45	-2.53	-3.34	-3.86	-2.97	-2.75	-2.86	-3.20	-3.12	-3.00	-3.37	-2.89	-4.53	-5.49	-5.81	-5.90	-4.97	-3.75	-3.58	-3.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	2.12	2.89	2.91	2.85	1.65	0.39	0.00
RAVENSWOOD_GT2_1	40.75	37.44	34.22	34.01	33.39	34.83	38.53	40.46	38.11	36.04	37.39	38.11	39.82	40.88	44.01	58.28	61.69	63.34	67.80	74.21	68.21	58.79	49.58	41.68
24244	1.94	1.75	1.69	1.59	1.59	1.53	1.83	2.22	2.33	2.48	2.79	2.91	3.01	3.26	3.72	3.70	4.57	5.60	5.31	5.56	4.46	3.64	3.11	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	40.75	37.44	34.22	34.01	33.39	34.83	38.53	40.46	38.11	36.04	37.39	38.11	39.82	40.88	44.01	58.28	61.69	63.34	67.80	74.21	68.21	58.79	49.58	41.68
24245	1.94	1.75	1.69	1.59	1.59	1.53	1.83	2.22	2.33	2.48	2.79	2.91	3.01	3.26	3.72	3.70	4.57	5.60	5.31	5.56	4.46	3.64	3.11	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	40.75	37.44	34.26	34.01	33.42	34.83	38.53	40.50	38.15	36.07	37.39	38.11	39.85	40.91	44.05	58.32	61.73	63.40	67.80	74.21	68.27	58.79	49.62	41.72
24246	1.94	1.75	1.72	1.59	1.62	1.53	1.83	2.26	2.36	2.52	2.79	2.91	3.05	3.30	3.76	3.74	4.62	5.66	5.31	5.56	4.53	3.64	3.16	2.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	40.75	37.44	34.26	34.01	33.42	34.83	38.53	40.50	38.15	36.07	37.39	38.11	39.85	40.91	44.05	58.32	61.73	63.40	67.80	74.21	68.27	58.79	49.62	41.72
24247	1.94	1.75	1.72	1.59	1.62	1.53	1.83	2.26	2.36	2.52	2.79	2.91	3.05	3.30	3.76	3.74	4.62	5.66	5.31	5.56	4.53	3.64	3.16	2.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	40.75	37.44	34.22	34.01	33.39	34.83	38.53	40.46	38.11	36.04	37.39	38.11	39.82	40.91	44.01	58.28	61.69	63.34	67.80	74.21	68.21	58.79	49.58	41.68
24248	1.94	1.75	1.69	1.59	1.59	1.53	1.83	2.22	2.33	2.48	2.79	2.91	3.01	3.30	3.72	3.70	4.57	5.60	5.31	5.56	4.46	3.64	3.11	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	40.75	37.44	34.22	34.01	33.39	34.83	38.53	40.46	38.11	36.04	37.39	38.11	39.82	40.91	44.01	58.28	61.69	63.34	67.80	74.21	68.21	58.79	49.58	41.68
24249	1.94	1.75	1.69	1.59	1.59	1.53	1.83	2.22	2.33	2.48	2.79	2.91	3.01	3.30	3.72	3.70	4.57	5.60	5.31	5.56	4.46	3.64	3.11	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	40.79	37.48	34.29	34.04	33.42	34.86	38.56	40.53	38.18	36.11	37.46	38.18	39.89	40.95	44.09	58.36	61.78	63.46	67.92	74.35	68.34	58.85	49.67	41.76
24250	1.98	1.78	1.76	1.62	1.62	1.56	1.87	2.29	2.40	2.55	2.86	2.98	3.08	3.33	3.80	3.78	4.66	5.71	5.44	5.70	4.59	3.70	3.21	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	40.79	37.48	34.29	34.04	33.42	34.86	38.56	40.53	38.18	36.11	37.46	38.18	39.89	40.95	44.09	58.36	61.78	63.46	67.92	74.35	68.34	58.85	49.67	41.76
24251	1.98	1.78	1.76	1.62	1.62	1.56	1.87	2.29	2.40	2.55	2.86	2.98	3.08	3.33	3.80	3.78	4.66	5.71	5.44	5.70	4.59	3.70	3.21	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	40.79	37.44	34.29	34.04	33.45	34.83	38.49	40.46	38.15	36.11	37.50	38.18	39.89	40.99	44.09	58.36	61.69	63.34	67.67	74.00	68.08	58.68	49.58	41.76
23729	1.98	1.75	1.76	1.62	1.65	1.53	1.80	2.22	2.36	2.55	2.90	2.98	3.08	3.37	3.80	3.78	4.57	5.60	5.19	5.35	4.33	3.53	3.11	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_10	40.75	37.44	34.22	34.01	33.39	34.83	38.53	40.50	38.11	36.04	37.39	38.11	39.82	40.91	44.01	58.28	61.69	63.34	67.80	74.21	68.27	58.79	49.58	41.68
24258	1.94	1.75	1.69	1.59	1.59	1.53	1.83	2.26	2.33	2.48	2.79	2.91	3.01	3.30	3.72	3.70	4.57	5.60	5.31	5.56	4.53	3.64	3.11	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	40.75	37.44	34.22	34.01	33.39	34.83	38.53	40.50	38.11	36.04	37.39	38.11	39.82	40.91	44.01	58.28	61.69	63.34	67.80	74.21	68.27	58.79	49.58	41.68
24259	1.94	1.75	1.69	1.59	1.59	1.53	1.83	2.26	2.33	2.48	2.79	2.91	3.01	3.30	3.72	3.70	4.57	5.60	5.31	5.56	4.53	3.64	3.11	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_4	40.75	37.41	34.26	34.01	33.39	34.80	38.49	40.46	38.11	36.07	37.43	38.11	39.82	40.91	44.05	58.32	61.69	63.34	67.74	74.14	68.14	58.74	49.58	41.68
24252	1.94	1.71	1.72	1.59	1.59	1.50	1.80	2.22	2.33	2.52	2.83	2.91	3.01	3.30	3.76	3.74	4.57	5.60	5.25	5.49	4.40	3.58	3.11	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_5	40.75	37.41	34.26	34.01	33.39	34.80	38.49	40.46	38.11	36.07	37.43	38.11	39.82	40.91	44.05	58.32	61.69	63.34	67.74	74.14	68.14	58.74	49.58	41.68
24254	1.94	1.71	1.72	1.59	1.59	1.50	1.80	2.22	2.33	2.52	2.83	2.91	3.01	3.30	3.76	3.74	4.57	5.60	5.25	5.49	4.40	3.58	3.11	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_6	40.75	37.41	34.26	34.01	33.39	34.80	38.49	40.46	38.11	36.07	37.43	38.11	39.82	40.91	44.05	58.32	61.69	63.34	67.74	74.14	68.14	58.74	49.58	41.68
24253	1.94	1.71	1.72	1.59	1.59	1.50	1.80	2.22	2.33	2.52	2.83	2.91	3.01	3.30	3.76	3.74	4.57	5.60	5.25	5.49	4.40	3.58	3.11	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-0.10	-0.16	-0.66	-15.59	-10.94	-1.72	0.00	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_7 24255	40.75 1.94 0.00	37.41 1.71 0.00	34.26 1.72 0.00	34.01 1.59 0.00	33.39 1.59 0.00	34.80 1.50 0.00	38.49 1.80 0.00	40.46 2.22 0.00	38.11 2.33 0.00	36.07 2.52 0.00	37.43 2.83 -0.10	38.11 2.91 -0.08	39.82 3.01 -0.10	40.91 3.30 -0.16	44.05 3.76 -0.66	58.32 3.74 -15.59	61.69 4.57 -10.94	63.34 5.60 -1.72	67.74 5.25 0.00	74.14 5.49 0.00	68.14 4.40 0.00	58.74 3.58 0.00	49.58 3.11 0.00	41.68 2.65 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.75 1.94 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.01 1.59 0.00	33.39 1.59 0.00	34.83 1.53 0.00	38.53 1.83 0.00	40.50 2.26 0.00	38.11 2.33 0.00	36.04 2.48 0.00	37.39 2.79 -0.10	38.11 2.91 -0.08	39.82 3.01 -0.10	40.91 3.30 -0.16	44.01 3.72 -0.66	58.28 3.70 -15.59	61.69 4.57 -10.94	63.34 5.60 -1.72	67.80 5.31 0.00	74.21 5.56 0.00	68.27 4.53 0.00	58.79 3.64 0.00	49.58 3.11 0.00	41.68 2.65 0.00
RAVENSWOOD_GT_9 24257	40.75 1.94 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.01 1.59 0.00	33.39 1.59 0.00	34.83 1.53 0.00	38.53 1.83 0.00	40.50 2.26 0.00	38.11 2.33 0.00	36.04 2.48 0.00	37.39 2.79 -0.10	38.11 2.91 -0.08	39.82 3.01 -0.10	40.91 3.30 -0.16	44.01 3.72 -0.66	58.28 3.70 -15.59	61.69 4.57 -10.94	63.34 5.60 -1.72	67.80 5.31 0.00	74.21 5.56 0.00	68.27 4.53 0.00	58.79 3.64 0.00	49.58 3.11 0.00	41.68 2.65 0.00
RAVENSWOOD___1 23533	40.75 1.94 0.00	37.41 1.71 0.00	34.25 1.72 0.00	34.07 1.65 0.00	33.42 1.62 0.00	34.70 1.40 0.00	38.45 1.76 0.00	40.30 2.06 0.00	38.11 2.32 0.00	36.10 2.55 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.89 3.08 -0.10	40.95 3.33 -0.16	44.13 3.84 -0.66	58.36 3.78 -15.59	61.73 4.62 -10.94	63.34 5.60 -1.72	67.61 5.12 0.00	74.01 5.36 0.00	68.02 4.27 0.00	58.69 3.53 0.00	49.67 3.20 0.00	41.44 2.42 0.00
RAVENSWOOD___2 23534	40.75 1.94 0.00	37.41 1.71 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.70 1.40 0.00	38.42 1.72 0.00	40.27 2.03 0.00	38.11 2.32 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	63.34 5.60 -1.72	67.61 5.12 0.00	74.01 5.36 0.00	68.02 4.27 0.00	58.69 3.53 0.00	49.67 3.20 0.00	41.40 2.38 0.00
RAVENSWOOD___3 23535	40.75 1.94 0.00	37.44 1.75 0.00	34.19 1.66 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.73 1.43 0.00	38.49 1.80 0.00	40.34 2.10 0.00	38.11 2.32 0.00	36.04 2.48 0.00	37.39 2.79 -0.10	38.11 2.91 -0.08	39.82 3.01 -0.10	40.91 3.30 -0.16	44.05 3.77 -0.66	58.32 3.74 -15.59	61.69 4.57 -10.94	63.29 5.55 -1.72	67.74 5.25 0.00	74.21 5.56 0.00	68.21 4.46 0.00	58.79 3.64 0.00	49.67 3.20 0.00	41.40 2.38 0.00
RAVENSWOOD___4 23820	40.75 1.94 0.00	37.41 1.71 0.00	34.22 1.69 0.00	34.04 1.62 0.00	33.39 1.59 0.00	34.70 1.40 0.00	38.42 1.72 0.00	40.27 2.03 0.00	38.08 2.29 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.09 3.80 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	63.29 5.55 -1.72	67.61 5.12 0.00	74.01 5.36 0.00	68.02 4.27 0.00	58.69 3.53 0.00	49.62 3.16 0.00	41.40 2.38 0.00
RCPL_TRUST___DRP 24196	40.83 2.02 0.00	37.48 1.78 0.00	34.26 1.72 0.00	34.04 1.62 0.00	33.42 1.62 0.00	34.86 1.56 0.00	38.60 1.91 0.00	40.57 2.33 0.00	38.22 2.43 0.00	36.14 2.58 0.00	37.49 2.90 -0.10	38.21 3.02 -0.08	39.93 3.12 -0.09	41.02 3.41 -0.16	44.15 3.88 -0.64	58.04 3.86 -15.19	61.56 4.76 -10.63	63.46 5.77 -1.67	67.99 5.50 0.00	74.42 5.77 0.00	68.40 4.65 0.00	58.90 3.75 0.00	49.67 3.21 0.00	41.76 2.73 0.00
RED___ROCHESTER 323720	37.49 -1.32 0.00	34.48 -1.21 0.00	31.39 -1.14 0.00	31.32 -1.10 0.00	30.75 -1.05 0.00	32.40 -0.90 0.00	35.34 -1.36 0.00	36.79 -1.45 0.00	34.71 -1.07 0.00	32.45 -1.11 0.00	33.26 -1.24 0.00	33.67 -1.44 0.00	35.39 -1.32 0.00	36.14 -1.31 0.00	38.12 -1.51 0.00	37.66 -1.33 0.00	43.22 -1.71 1.25	51.82 -1.79 2.41	57.45 -1.75 3.28	63.90 -1.44 3.31	59.56 -0.95 3.24	52.61 -0.66 1.88	44.39 -1.63 0.45	37.74 -1.29 0.00
REGAN___SOLAR 323812	40.60 1.79 0.00	37.37 1.68 0.00	34.09 1.56 0.00	33.94 1.52 0.00	33.32 1.53 0.00	34.93 1.63 0.00	38.12 1.43 0.00	38.85 0.61 0.00	35.54 -0.25 0.00	32.92 -0.64 0.00	33.81 -0.69 0.00	34.62 -0.49 0.00	36.12 -0.59 0.00	36.78 -0.67 0.00	39.07 -0.55 0.00	38.64 -0.35 0.00	46.08 -0.09 0.00	56.58 0.56 0.00	64.55 2.06 0.00	72.15 3.50 0.00	67.44 3.70 0.00	58.18 3.03 0.00	48.88 2.41 0.00	40.86 1.83 0.00
RENSSELAER___COGEN 23796	39.16 0.35 0.00	36.26 0.57 0.00	33.12 0.59 0.00	32.97 0.55 0.00	32.34 0.54 0.00	33.83 0.53 0.00	37.24 0.55 0.00	38.78 0.54 0.00	35.96 0.18 0.00	33.72 0.17 0.00	34.74 0.24 0.00	35.46 0.35 0.00	37.04 0.33 0.00	37.79 0.34 0.00	40.14 0.51 0.00	39.49 0.51 0.00	46.77 0.60 0.00	56.58 0.56 0.00	62.98 0.50 0.00	68.93 0.28 0.00	64.13 0.38 0.00	55.49 0.33 0.00	46.88 0.42 0.00	39.33 0.31 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.84 3.03 0.00	38.62 2.93 0.00	35.30 2.77 0.00	35.11 2.69 0.00	34.47 2.67 0.00	36.16 2.86 0.00	39.66 2.97 0.00	40.65 2.41 0.00	37.32 1.54 0.00	34.73 1.17 0.00	35.43 0.93 0.00	36.55 1.44 0.00	37.81 1.10 0.00	38.20 0.75 0.00	40.53 0.91 0.00	40.24 1.25 0.00	48.16 1.99 0.00	58.82 2.80 0.00	67.24 4.75 0.00	74.90 6.25 0.00	70.38 6.63 0.00	60.50 5.35 0.00	50.50 4.04 0.00	42.26 3.24 0.00
REVERE_CPPR_DRP 24186	39.74 0.93 0.00	36.55 0.86 0.00	33.21 0.68 0.00	33.10 0.68 0.00	32.53 0.73 0.00	34.20 0.90 0.00	37.61 0.92 0.00	38.89 0.65 0.00	36.25 0.47 0.00	33.82 0.27 0.00	34.71 0.21 0.00	35.25 0.14 0.00	36.97 0.26 0.00	37.64 0.19 0.00	39.94 0.32 0.00	39.30 0.31 0.00	46.29 0.32 0.21	56.34 0.73 0.41	63.43 1.50 0.55	70.49 2.40 0.56	65.56 2.36 0.55	56.82 1.99 0.32	47.87 1.49 0.08	40.16 1.13 0.00
REYNLDPA_13_KV_LD 356490	38.77 -0.04 0.00	35.62 -0.07 0.00	32.40 -0.13 0.00	32.32 -0.10 0.00	31.74 -0.06 0.00	33.23 -0.07 0.00	36.62 -0.07 0.00	38.16 -0.08 0.00	35.71 -0.07 0.00	33.42 -0.13 0.00	34.26 -0.24 0.00	34.79 -0.32 0.00	36.38 -0.33 0.00	37.01 -0.45 0.00	39.15 -0.47 0.00	38.52 -0.47 0.00	45.76 -0.42 0.00	54.95 -1.07 0.00	61.48 -1.00 0.00	67.69 -0.96 0.00	62.85 -0.89 0.00	54.55 -0.61 0.00	46.37 -0.09 0.00	38.95 -0.08 0.00
REYNOLDS_115KV_TB3 80639	39.39 0.58 0.00	36.41 0.71 0.00	33.28 0.75 0.00	33.13 0.71 0.00	32.50 0.70 0.00	33.96 0.67 0.00	37.39 0.70 0.00	38.97 0.73 0.00	36.18 0.39 0.00	33.96 0.40 0.00	34.95 0.45 0.00	35.71 0.60 0.00	37.26 0.55 0.00	38.02 0.56 0.00	40.34 0.71 0.00	39.73 0.74 0.00	47.05 0.88 0.00	56.92 0.90 0.00	63.30 0.81 0.00	69.27 0.62 0.00	64.51 0.76 0.00	55.82 0.66 0.00	47.07 0.60 0.00	39.69 0.66 0.00

RIVERBAY____ 323610	41.45 2.64 0.00	38.01 2.32 0.00	34.97 2.44 0.00	34.66 2.24 0.00	34.06 2.26 0.00	35.40 2.10 0.00	38.89 2.20 0.00	40.84 2.60 0.00	38.54 2.76 0.00	36.47 2.92 0.00	37.88 3.28 -0.10	38.56 3.37 -0.08	40.26 3.45 -0.10	41.36 3.75 -0.16	44.48 4.20 -0.66	58.79 4.21 -15.59	62.24 5.13 -10.94	62.31 6.27 -0.01	68.42 5.94 0.00	74.90 6.25 0.00	68.85 5.10 0.00	59.34 4.19 0.00	50.27 3.81 0.00	42.46 3.43 0.00
RIVERSDE_115KV_TB3 55908	39.32 0.50 0.00	36.37 0.68 0.00	33.25 0.72 0.00	33.10 0.68 0.00	32.47 0.67 0.00	33.93 0.63 0.00	37.39 0.70 0.00	38.93 0.69 0.00	36.11 0.32 0.00	33.86 0.30 0.00	34.85 0.35 0.00	35.64 0.53 0.00	37.19 0.48 0.00	37.94 0.49 0.00	40.26 0.63 0.00	39.65 0.66 0.00	46.96 0.78 0.00	56.80 0.78 0.00	63.17 0.69 0.00	69.20 0.55 0.00	64.38 0.64 0.00	55.70 0.55 0.00	46.97 0.51 0.00	39.61 0.59 0.00
ROARING__BROOK_WT_PWR 323790	38.54 -0.27 0.00	35.41 -0.29 0.00	32.27 -0.26 0.00	32.16 -0.26 0.00	31.58 -0.22 0.00	33.10 -0.20 0.00	36.51 -0.18 0.00	38.09 -0.15 0.00	35.64 -0.14 0.00	33.39 -0.17 0.00	34.26 -0.24 0.00	34.79 -0.32 0.00	36.31 -0.40 0.00	36.97 -0.49 0.00	39.07 -0.55 0.00	38.44 -0.55 0.00	45.53 -0.65 0.00	55.29 -0.73 0.00	61.80 -0.69 0.00	67.90 -0.75 0.00	62.92 -0.83 0.00	54.38 -0.77 0.00	45.81 -0.65 0.00	38.44 -0.58 0.00
ROCHESRG_115KV_T4 355643	36.91 -1.90 0.00	33.98 -1.71 0.00	30.87 -1.66 0.00	30.70 -1.72 0.00	30.24 -1.56 0.00	31.73 -1.56 0.00	34.75 -1.94 0.00	35.95 -2.29 0.00	34.10 -1.68 0.00	31.94 -1.61 0.00	32.78 -1.73 0.00	33.18 -1.93 0.00	34.84 -1.87 0.00	35.62 -1.84 0.00	37.48 -2.14 0.00	37.16 -1.83 0.00	42.54 -2.35 1.28	50.81 -2.74 2.47	56.38 -2.75 3.36	62.65 -2.61 3.39	58.33 -2.10 3.31	51.68 -1.54 1.93	44.38 -1.63 0.46	37.11 -1.91 0.00
ROCHESTER_9_IC 23652	37.30 -1.51 0.00	34.30 -1.39 0.00	31.17 -1.37 0.00	30.99 -1.43 0.00	30.53 -1.27 0.00	32.03 -1.27 0.00	35.11 -1.58 0.00	36.29 -1.95 0.00	34.43 -1.36 0.00	32.28 -1.28 0.00	33.05 -1.45 0.00	33.50 -1.62 0.00	35.17 -1.54 0.00	35.96 -1.50 0.00	37.88 -1.74 0.00	37.43 -1.56 0.00	42.94 -1.99 1.25	51.37 -2.24 2.41	57.02 -2.19 3.28	63.42 -1.92 3.30	59.05 -1.47 3.23	52.28 -0.99 1.88	44.81 -1.21 0.45	37.42 -1.60 0.00
ROCKVIEW_13_KV_LD 356306	40.75 1.94 0.00	37.44 1.75 0.00	34.22 1.69 0.00	34.01 1.59 0.00	33.36 1.56 0.00	34.83 1.53 0.00	38.53 1.83 0.00	40.46 2.22 0.00	38.04 2.25 0.00	35.90 2.35 0.00	37.16 2.66 0.00	37.89 2.77 0.00	39.57 2.86 0.00	40.60 3.15 0.00	43.23 3.61 0.00	44.13 3.63 -1.51	50.70 4.53 0.00	61.51 5.49 0.00	67.74 5.25 0.00	74.14 5.49 0.00	68.21 4.46 0.00	58.74 3.58 0.00	49.53 3.07 0.00	41.60 2.58 0.00
ROME____115KV_TB2 80656	39.74 0.93 0.00	36.55 0.86 0.00	33.21 0.68 0.00	33.10 0.68 0.00	32.53 0.73 0.00	34.20 0.90 0.00	37.61 0.92 0.00	38.89 0.65 0.00	36.25 0.47 0.00	33.82 0.27 0.00	34.71 0.21 0.00	35.25 0.14 0.00	36.97 0.26 0.00	37.64 0.19 0.00	39.94 0.32 0.00	39.30 0.31 0.00	46.29 0.32 0.21	56.34 0.73 0.41	63.43 1.50 0.55	70.49 2.40 0.56	65.56 2.36 0.55	56.82 1.99 0.32	47.87 1.49 0.08	40.16 1.13 0.00
ROSETON__1 23587	40.29 1.47 0.00	37.01 1.32 0.00	33.80 1.27 0.00	33.65 1.23 0.00	33.01 1.21 0.00	34.39 1.10 0.00	38.05 1.36 0.00	39.85 1.61 0.00	37.47 1.68 0.00	35.33 1.78 0.00	36.54 2.04 0.00	37.25 2.14 0.00	38.91 2.20 0.00	39.89 2.43 0.00	42.48 2.85 0.00	41.80 2.81 0.00	49.64 3.46 0.00	60.22 4.20 0.00	66.49 4.00 0.00	72.77 4.12 0.00	67.12 3.38 0.00	57.86 2.70 0.00	48.88 2.41 0.00	40.78 1.76 0.00
ROSETON__2 23588	40.29 1.47 0.00	37.01 1.32 0.00	33.80 1.27 0.00	33.65 1.23 0.00	33.01 1.21 0.00	34.39 1.10 0.00	38.05 1.36 0.00	39.85 1.61 0.00	37.47 1.68 0.00	35.33 1.78 0.00	36.54 2.04 0.00	37.25 2.14 0.00	38.91 2.20 0.00	39.89 2.43 0.00	42.48 2.85 0.00	41.80 2.81 0.00	49.64 3.46 0.00	60.22 4.20 0.00	66.49 4.00 0.00	72.77 4.12 0.00	67.12 3.38 0.00	57.86 2.70 0.00	48.88 2.41 0.00	40.78 1.76 0.00
ROTTDRAM_115KV_TB3 80664	39.59 0.78 0.00	36.44 0.75 0.00	33.25 0.72 0.00	33.13 0.71 0.00	32.47 0.67 0.00	34.00 0.70 0.00	37.39 0.70 0.00	38.89 0.65 0.00	36.21 0.43 0.00	33.92 0.37 0.00	34.88 0.38 0.00	35.60 0.49 0.00	37.19 0.48 0.00	37.94 0.49 0.00	40.22 0.59 0.00	39.61 0.62 0.00	47.01 0.83 0.00	57.03 1.01 0.00	63.74 1.25 0.00	70.02 1.37 0.00	65.15 1.40 0.00	56.31 1.16 0.00	47.44 0.98 0.00	39.88 0.86 0.00
RUSSELL__1 23602	37.49 -1.32 0.00	34.48 -1.21 0.00	31.33 -1.20 0.00	31.16 -1.26 0.00	30.69 -1.11 0.00	32.20 -1.10 0.00	35.30 -1.39 0.00	36.52 -1.72 0.00	34.60 -1.18 0.00	32.45 -1.11 0.00	33.26 -1.24 0.00	33.67 -1.44 0.00	35.39 -1.32 0.00	36.14 -1.31 0.00	38.08 -1.55 0.00	37.66 -1.33 0.00	43.22 -1.71 1.25	51.71 -1.90 2.41	57.45 -1.75 3.28	63.90 -1.44 3.31	59.49 -1.02 3.24	52.61 -0.66 1.88	45.08 -0.93 0.45	37.62 -1.40 0.00
RUSSELL__2 23532	37.49 -1.32 0.00	34.48 -1.21 0.00	31.33 -1.20 0.00	31.16 -1.26 0.00	30.69 -1.11 0.00	32.20 -1.10 0.00	35.30 -1.39 0.00	36.52 -1.72 0.00	34.60 -1.18 0.00	32.45 -1.11 0.00	33.26 -1.24 0.00	33.67 -1.44 0.00	35.39 -1.32 0.00	36.14 -1.31 0.00	38.08 -1.55 0.00	37.66 -1.33 0.00	43.22 -1.71 1.25	51.71 -1.90 2.41	57.45 -1.75 3.28	63.90 -1.44 3.31	59.49 -1.02 3.24	52.61 -0.66 1.88	45.08 -0.93 0.45	37.62 -1.40 0.00
RUSSELL__3 23549	37.49 -1.32 0.00	34.48 -1.21 0.00	31.33 -1.20 0.00	31.16 -1.26 0.00	30.69 -1.11 0.00	32.20 -1.10 0.00	35.30 -1.39 0.00	36.52 -1.72 0.00	34.60 -1.18 0.00	32.45 -1.11 0.00	33.26 -1.24 0.00	33.67 -1.44 0.00	35.39 -1.32 0.00	36.14 -1.31 0.00	38.08 -1.55 0.00	37.66 -1.33 0.00	43.22 -1.71 1.25	51.71 -1.90 2.41	57.45 -1.75 3.28	63.90 -1.44 3.31	59.49 -1.02 3.24	52.61 -0.66 1.88	45.08 -0.93 0.45	37.62 -1.40 0.00
RUSSELL__4 23556	37.49 -1.32 0.00	34.48 -1.21 0.00	31.33 -1.20 0.00	31.16 -1.26 0.00	30.69 -1.11 0.00	32.20 -1.10 0.00	35.30 -1.39 0.00	36.52 -1.72 0.00	34.60 -1.18 0.00	32.45 -1.11 0.00	33.26 -1.24 0.00	33.67 -1.44 0.00	35.39 -1.32 0.00	36.14 -1.31 0.00	38.08 -1.55 0.00	37.66 -1.33 0.00	43.22 -1.71 1.25	51.71 -1.90 2.41	57.45 -1.75 3.28	63.90 -1.44 3.31	59.49 -1.02 3.24	52.61 -0.66 1.88	45.08 -0.93 0.45	37.62 -1.40 0.00
RUSSELL__STATION 23914	37.49 -1.32 0.00	34.48 -1.21 0.00	31.33 -1.20 0.00	31.16 -1.26 0.00	30.69 -1.11 0.00	32.20 -1.10 0.00	35.30 -1.39 0.00	36.52 -1.72 0.00	34.60 -1.18 0.00	32.45 -1.11 0.00	33.26 -1.24 0.00	33.67 -1.44 0.00	35.39 -1.32 0.00	36.14 -1.31 0.00	38.08 -1.55 0.00	37.66 -1.33 0.00	43.22 -1.71 1.25	51.71 -1.90 2.41	57.45 -1.75 3.28	63.90 -1.44 3.31	59.49 -1.02 3.24	52.61 -0.66 1.88	45.08 -0.93 0.45	37.62 -1.40 0.00

S SALMON___HYD 24043	38.54 -0.27 0.00	35.48 -0.21 0.00	32.24 -0.29 0.00	32.16 -0.26 0.00	31.58 -0.22 0.00	33.20 -0.10 0.00	36.47 -0.22 0.00	37.82 -0.42 0.00	35.32 -0.47 0.00	32.98 -0.57 0.00	33.84 -0.66 0.00	34.37 -0.74 0.00	36.01 -0.70 0.00	36.67 -0.79 0.00	38.71 -0.91 0.00	38.13 -0.86 0.00	45.37 -1.11 -0.30	55.37 -1.23 -0.58	62.41 -0.87 -0.80	69.04 -0.41 -0.80	64.34 -0.19 -0.78	55.39 -0.22 -0.46	46.29 -0.28 -0.11	38.91 -0.12 0.00
S.PERRY___115KV_TB1 80734	38.23 -0.58 0.00	35.19 -0.50 0.00	31.98 -0.55 0.00	31.84 -0.58 0.00	31.42 -0.38 0.00	33.06 -0.23 0.00	36.14 -0.55 0.00	36.94 -1.30 0.00	34.68 -1.11 0.00	32.31 -1.24 0.00	33.05 -1.45 0.00	33.50 -1.62 0.00	35.28 -1.43 0.00	36.14 -1.31 0.00	38.04 -1.58 0.00	37.82 -1.17 0.00	43.55 -1.66 0.96	52.59 -1.57 1.86	59.14 -0.81 2.53	66.38 0.27 2.55	62.15 0.89 2.49	54.81 1.10 1.45	46.58 0.46 0.35	38.87 -0.16 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.44 -3.38 0.00	32.73 -2.96 0.00	29.70 -2.83 0.00	29.47 -2.95 0.00	29.13 -2.67 0.00	30.50 -2.80 0.00	33.10 -3.60 0.00	34.15 -4.09 0.00	32.67 -3.11 0.00	30.64 -2.92 0.00	31.43 -3.07 0.00	31.74 -3.37 0.00	33.37 -3.34 0.00	34.20 -3.26 0.00	35.98 -3.65 0.00	35.75 -3.24 0.00	40.37 -4.66 1.14	48.17 -5.66 2.20	53.43 -6.06 2.99	59.46 -6.18 3.01	55.57 -5.23 2.95	49.52 -3.92 1.71	42.38 -3.67 0.41	35.55 -3.47 0.00
SAWYER___23_KV_LOAD 55526	35.44 -3.38 0.00	32.73 -2.96 0.00	29.70 -2.83 0.00	29.47 -2.95 0.00	29.13 -2.67 0.00	30.50 -2.80 0.00	33.10 -3.60 0.00	34.15 -4.09 0.00	32.67 -3.11 0.00	30.64 -2.92 0.00	31.43 -3.07 0.00	31.74 -3.37 0.00	33.37 -3.34 0.00	34.20 -3.26 0.00	35.98 -3.65 0.00	35.75 -3.24 0.00	40.37 -4.66 1.14	48.17 -5.66 2.20	53.43 -6.06 2.99	59.46 -6.18 3.01	55.57 -5.23 2.95	49.52 -3.92 1.71	42.38 -3.67 0.41	35.55 -3.47 0.00
SELKIRK___I 23801	39.55 0.74 0.00	36.51 0.82 0.00	33.35 0.81 0.00	33.20 0.78 0.00	32.56 0.76 0.00	34.03 0.73 0.00	37.43 0.73 0.00	38.85 0.61 0.00	36.07 0.28 0.00	33.79 0.24 0.00	34.78 0.27 0.00	35.50 0.39 0.00	37.08 0.37 0.00	37.83 0.37 0.00	40.14 0.51 0.00	39.53 0.55 0.00	46.87 0.69 0.00	56.80 0.78 0.00	63.43 0.94 0.00	69.68 1.03 0.00	64.76 1.02 0.00	56.09 0.94 0.00	47.30 0.84 0.00	39.69 0.66 0.00
SELKIRK___II 23799	39.24 0.43 0.00	36.26 0.57 0.00	33.12 0.59 0.00	32.97 0.55 0.00	32.34 0.54 0.00	33.80 0.50 0.00	37.24 0.55 0.00	38.78 0.54 0.00	36.07 0.28 0.00	33.86 0.30 0.00	34.85 0.34 0.00	35.57 0.46 0.00	37.15 0.44 0.00	37.94 0.49 0.00	40.26 0.63 0.00	39.61 0.62 0.00	46.91 0.74 0.00	56.75 0.73 0.00	63.18 0.69 0.00	69.20 0.55 0.00	64.32 0.57 0.00	55.65 0.50 0.00	46.97 0.51 0.00	39.41 0.39 0.00
SENECA OSWGO___HYD 24041	38.07 -0.74 0.00	35.05 -0.64 0.00	31.91 -0.62 0.00	31.84 -0.58 0.00	31.23 -0.57 0.00	32.76 -0.53 0.00	36.03 -0.66 0.00	37.48 -0.76 0.00	35.10 -0.68 0.00	32.85 -0.71 0.00	33.77 -0.73 0.00	34.34 -0.77 0.00	35.94 -0.77 0.00	36.67 -0.79 0.00	38.63 -0.99 0.00	38.05 -0.94 0.00	45.84 -1.20 -0.87	56.34 -1.35 -1.67	63.39 -1.38 -2.28	69.64 -1.31 -2.29	64.84 -1.15 -2.24	55.47 -0.99 -1.30	45.80 -0.98 -0.31	38.36 -0.66 0.00
SENECA___115KV_TB3 355854	35.74 -3.07 0.00	32.98 -2.71 0.00	30.06 -2.47 0.00	29.99 -2.43 0.00	29.51 -2.29 0.00	31.07 -2.23 0.00	33.39 -3.30 0.00	34.84 -3.40 0.00	32.99 -2.79 0.00	30.84 -2.72 0.00	31.64 -2.86 0.00	31.95 -3.16 0.00	33.63 -3.08 0.00	34.50 -2.96 0.00	36.37 -3.25 0.00	36.14 -2.84 0.00	40.64 -4.43 1.10	48.63 -5.27 2.12	53.91 -5.69 2.89	60.11 -5.63 2.91	56.18 -4.72 2.85	49.86 -3.64 1.65	42.44 -3.62 0.39	36.02 -3.00 0.00
SENECA___ENERGY 23797	38.27 -0.54 0.00	35.23 -0.46 0.00	32.01 -0.52 0.00	31.97 -0.45 0.00	31.35 -0.45 0.00	33.00 -0.30 0.00	36.18 -0.51 0.00	37.36 -0.88 0.00	35.03 -0.75 0.00	32.75 -0.81 0.00	33.60 -0.90 0.00	34.13 -0.98 0.00	35.79 -0.92 0.00	36.60 -0.86 0.00	38.59 -1.03 0.00	38.13 -0.86 0.00	44.66 -1.20 0.31	54.24 -1.18 0.60	60.80 -0.87 0.81	67.14 -0.69 0.82	62.43 -0.51 0.80	54.41 -0.27 0.47	45.89 -0.46 0.11	38.67 -0.35 0.00
SHOEMAKER___GT 23640	40.09 1.28 0.00	36.83 1.14 0.00	33.64 1.11 0.00	33.49 1.07 0.00	32.82 1.02 0.00	34.26 0.97 0.00	37.87 1.17 0.00	39.58 1.34 0.00	37.14 1.36 0.00	35.00 1.44 0.00	36.12 1.62 0.00	36.80 1.69 0.00	38.47 1.76 0.00	39.44 1.98 0.00	41.96 2.34 0.00	35.62 2.34 5.71	49.13 2.96 0.00	59.72 3.70 0.00	66.05 3.56 0.00	72.42 3.77 0.00	66.81 3.06 0.00	57.64 2.48 0.00	48.60 2.14 0.00	40.59 1.56 0.00
SHOEMAKR_138KV_BK 111 55601	40.09 1.28 0.00	36.83 1.14 0.00	33.64 1.11 0.00	33.46 1.04 0.00	32.82 1.02 0.00	34.30 1.00 0.00	37.87 1.17 0.00	39.65 1.41 0.00	37.18 1.40 0.00	35.03 1.48 0.00	36.16 1.66 0.00	36.83 1.72 0.00	38.51 1.80 0.00	39.48 2.02 0.00	41.96 2.34 0.00	31.72 2.34 9.60	49.18 3.00 0.00	59.72 3.70 0.00	66.05 3.56 0.00	72.43 3.78 0.00	66.81 3.06 0.00	57.58 2.43 0.00	48.51 2.04 0.00	40.78 1.76 0.00
SHOREHAM_IC_1 23715	41.84 3.03 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.38 3.14 -0.01	39.37 3.58 -0.01	37.45 3.89 -0.01	41.80 3.93 -3.36	41.15 3.83 -2.21	43.76 3.78 -3.27	46.89 3.90 -5.54	51.05 4.36 -7.07	53.12 4.21 -9.92	54.58 5.26 -3.15	64.07 6.61 -1.45	70.79 6.44 -1.87	76.10 6.73 -0.71	70.25 5.29 -1.21	60.21 4.41 -0.64	50.74 4.27 -0.01	42.50 3.47 -0.01
SHOREHAM_IC_2 23716	41.84 3.03 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.38 3.14 -0.01	39.37 3.58 -0.01	37.45 3.89 -0.01	41.80 3.93 -3.36	41.15 3.83 -2.21	43.76 3.78 -3.27	46.89 3.90 -5.54	51.05 4.36 -7.07	53.12 4.21 -9.92	54.58 5.26 -3.15	64.07 6.61 -1.45	70.79 6.44 -1.87	76.10 6.73 -0.71	70.25 5.29 -1.21	60.21 4.41 -0.64	50.74 4.27 -0.01	42.50 3.47 -0.01
SISSONVILLE____ 23735	37.88 -0.93 0.00	34.80 -0.89 0.00	31.62 -0.91 0.00	31.54 -0.88 0.00	31.00 -0.79 0.00	32.50 -0.80 0.00	35.67 -1.03 0.00	37.05 -1.19 0.00	34.60 -1.18 0.00	32.28 -1.28 0.00	33.05 -1.45 0.00	33.57 -1.54 0.00	35.10 -1.62 0.00	35.66 -1.80 0.00	37.72 -1.90 0.00	37.12 -1.87 0.00	44.14 -2.03 0.00	53.50 -2.52 0.00	60.17 -2.31 0.00	66.66 -1.99 0.00	61.90 -1.85 0.00	53.55 -1.60 0.00	45.16 -1.30 0.00	38.17 -0.86 0.00
SITHE_IND_GS1 24169	37.73 -1.09 0.00	34.69 -1.00 0.00	31.62 -0.91 0.00	31.51 -0.91 0.00	30.91 -0.89 0.00	32.43 -0.87 0.00	35.67 -1.03 0.00	37.13 -1.11 0.00	34.78 -1.00 0.00	32.58 -0.97 0.00	33.50 -1.00 0.00	34.06 -1.05 0.00	35.65 -1.07 0.00	36.33 -1.12 0.00	38.24 -1.39 0.00	37.59 -1.40 0.00	36.10 -1.71 8.37	37.88 -2.01 16.13	38.39 -2.12 21.97	44.25 -2.26 22.14	40.05 -2.04 21.65	40.80 -1.77 12.59	41.88 -1.58 3.00	37.93 -1.09 0.00

SITHE_IND_GS2 24170	37.73 -1.09 0.00	34.69 -1.00 0.00	31.62 -0.91 0.00	31.51 -0.91 0.00	30.91 -0.89 0.00	32.43 -0.87 0.00	35.67 -1.03 0.00	37.13 -1.11 0.00	34.78 -1.00 0.00	32.58 -0.97 0.00	33.50 -1.00 0.00	34.06 -1.05 0.00	35.65 -1.07 0.00	36.33 -1.12 0.00	38.24 -1.39 0.00	37.59 -1.40 0.00	36.10 -1.71 8.37	37.88 -2.01 16.13	38.39 -2.12 21.97	44.25 -2.26 22.14	40.05 -2.04 21.65	40.80 -1.77 12.59	41.88 -1.58 3.00	37.93 -1.09 0.00
SITHE_IND_GS3 24171	37.73 -1.09 0.00	34.69 -1.00 0.00	31.62 -0.91 0.00	31.51 -0.91 0.00	30.91 -0.89 0.00	32.43 -0.87 0.00	35.67 -1.03 0.00	37.13 -1.11 0.00	34.78 -1.00 0.00	32.58 -0.97 0.00	33.50 -1.00 0.00	34.06 -1.05 0.00	35.65 -1.07 0.00	36.33 -1.12 0.00	38.24 -1.39 0.00	37.59 -1.40 0.00	36.10 -1.71 8.37	37.88 -2.01 16.13	38.39 -2.12 21.97	44.25 -2.26 22.14	40.05 -2.04 21.65	40.80 -1.77 12.59	41.88 -1.58 3.00	37.93 -1.09 0.00
SITHE_IND_GS4 24172	37.73 -1.09 0.00	34.69 -1.00 0.00	31.62 -0.91 0.00	31.51 -0.91 0.00	30.91 -0.89 0.00	32.43 -0.87 0.00	35.67 -1.03 0.00	37.13 -1.11 0.00	34.78 -1.00 0.00	32.58 -0.97 0.00	33.50 -1.00 0.00	34.06 -1.05 0.00	35.65 -1.07 0.00	36.33 -1.12 0.00	38.24 -1.39 0.00	37.59 -1.40 0.00	36.10 -1.71 8.37	37.88 -2.01 16.13	38.39 -2.12 21.97	44.25 -2.26 22.14	40.05 -2.04 21.65	40.80 -1.77 12.59	41.88 -1.58 3.00	37.93 -1.09 0.00
SITHE___BATAVIA 24024	36.75 -2.06 0.00	33.87 -1.82 0.00	30.84 -1.69 0.00	30.80 -1.62 0.00	30.27 -1.53 0.00	31.90 -1.40 0.00	34.38 -2.31 0.00	35.83 -2.41 0.00	33.78 -2.00 0.00	31.51 -2.05 0.00	32.22 -2.28 0.00	32.58 -2.53 0.00	34.25 -2.46 0.00	35.10 -2.36 0.00	36.97 -2.65 0.00	36.73 -2.26 0.00	41.80 -3.19 1.19	50.25 -3.47 2.29	55.86 -3.50 3.12	62.55 -2.95 3.15	58.43 -2.23 3.08	51.76 -1.60 1.79	43.53 -2.51 0.43	36.99 -2.03 0.00
SITHE___INDEPEND 23800	37.72 -1.09 0.00	34.69 -1.00 0.00	31.59 -0.94 0.00	31.48 -0.94 0.00	30.91 -0.89 0.00	32.40 -0.90 0.00	35.67 -1.03 0.00	37.05 -1.19 0.00	34.78 -1.00 0.00	32.58 -0.97 0.00	33.50 -1.00 0.00	34.06 -1.05 0.00	35.65 -1.06 0.00	36.33 -1.12 0.00	38.28 -1.35 0.00	37.59 -1.40 0.00	36.10 -1.71 8.37	37.88 -2.02 16.13	38.39 -2.12 21.97	44.25 -2.27 22.14	40.05 -2.04 21.65	40.80 -1.76 12.59	41.93 -1.53 3.00	37.74 -1.29 0.00
SITHE___MASSENA 23902	38.66 -0.15 0.00	35.51 -0.18 0.00	32.31 -0.23 0.00	32.19 -0.23 0.00	31.61 -0.19 0.00	33.10 -0.20 0.00	36.47 -0.22 0.00	37.97 -0.27 0.00	35.50 -0.29 0.00	33.22 -0.34 0.00	34.09 -0.41 0.00	34.59 -0.53 0.00	36.20 -0.51 0.00	36.82 -0.64 0.00	38.91 -0.71 0.00	38.29 -0.70 0.00	45.48 -0.69 0.00	55.12 -0.90 0.00	61.74 -0.75 0.00	68.10 -0.55 0.00	63.23 -0.51 0.00	54.71 -0.44 0.00	46.23 -0.23 0.00	38.83 -0.19 0.00
SITHE___OGDNSBRG 24021	38.77 -0.04 0.00	35.62 -0.07 0.00	32.37 -0.16 0.00	32.29 -0.13 0.00	31.70 -0.10 0.00	33.26 -0.03 0.00	36.55 -0.15 0.00	37.90 -0.34 0.00	35.32 -0.47 0.00	32.95 -0.60 0.00	33.74 -0.76 0.00	34.23 -0.88 0.00	35.79 -0.92 0.00	36.41 -1.05 0.00	38.51 -1.11 0.00	37.86 -1.13 0.00	45.07 -1.11 0.00	54.68 -1.34 0.00	61.55 -0.94 0.00	68.38 -0.27 0.00	63.62 -0.13 0.00	55.04 -0.11 0.00	46.42 -0.05 0.00	39.06 0.04 0.00
SITHE___STERLING 23777	39.47 0.66 0.00	36.34 0.64 0.00	33.02 0.49 0.00	32.94 0.52 0.00	32.31 0.51 0.00	33.96 0.67 0.00	37.35 0.66 0.00	38.70 0.46 0.00	36.11 0.32 0.00	33.76 0.20 0.00	34.64 0.14 0.00	35.25 0.14 0.00	36.90 0.18 0.00	37.64 0.19 0.00	39.86 0.24 0.00	39.26 0.27 0.00	46.19 0.28 0.26	56.13 0.62 0.50	62.93 1.13 0.69	69.68 1.72 0.69	64.79 1.72 0.68	56.19 1.43 0.39	47.39 1.02 0.09	39.88 0.86 0.00
SLEIGHT__34_KV_TB1 80719	37.49 -1.32 0.00	34.48 -1.21 0.00	31.33 -1.20 0.00	31.22 -1.20 0.00	30.72 -1.08 0.00	32.23 -1.07 0.00	35.41 -1.28 0.00	36.86 -1.38 0.00	34.78 -1.00 0.00	32.52 -1.04 0.00	33.36 -1.14 0.00	33.81 -1.30 0.00	35.50 -1.21 0.00	36.29 -1.16 0.00	38.24 -1.39 0.00	37.59 -1.40 0.00	43.45 -1.75 0.97	52.19 -1.96 1.87	58.13 -1.81 2.54	64.51 -1.58 2.56	59.97 -1.27 2.50	52.82 -0.88 1.46	45.09 -1.02 0.35	37.74 -1.29 0.00
SOUTH CAIRO___GT 23612	40.36 1.55 0.00	37.33 1.64 0.00	34.09 1.56 0.00	33.91 1.49 0.00	33.29 1.49 0.00	34.83 1.53 0.00	38.38 1.69 0.00	39.77 1.53 0.00	36.64 0.86 0.00	34.13 0.57 0.00	35.02 0.52 0.00	35.78 0.67 0.00	37.45 0.73 0.00	38.24 0.79 0.00	40.65 1.03 0.00	40.12 1.13 0.00	47.88 1.71 0.00	58.43 2.41 0.00	65.55 3.06 0.00	72.22 3.57 0.00	67.19 3.44 0.00	57.86 2.70 0.00	48.60 2.14 0.00	40.82 1.80 0.00
SOUTH HAMPTN___IC 23720	42.46 3.65 0.00	39.12 3.43 0.00	35.43 2.89 0.00	35.21 2.79 0.00	34.44 2.64 0.00	35.99 2.70 0.00	40.00 3.30 0.00	42.00 3.75 -0.01	39.98 4.18 -0.01	37.99 4.43 -0.01	42.42 4.55 -3.36	41.78 4.46 -2.21	44.50 4.51 -3.27	47.68 4.68 -5.54	51.92 5.23 -7.07	54.02 5.15 -9.88	55.72 6.42 -3.12	65.52 8.07 -1.43	72.39 8.06 -1.84	77.80 8.44 -0.71	71.70 6.75 -1.20	61.47 5.68 -0.64	51.63 5.16 -0.01	43.17 4.13 -0.01
SOUTHDOW__115KV_TB1 355954	36.21 -2.60 0.00	33.37 -2.32 0.00	30.35 -2.18 0.00	30.12 -2.30 0.00	29.86 -1.94 0.00	31.40 -1.90 0.00	34.09 -2.61 0.00	35.18 -3.06 0.00	33.46 -2.33 0.00	31.41 -2.15 0.00	32.29 -2.21 0.00	32.51 -2.60 0.00	34.25 -2.46 0.00	35.13 -2.32 0.00	36.97 -2.65 0.00	36.92 -2.07 0.00	41.31 -3.83 1.04	49.43 -4.59 2.00	55.02 -4.75 2.72	61.24 -4.67 2.74	57.18 -3.89 2.68	50.78 -2.81 1.56	43.21 -2.88 0.37	36.88 -2.15 0.00
SOUTHOLD_69_KV_BK 2 55809	43.08 4.27 0.00	39.65 3.96 0.00	35.92 3.38 0.00	35.66 3.24 0.00	34.91 3.12 0.00	36.56 3.26 0.00	40.66 3.96 0.00	43.10 4.86 0.00	40.58 4.80 0.00	38.56 5.00 0.00	43.07 5.21 -3.36	42.45 5.13 -2.21	45.23 5.25 -3.27	48.46 5.47 -5.54	52.75 6.06 -7.07	54.92 6.04 -9.88	56.83 7.53 -3.13	66.97 9.52 -1.43	74.01 9.69 -1.84	79.52 10.16 -0.71	73.17 8.22 -1.20	62.68 6.89 -0.64	52.27 5.81 0.00	44.37 5.35 0.00
SOUTHOLD___IC 23719	43.08 4.27 0.00	39.65 3.96 0.00	35.91 3.38 0.00	35.69 3.27 0.00	34.88 3.08 0.00	36.49 3.20 0.00	40.58 3.89 0.00	42.64 4.40 -0.01	40.59 4.80 -0.01	38.56 5.00 -0.01	43.07 5.21 -3.36	42.45 5.13 -2.21	45.19 5.21 -3.27	48.46 5.47 -5.54	52.79 6.10 -7.07	54.92 6.04 -9.88	56.83 7.53 -3.13	66.97 9.52 -1.43	73.95 9.62 -1.84	79.45 10.10 -0.71	73.17 8.23 -1.20	62.68 6.89 -0.64	52.51 6.04 -0.01	43.83 4.80 -0.01
SOUTH_FORK_WT_PWR 323839	43.20 4.38 0.00	39.76 4.07 0.00	35.98 3.45 0.00	35.79 3.37 0.00	34.98 3.18 0.00	36.59 3.30 0.00	40.66 3.96 0.00	42.76 4.51 -0.01	40.70 4.90 -0.01	38.66 5.10 -0.01	43.18 5.31 -3.36	42.55 5.23 -2.21	45.30 5.32 -3.27	48.54 5.54 -5.54	52.91 6.22 -7.07	54.99 6.12 -9.88	56.97 7.67 -3.12	67.14 9.69 -1.43	74.20 9.87 -1.84	79.72 10.37 -0.71	73.29 8.35 -1.20	62.85 7.06 -0.64	52.65 6.18 -0.01	43.91 4.88 -0.01

SPIERFLS_115KV_TB 1 80737	39.82 1.01 0.00	36.73 1.04 0.00	33.54 1.01 0.00	33.39 0.97 0.00	32.75 0.95 0.00	34.33 1.03 0.00	37.76 1.06 0.00	39.00 0.76 0.00	36.07 0.29 0.00	33.69 0.13 0.00	34.29 -0.21 0.00	35.25 0.14 0.00	36.53 -0.18 0.00	37.01 -0.45 0.00	39.27 -0.36 0.00	38.83 -0.16 0.00	46.27 0.09 0.00	56.30 0.28 0.00	63.92 1.44 0.00	70.57 1.92 0.00	66.23 2.49 0.00	57.14 1.99 0.00	47.90 1.44 0.00	40.23 1.21 0.00
ST LAWRENCE____ 23600	38.54 -0.27 0.00	35.41 -0.29 0.00	32.24 -0.29 0.00	32.16 -0.26 0.00	31.54 -0.26 0.00	33.03 -0.27 0.00	36.40 -0.29 0.00	37.97 -0.27 0.00	35.50 -0.29 0.00	33.25 -0.30 0.00	34.12 -0.38 0.00	34.65 -0.46 0.00	36.23 -0.48 0.00	36.89 -0.56 0.00	39.03 -0.59 0.00	38.40 -0.58 0.00	45.53 -0.65 0.00	55.18 -0.84 0.00	61.74 -0.75 0.00	67.96 -0.69 0.00	63.05 -0.70 0.00	54.55 -0.61 0.00	46.09 -0.37 0.00	38.71 -0.31 0.00
STATE_CA_115KV_115_LB 55624	39.36 0.54 0.00	36.44 0.75 0.00	33.31 0.78 0.00	33.17 0.75 0.00	32.50 0.70 0.00	34.00 0.70 0.00	37.43 0.73 0.00	39.00 0.76 0.00	36.11 0.32 0.00	33.86 0.30 0.00	34.88 0.38 0.00	35.64 0.53 0.00	37.19 0.48 0.00	37.94 0.49 0.00	40.26 0.63 0.00	39.65 0.66 0.00	47.01 0.83 0.00	56.86 0.84 0.00	63.30 0.81 0.00	69.41 0.76 0.00	64.51 0.76 0.00	55.82 0.66 0.00	47.02 0.56 0.00	39.65 0.62 0.00
STATE_ST_34_KV_LOAD 55959	38.66 -0.16 0.00	35.58 -0.11 0.00	32.34 -0.20 0.00	32.23 -0.19 0.00	31.64 -0.16 0.00	33.23 -0.07 0.00	36.51 -0.18 0.00	37.78 -0.46 0.00	35.46 -0.32 0.00	33.15 -0.40 0.00	34.05 -0.45 0.00	34.62 -0.49 0.00	36.27 -0.44 0.00	37.04 -0.41 0.00	39.07 -0.55 0.00	38.56 -0.43 0.00	45.53 -0.65 0.00	55.46 -0.56 0.00	62.24 -0.25 0.00	68.65 0.00 0.00	63.87 0.13 0.00	55.37 0.22 0.00	46.51 0.05 0.00	38.91 -0.12 0.00
STATION 5_MISC_HYD 23604	37.30 -1.51 0.00	34.26 -1.43 0.00	31.23 -1.30 0.00	31.15 -1.26 0.00	30.59 -1.21 0.00	32.20 -1.10 0.00	35.12 -1.58 0.00	36.60 -1.64 0.00	34.50 -1.29 0.00	32.28 -1.28 0.00	33.05 -1.45 0.00	33.50 -1.61 0.00	35.17 -1.54 0.00	35.96 -1.50 0.00	37.88 -1.74 0.00	37.43 -1.56 0.00	42.94 -1.98 1.25	51.48 -2.13 2.41	57.02 -2.19 3.28	63.50 -1.85 3.30	59.11 -1.40 3.23	52.28 -0.99 1.88	44.15 -1.86 0.45	37.54 -1.48 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.65 -1.16 0.00	34.62 -1.07 0.00	31.49 -1.04 0.00	31.35 -1.07 0.00	30.84 -0.95 0.00	32.37 -0.93 0.00	35.56 -1.14 0.00	36.71 -1.53 0.00	34.64 -1.15 0.00	32.45 -1.11 0.00	33.26 -1.24 0.00	33.74 -1.37 0.00	35.39 -1.32 0.00	36.18 -1.27 0.00	38.12 -1.51 0.00	37.74 -1.25 0.00	43.62 -1.62 0.94	52.47 -1.74 1.81	58.45 -1.56 2.47	64.79 -1.37 2.49	60.29 -1.02 2.44	53.08 -0.66 1.42	45.33 -0.79 0.34	37.93 -1.09 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.07 -1.75 0.00	34.09 -1.61 0.00	30.97 -1.56 0.00	30.80 -1.62 0.00	30.34 -1.46 0.00	31.83 -1.47 0.00	34.89 -1.80 0.00	36.10 -2.14 0.00	34.21 -1.57 0.00	32.08 -1.48 0.00	32.88 -1.62 0.00	33.32 -1.79 0.00	34.99 -1.73 0.00	35.73 -1.72 0.00	37.64 -1.98 0.00	37.31 -1.68 0.00	42.81 -2.12 1.24	51.17 -2.46 2.39	56.86 -2.37 3.25	63.18 -2.20 3.28	58.76 -1.78 3.21	52.02 -1.27 1.86	44.62 -1.39 0.44	37.27 -1.76 0.00
STA_56____34_KV_BUS2 355983	37.07 -1.75 0.00	34.09 -1.61 0.00	30.97 -1.56 0.00	30.80 -1.62 0.00	30.34 -1.46 0.00	31.83 -1.47 0.00	34.89 -1.80 0.00	36.10 -2.14 0.00	34.21 -1.57 0.00	32.08 -1.48 0.00	32.88 -1.62 0.00	33.32 -1.79 0.00	34.99 -1.73 0.00	35.73 -1.72 0.00	37.64 -1.98 0.00	37.31 -1.68 0.00	42.81 -2.12 1.24	51.17 -2.46 2.39	56.86 -2.37 3.25	63.18 -2.20 3.28	58.76 -1.78 3.21	52.02 -1.27 1.86	44.62 -1.39 0.44	37.27 -1.76 0.00
STA_67____115KV_BK2 355882	37.14 -1.67 0.00	34.16 -1.53 0.00	31.07 -1.46 0.00	30.90 -1.52 0.00	30.43 -1.37 0.00	31.90 -1.40 0.00	34.97 -1.72 0.00	36.18 -2.06 0.00	34.28 -1.50 0.00	32.15 -1.41 0.00	32.95 -1.55 0.00	33.39 -1.72 0.00	35.06 -1.65 0.00	35.81 -1.65 0.00	37.72 -1.90 0.00	37.35 -1.64 0.00	42.85 -2.08 1.25	51.20 -2.41 2.41	56.89 -2.31 3.28	63.22 -2.13 3.31	58.85 -1.66 3.23	52.12 -1.16 1.88	44.71 -1.30 0.45	37.35 -1.68 0.00
STA_7____115KV_9TRANS 80674	37.49 -1.32 0.00	34.48 -1.21 0.00	31.33 -1.20 0.00	31.16 -1.26 0.00	30.69 -1.11 0.00	32.20 -1.10 0.00	35.30 -1.39 0.00	36.52 -1.72 0.00	34.60 -1.18 0.00	32.45 -1.11 0.00	33.26 -1.24 0.00	33.67 -1.44 0.00	35.39 -1.32 0.00	36.14 -1.31 0.00	38.08 -1.55 0.00	37.66 -1.33 0.00	43.22 -1.71 1.25	51.71 -1.90 2.41	57.45 -1.75 3.28	63.90 -1.44 3.31	59.49 -1.02 3.24	52.61 -0.66 1.88	45.08 -0.93 0.45	37.62 -1.40 0.00
STA_82____115KV_TB1 80780	37.10 -1.71 0.00	34.12 -1.57 0.00	31.00 -1.53 0.00	30.83 -1.59 0.00	30.37 -1.43 0.00	31.87 -1.43 0.00	34.93 -1.76 0.00	36.10 -2.14 0.00	34.25 -1.54 0.00	32.08 -1.48 0.00	32.88 -1.62 0.00	33.32 -1.79 0.00	34.99 -1.73 0.00	35.77 -1.69 0.00	37.64 -1.98 0.00	37.31 -1.68 0.00	42.81 -2.12 1.24	51.16 -2.46 2.39	56.85 -2.37 3.26	63.17 -2.20 3.28	58.81 -1.72 3.21	52.07 -1.21 1.87	44.67 -1.35 0.45	37.31 -1.72 0.00
STEEL____WIND 323596	35.71 -3.11 0.00	32.94 -2.75 0.00	30.03 -2.50 0.00	29.95 -2.47 0.00	29.48 -2.32 0.00	31.07 -2.23 0.00	33.39 -3.30 0.00	34.84 -3.40 0.00	32.96 -2.83 0.00	30.80 -2.75 0.00	31.64 -2.86 0.00	31.92 -3.19 0.00	33.59 -3.12 0.00	34.46 -3.00 0.00	36.33 -3.29 0.00	36.10 -2.88 0.00	40.60 -4.48 1.10	48.63 -5.27 2.12	53.85 -5.75 2.89	60.04 -5.70 2.91	56.12 -4.78 2.85	49.80 -3.69 1.65	42.40 -3.67 0.39	35.98 -3.04 0.00
STEPHTWN_115KV_BK_2 55603	39.47 0.66 0.00	36.55 0.86 0.00	33.38 0.85 0.00	33.26 0.84 0.00	32.59 0.79 0.00	34.13 0.83 0.00	37.57 0.88 0.00	39.12 0.88 0.00	36.21 0.43 0.00	33.92 0.37 0.00	34.95 0.45 0.00	35.71 0.60 0.00	37.26 0.55 0.00	38.02 0.56 0.00	40.34 0.71 0.00	39.77 0.78 0.00	47.15 0.97 0.00	57.08 1.06 0.00	63.61 1.12 0.00	69.75 1.10 0.00	64.83 1.08 0.00	56.04 0.88 0.00	47.21 0.74 0.00	39.80 0.78 0.00
STEBEN_REC_LFGE 323667	37.22 -1.59 0.00	34.44 -1.25 0.00	31.33 -1.20 0.00	31.22 -1.20 0.00	30.84 -0.95 0.00	32.50 -0.80 0.00	35.48 -1.21 0.00	36.25 -1.99 0.00	34.14 -1.65 0.00	31.88 -1.68 0.00	32.67 -1.83 0.00	33.08 -2.04 0.00	34.80 -1.91 0.00	35.73 -1.72 0.00	37.64 -1.98 0.00	37.43 -1.56 0.00	43.02 -2.49 0.66	52.00 -2.74 1.27	58.50 -2.25 1.74	65.12 -1.78 1.75	61.02 -1.02 1.71	53.72 -0.44 0.99	45.57 -0.65 0.24	38.36 -0.66 0.00
STILLWATER____SOLAR 323814	40.05 1.24 0.00	36.94 1.25 0.00	33.70 1.17 0.00	33.59 1.17 0.00	32.91 1.11 0.00	34.46 1.16 0.00	37.94 1.25 0.00	39.27 1.03 0.00	36.43 0.64 0.00	34.06 0.50 0.00	34.95 0.45 0.00	35.78 0.67 0.00	37.26 0.55 0.00	37.91 0.45 0.00	40.26 0.63 0.00	39.73 0.74 0.00	47.24 1.06 0.00	57.31 1.29 0.00	64.43 1.94 0.00	70.78 2.13 0.00	66.11 2.36 0.00	57.14 1.98 0.00	48.09 1.63 0.00	40.27 1.25 0.00

STONY___BROOK 24151	41.99 3.18 0.00	38.55 2.86 0.00	34.94 2.41 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.50 3.25 -0.01	39.37 3.58 -0.01	37.29 3.72 -0.01	41.76 3.90 -3.36	41.29 3.97 -2.21	43.98 4.00 -3.27	47.23 4.23 -5.54	51.40 4.71 -7.07	53.65 4.68 -9.98	55.14 5.77 -3.19	64.56 7.06 -1.48	71.27 6.87 -1.91	76.52 7.14 -0.73	70.73 5.74 -1.24	60.78 4.97 -0.66	51.12 4.65 -0.01	42.62 3.59 -0.01
STURGEON_POOL_HYD 23609	40.71 1.90 0.00	37.37 1.68 0.00	34.16 1.63 0.00	33.94 1.52 0.00	33.32 1.53 0.00	34.76 1.47 0.00	38.45 1.76 0.00	40.34 2.10 0.00	37.90 2.11 0.00	35.70 2.15 0.00	36.88 2.38 0.00	37.57 2.46 0.00	39.32 2.61 0.00	40.38 2.92 0.00	42.99 3.37 0.00	42.38 3.39 0.00	50.47 4.29 0.00	61.45 5.43 0.00	67.74 5.25 0.00	74.14 5.49 0.00	68.27 4.53 0.00	58.74 3.58 0.00	49.48 3.02 0.00	41.52 2.50 0.00
ST_LAW_115_BK7_LBMP 345037	38.50 -0.31 0.00	35.37 -0.32 0.00	32.21 -0.33 0.00	32.10 -0.32 0.00	31.51 -0.29 0.00	32.96 -0.33 0.00	36.36 -0.33 0.00	37.90 -0.34 0.00	35.46 -0.32 0.00	33.19 -0.37 0.00	34.09 -0.41 0.00	34.62 -0.49 0.00	36.16 -0.55 0.00	36.82 -0.64 0.00	38.95 -0.67 0.00	38.33 -0.66 0.00	45.48 -0.69 0.00	55.07 -0.95 0.00	61.61 -0.87 0.00	67.83 -0.82 0.00	62.92 -0.83 0.00	54.49 -0.66 0.00	46.04 -0.42 0.00	38.67 -0.35 0.00
ST_LAW_115_BK8_LBMP 345038	38.50 -0.31 0.00	35.37 -0.32 0.00	32.21 -0.33 0.00	32.10 -0.32 0.00	31.51 -0.29 0.00	32.96 -0.33 0.00	36.36 -0.33 0.00	37.90 -0.34 0.00	35.46 -0.32 0.00	33.19 -0.37 0.00	34.09 -0.41 0.00	34.62 -0.49 0.00	36.16 -0.55 0.00	36.82 -0.64 0.00	38.95 -0.67 0.00	38.33 -0.66 0.00	45.48 -0.69 0.00	55.07 -0.95 0.00	61.61 -0.87 0.00	67.83 -0.82 0.00	62.92 -0.83 0.00	54.49 -0.66 0.00	46.04 -0.42 0.00	38.67 -0.35 0.00
ST_LAW_230_BK5_LBMP 345035	38.54 -0.27 0.00	35.41 -0.29 0.00	32.24 -0.29 0.00	32.16 -0.26 0.00	31.54 -0.26 0.00	33.03 -0.27 0.00	36.40 -0.29 0.00	37.97 -0.27 0.00	35.50 -0.29 0.00	33.25 -0.30 0.00	34.12 -0.38 0.00	34.65 -0.46 0.00	36.23 -0.48 0.00	36.89 -0.56 0.00	39.03 -0.59 0.00	38.40 -0.58 0.00	45.53 -0.65 0.00	55.18 -0.84 0.00	61.74 -0.75 0.00	67.96 -0.69 0.00	63.05 -0.70 0.00	54.55 -0.61 0.00	46.09 -0.37 0.00	38.71 -0.31 0.00
ST_LAW_230_BK6_LBMP 345036	38.54 -0.27 0.00	35.41 -0.29 0.00	32.24 -0.29 0.00	32.16 -0.26 0.00	31.54 -0.26 0.00	33.03 -0.27 0.00	36.40 -0.29 0.00	37.97 -0.27 0.00	35.50 -0.29 0.00	33.25 -0.30 0.00	34.12 -0.38 0.00	34.65 -0.46 0.00	36.23 -0.48 0.00	36.89 -0.56 0.00	39.03 -0.59 0.00	38.40 -0.58 0.00	45.53 -0.65 0.00	55.18 -0.84 0.00	61.74 -0.75 0.00	67.96 -0.69 0.00	63.05 -0.70 0.00	54.55 -0.61 0.00	46.09 -0.37 0.00	38.71 -0.31 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.25 1.44 0.00	36.98 1.28 0.00	33.80 1.27 0.00	33.59 1.17 0.00	32.94 1.14 0.00	34.43 1.13 0.00	38.05 1.36 0.00	39.88 1.64 0.00	37.40 1.61 0.00	35.27 1.71 0.00	36.43 1.93 0.00	37.15 2.04 0.00	38.84 2.13 0.00	39.81 2.36 0.00	42.36 2.73 0.00	49.02 2.73 -7.30	49.59 3.42 0.00	60.28 4.26 0.00	66.49 4.00 0.00	72.91 4.26 0.00	67.19 3.44 0.00	57.86 2.70 0.00	48.79 2.32 0.00	40.98 1.95 0.00
SWANROAD_115KV_TB1 355699	35.05 -3.76 0.00	32.48 -3.21 0.00	29.51 -3.03 0.00	28.89 -3.53 0.00	28.94 -2.86 0.00	30.20 -3.10 0.00	32.44 -4.26 0.00	33.46 -4.78 0.00	32.03 -3.76 0.00	30.03 -3.52 0.00	30.81 -3.69 0.00	31.07 -4.04 0.00	32.67 -4.04 0.00	33.48 -3.97 0.00	35.22 -4.40 0.00	34.97 -4.02 0.00	39.47 -5.54 1.16	47.00 -6.78 2.24	52.19 -7.25 3.05	58.09 -7.48 3.08	54.30 -6.44 3.01	48.50 -4.91 1.75	41.63 -4.41 0.42	34.81 -4.21 0.00
SYNERGY___BIOGAS 323694	36.75 -2.06 0.00	33.87 -1.82 0.00	30.78 -1.76 0.00	30.41 -2.01 0.00	30.18 -1.62 0.00	31.63 -1.66 0.00	34.38 -2.31 0.00	35.41 -2.83 0.00	33.67 -2.11 0.00	31.51 -2.05 0.00	32.22 -2.28 0.00	32.58 -2.53 0.00	34.25 -2.46 0.00	35.10 -2.36 0.00	36.93 -2.69 0.00	36.73 -2.26 0.00	41.80 -3.19 1.19	50.08 -3.64 2.29	55.86 -3.50 3.12	62.41 -3.09 3.15	58.31 -2.36 3.08	51.76 -1.60 1.79	44.22 -1.81 0.43	36.92 -2.11 0.00
SYRACUSE___ENERGY_ST1 323597	38.58 -0.23 0.00	35.51 -0.18 0.00	32.30 -0.23 0.00	32.19 -0.23 0.00	31.61 -0.19 0.00	33.13 -0.17 0.00	36.47 -0.22 0.00	37.82 -0.42 0.00	35.46 -0.32 0.00	33.22 -0.34 0.00	34.12 -0.38 0.00	34.69 -0.42 0.00	36.34 -0.37 0.00	37.12 -0.34 0.00	39.11 -0.52 0.00	38.52 -0.47 0.00	45.53 -0.65 0.00	55.35 -0.67 0.00	61.92 -0.56 0.00	68.24 -0.41 0.00	63.43 -0.32 0.00	54.93 -0.22 0.00	46.18 -0.28 0.00	38.71 -0.31 0.00
SYRACUSE___ENERGY_ST2 323598	38.58 -0.23 0.00	35.51 -0.18 0.00	32.30 -0.23 0.00	32.19 -0.23 0.00	31.61 -0.19 0.00	33.13 -0.17 0.00	36.47 -0.22 0.00	37.82 -0.42 0.00	35.46 -0.32 0.00	33.22 -0.34 0.00	34.12 -0.38 0.00	34.69 -0.42 0.00	36.34 -0.37 0.00	37.12 -0.34 0.00	39.11 -0.52 0.00	38.52 -0.47 0.00	45.53 -0.65 0.00	55.35 -0.67 0.00	61.92 -0.56 0.00	68.24 -0.41 0.00	63.43 -0.32 0.00	54.93 -0.22 0.00	46.18 -0.28 0.00	38.71 -0.31 0.00
SYRACUSE___POWER 24017	38.50 -0.31 0.00	35.44 -0.25 0.00	32.24 -0.29 0.00	32.13 -0.29 0.00	31.54 -0.25 0.00	33.06 -0.23 0.00	36.40 -0.29 0.00	37.78 -0.46 0.00	35.46 -0.32 0.00	33.19 -0.37 0.00	34.12 -0.38 0.00	34.69 -0.42 0.00	36.34 -0.37 0.00	37.12 -0.34 0.00	39.15 -0.48 0.00	38.56 -0.43 0.00	45.16 -0.65 0.37	54.69 -0.62 0.71	60.96 -0.56 0.97	67.26 -0.41 0.98	62.47 -0.32 0.95	54.32 -0.28 0.55	46.00 -0.33 0.13	38.67 -0.35 0.00
TALLMAN__138KV_BK151 55660	40.44 1.63 0.00	37.16 1.46 0.00	33.93 1.40 0.00	33.75 1.33 0.00	33.10 1.30 0.00	34.56 1.27 0.00	38.20 1.50 0.00	40.11 1.87 0.00	37.65 2.01 0.00	35.57 2.28 0.00	36.78 2.35 0.00	37.46 2.35 0.00	39.17 2.46 0.00	40.15 2.70 0.00	42.75 3.13 0.00	46.09 3.12 -3.98	50.10 3.92 0.00	60.84 4.82 0.00	66.99 4.50 0.00	73.39 4.74 0.00	67.57 3.82 0.00	58.24 3.09 0.00	49.06 2.60 0.00	41.25 2.22 0.00
TEALLAVE_115KV_TB7 355573	38.35 -0.47 0.00	35.30 -0.39 0.00	32.11 -0.42 0.00	32.00 -0.42 0.00	31.42 -0.38 0.00	32.96 -0.33 0.00	36.29 -0.40 0.00	37.67 -0.57 0.00	35.36 -0.43 0.00	33.12 -0.44 0.00	34.05 -0.45 0.00	34.62 -0.49 0.00	36.23 -0.48 0.00	37.01 -0.45 0.00	38.99 -0.63 0.00	38.40 -0.58 0.00	44.89 -0.78 0.50	54.17 -0.90 0.96	60.37 -0.81 1.30	66.58 -0.76 1.31	61.82 -0.64 1.28	53.91 -0.50 0.75	45.77 -0.51 0.18	38.52 -0.51 0.00
TELGRAPH_34_KV_EAST 80808	36.06 -2.76 0.00	33.26 -2.43 0.00	30.22 -2.31 0.00	29.83 -2.59 0.00	29.64 -2.16 0.00	31.03 -2.26 0.00	33.61 -3.08 0.00	34.65 -3.59 0.00	33.07 -2.72 0.00	30.97 -2.58 0.00	31.71 -2.79 0.00	32.02 -3.09 0.00	33.66 -3.05 0.00	34.50 -2.96 0.00	36.29 -3.33 0.00	36.10 -2.89 0.00	40.93 -4.06 1.18	48.93 -4.82 2.27	54.45 -4.94 3.10	60.73 -4.81 3.12	56.68 -4.02 3.05	50.46 -2.92 1.77	43.16 -2.88 0.42	36.06 -2.97 0.00

TEMPLE___115KV_TB 2 55572	38.38 -0.43 0.00	35.34 -0.36 0.00	32.14 -0.39 0.00	32.03 -0.39 0.00	31.45 -0.35 0.00	32.96 -0.33 0.00	36.29 -0.40 0.00	37.67 -0.57 0.00	35.36 -0.43 0.00	33.12 -0.44 0.00	34.05 -0.45 0.00	34.62 -0.49 0.00	36.27 -0.44 0.00	37.04 -0.41 0.00	39.03 -0.59 0.00	38.44 -0.55 0.00	44.89 -0.78 0.50	54.21 -0.84 0.97	60.35 -0.81 1.33	66.63 -0.69 1.34	61.87 -0.57 1.31	53.90 -0.50 0.76	45.77 -0.51 0.18	38.52 -0.51 0.00
TIANA___69_KV_BK 1 55817	42.30 3.49 0.00	38.94 3.25 0.00	35.30 2.77 0.00	35.05 2.63 0.00	34.31 2.51 0.00	35.93 2.63 0.00	39.92 3.23 0.00	42.29 4.05 0.00	39.79 4.01 0.00	37.82 4.26 0.00	42.25 4.38 -3.36	41.60 4.28 -2.21	44.31 4.33 -3.27	47.49 4.49 -5.54	51.68 4.99 -7.07	53.78 4.91 -9.88	55.44 6.14 -3.12	65.12 7.67 -1.43	72.01 7.69 -1.84	77.32 7.96 -0.71	71.38 6.44 -1.20	61.14 5.35 -0.64	51.20 4.74 0.00	43.55 4.53 0.00
TILDEN___115KV_TB1 80814	38.50 -0.31 0.00	35.44 -0.25 0.00	32.24 -0.29 0.00	32.13 -0.29 0.00	31.54 -0.25 0.00	33.06 -0.23 0.00	36.40 -0.29 0.00	37.78 -0.46 0.00	35.46 -0.32 0.00	33.19 -0.37 0.00	34.12 -0.38 0.00	34.69 -0.42 0.00	36.34 -0.37 0.00	37.12 -0.34 0.00	39.15 -0.48 0.00	38.56 -0.43 0.00	45.16 -0.65 0.37	54.69 -0.62 0.71	60.96 -0.56 0.97	67.26 -0.41 0.98	62.47 -0.32 0.95	54.32 -0.28 0.55	46.00 -0.33 0.13	38.67 -0.35 0.00
TRIGEN___CC 323695	41.30 2.48 0.00	37.87 2.18 0.00	34.45 1.92 0.00	34.20 1.78 0.00	33.52 1.72 0.00	35.06 1.76 0.00	38.89 2.20 0.00	41.03 2.79 0.00	38.54 2.76 0.00	36.41 2.85 0.00	40.94 3.07 -3.36	40.52 3.20 -2.21	43.29 3.30 -3.27	46.55 3.56 -5.54	50.69 4.00 -7.07	69.35 4.02 -26.35	65.43 4.94 -14.31	72.69 5.99 -10.68	82.22 5.94 -13.79	80.32 6.32 -5.35	78.09 5.29 -9.05	64.29 4.30 -4.83	50.13 3.67 0.00	42.18 3.16 0.00
TRINITY___115KV___ 4 BK 55933	39.24 0.43 0.00	36.33 0.64 0.00	33.18 0.65 0.00	33.07 0.65 0.00	32.40 0.60 0.00	33.90 0.60 0.00	37.32 0.62 0.00	38.89 0.65 0.00	36.04 0.25 0.00	33.79 0.23 0.00	34.78 0.28 0.00	35.53 0.42 0.00	37.08 0.37 0.00	37.83 0.37 0.00	40.14 0.52 0.00	39.53 0.55 0.00	46.82 0.65 0.00	56.64 0.62 0.00	63.05 0.56 0.00	69.06 0.41 0.00	64.26 0.51 0.00	55.54 0.39 0.00	46.83 0.37 0.00	39.53 0.51 0.00
UNION___PROCESSING_DRP 323587	37.10 -1.71 0.00	34.12 -1.57 0.00	31.00 -1.53 0.00	30.83 -1.59 0.00	30.37 -1.43 0.00	31.87 -1.43 0.00	34.93 -1.76 0.00	36.14 -2.10 0.00	34.25 -1.54 0.00	32.11 -1.44 0.00	32.91 -1.59 0.00	33.32 -1.79 0.00	34.99 -1.73 0.00	35.77 -1.69 0.00	37.68 -1.94 0.00	37.31 -1.68 0.00	42.82 -2.12 1.24	51.17 -2.46 2.38	56.87 -2.37 3.24	63.25 -2.13 3.27	58.83 -1.72 3.20	52.14 -1.16 1.86	44.67 -1.35 0.44	37.31 -1.72 0.00
UPPER HUDSON___HYD 24058	39.82 1.01 0.00	36.73 1.04 0.00	33.54 1.01 0.00	33.39 0.97 0.00	32.72 0.92 0.00	34.30 1.00 0.00	37.76 1.06 0.00	39.00 0.76 0.00	36.07 0.28 0.00	33.69 0.13 0.00	34.29 -0.21 0.00	35.25 0.14 0.00	36.53 -0.18 0.00	37.01 -0.45 0.00	39.27 -0.36 0.00	38.87 -0.12 0.00	46.27 0.09 0.00	56.30 0.28 0.00	63.98 1.50 0.00	70.57 1.92 0.00	66.23 2.48 0.00	57.14 1.98 0.00	47.90 1.44 0.00	40.12 1.09 0.00
UPPER RAQUET___HYD 24056	37.88 -0.93 0.00	34.80 -0.89 0.00	31.62 -0.91 0.00	31.55 -0.87 0.00	30.97 -0.83 0.00	32.50 -0.80 0.00	35.67 -1.03 0.00	37.01 -1.23 0.00	34.57 -1.22 0.00	32.28 -1.28 0.00	33.05 -1.45 0.00	33.57 -1.54 0.00	35.10 -1.61 0.00	35.66 -1.80 0.00	37.72 -1.90 0.00	37.12 -1.87 0.00	44.10 -2.08 0.00	53.50 -2.52 0.00	60.18 -2.31 0.00	66.66 -1.99 0.00	61.90 -1.85 0.00	53.55 -1.60 0.00	45.25 -1.21 0.00	38.17 -0.86 0.00
VALLEY44___115KV_TB2 355964	35.44 -3.38 0.00	32.69 -3.00 0.00	29.73 -2.80 0.00	29.47 -2.95 0.00	29.16 -2.64 0.00	30.60 -2.70 0.00	33.24 -3.45 0.00	34.30 -3.94 0.00	32.49 -3.29 0.00	30.60 -2.95 0.00	31.46 -3.04 0.00	31.71 -3.41 0.00	33.37 -3.34 0.00	34.20 -3.26 0.00	36.10 -3.53 0.00	35.91 -3.08 0.00	39.76 -5.40 1.01	47.51 -6.55 1.95	52.64 -7.19 2.66	58.63 -7.35 2.68	54.75 -6.37 2.62	48.56 -5.07 1.52	41.36 -4.74 0.36	35.90 -3.12 0.00
VALLEY___115KV_TB 1-4 80826	39.16 0.35 0.00	36.05 0.36 0.00	32.82 0.29 0.00	32.71 0.29 0.00	32.05 0.25 0.00	33.63 0.33 0.00	37.06 0.37 0.00	38.62 0.38 0.00	36.11 0.32 0.00	33.82 0.27 0.00	34.74 0.24 0.00	35.29 0.18 0.00	36.89 0.18 0.00	37.60 0.15 0.00	39.82 0.20 0.00	39.18 0.19 0.00	46.41 0.23 0.00	56.30 0.28 0.00	62.86 0.37 0.00	69.20 0.55 0.00	64.32 0.57 0.00	55.65 0.50 0.00	47.02 0.56 0.00	39.53 0.51 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.90 1.09 0.00	36.73 1.04 0.00	33.44 0.91 0.00	33.36 0.94 0.00	32.66 0.86 0.00	34.26 0.97 0.00	37.79 1.10 0.00	39.27 1.03 0.00	36.68 0.89 0.00	34.39 0.84 0.00	35.40 0.90 0.00	36.02 0.91 0.00	37.70 0.99 0.00	38.54 1.09 0.00	40.93 1.31 0.00	40.28 1.29 0.00	47.70 1.52 0.00	58.09 2.07 0.00	64.92 2.44 0.00	71.53 2.88 0.00	66.36 2.61 0.00	57.36 2.21 0.00	48.18 1.72 0.00	40.47 1.44 0.00
VISCHER___FERRY HYD 24020	39.74 0.93 0.00	36.66 0.96 0.00	33.48 0.94 0.00	33.33 0.91 0.00	32.66 0.86 0.00	34.20 0.90 0.00	37.64 0.95 0.00	39.16 0.92 0.00	36.39 0.61 0.00	34.09 0.54 0.00	35.05 0.55 0.00	35.81 0.70 0.00	37.37 0.66 0.00	38.09 0.64 0.00	40.46 0.83 0.00	39.89 0.90 0.00	47.28 1.11 0.00	57.25 1.23 0.00	63.86 1.37 0.00	69.89 1.24 0.00	65.21 1.47 0.00	56.47 1.32 0.00	47.62 1.16 0.00	39.88 0.86 0.00
V_A_10_SYNC_DSASP 323832	35.82 -2.99 0.00	33.05 -2.64 0.00	29.99 -2.54 0.00	29.79 -2.63 0.00	29.38 -2.42 0.00	30.80 -2.50 0.00	33.54 -3.16 0.00	34.68 -3.56 0.00	33.10 -2.68 0.00	31.04 -2.52 0.00	31.81 -2.69 0.00	32.16 -2.95 0.00	33.77 -2.94 0.00	34.57 -2.88 0.00	36.37 -3.25 0.00	36.06 -2.92 0.00	41.12 -3.79 1.26	48.93 -4.65 2.44	54.17 -5.00 3.32	60.29 -5.01 3.35	56.27 -4.21 3.27	50.11 -3.14 1.90	43.03 -2.97 0.45	35.86 -3.16 0.00
V_CMM_10_SYNC_DSASP 323787	38.66 -0.16 0.00	35.48 -0.21 0.00	32.30 -0.23 0.00	32.23 -0.19 0.00	31.61 -0.19 0.00	33.10 -0.20 0.00	36.51 -0.18 0.00	38.05 -0.19 0.00	35.61 -0.18 0.00	33.32 -0.23 0.00	34.16 -0.35 0.00	34.73 -0.39 0.00	36.27 -0.44 0.00	36.93 -0.52 0.00	39.07 -0.55 0.00	38.40 -0.58 0.00	45.62 -0.55 0.00	55.01 -1.01 0.00	61.55 -0.94 0.00	67.83 -0.82 0.00	62.92 -0.83 0.00	54.55 -0.61 0.00	46.14 -0.33 0.00	38.79 -0.23 0.00
V_CMP_10_SYNC_DSASP 323788	38.70 -0.12 0.00	35.55 -0.14 0.00	32.34 -0.20 0.00	32.26 -0.16 0.00	31.64 -0.16 0.00	33.13 -0.17 0.00	36.51 -0.18 0.00	38.09 -0.15 0.00	35.64 -0.14 0.00	33.29 -0.27 0.00	34.09 -0.41 0.00	34.55 -0.56 0.00	36.09 -0.62 0.00	36.67 -0.79 0.00	38.79 -0.83 0.00	38.21 -0.78 0.00	45.39 -0.78 0.00	55.12 -0.90 0.00	61.86 -0.62 0.00	68.31 -0.34 0.00	63.24 -0.51 0.00	54.71 -0.44 0.00	46.09 -0.37 0.00	38.79 -0.23 0.00

V_D_10_SYNC_DSASP 323841	38.66 -0.16 0.00	35.51 -0.18 0.00	32.30 -0.23 0.00	32.23 -0.19 0.00	31.61 -0.19 0.00	33.10 -0.20 0.00	36.47 -0.22 0.00	37.97 -0.27 0.00	35.53 -0.25 0.00	33.22 -0.34 0.00	34.09 -0.41 0.00	34.62 -0.49 0.00	36.20 -0.51 0.00	36.82 -0.64 0.00	38.95 -0.67 0.00	38.33 -0.66 0.00	45.53 -0.65 0.00	55.12 -0.90 0.00	61.74 -0.75 0.00	68.10 -0.55 0.00	63.24 -0.51 0.00	54.71 -0.44 0.00	46.18 -0.28 0.00	38.87 -0.16 0.00
V_E_10_SYNC_DSASP 323830	40.60 1.79 0.00	37.37 1.68 0.00	33.90 1.37 0.00	33.81 1.39 0.00	33.20 1.40 0.00	35.03 1.73 0.00	38.31 1.61 0.00	39.35 1.11 0.00	36.54 0.75 0.00	33.92 0.37 0.00	34.64 0.14 0.00	35.11 0.00 0.00	36.78 0.07 0.00	37.60 0.15 0.00	39.94 0.32 0.00	39.42 0.43 0.00	46.52 0.60 0.25	57.10 1.57 0.49	64.75 2.94 0.67	72.30 4.32 0.67	67.49 4.40 0.66	58.58 3.81 0.38	49.21 2.83 0.09	41.29 2.26 0.00
V_F_30_NSYNC___DSASP 323816	40.13 1.32 0.00	36.98 1.28 0.00	33.77 1.24 0.00	33.62 1.20 0.00	32.98 1.18 0.00	34.53 1.23 0.00	37.94 1.25 0.00	39.35 1.11 0.00	36.50 0.72 0.00	34.16 0.60 0.00	35.05 0.55 0.00	35.85 0.74 0.00	37.37 0.66 0.00	38.02 0.56 0.00	40.34 0.71 0.00	39.81 0.82 0.00	47.33 1.15 0.00	57.48 1.46 0.00	64.49 2.00 0.00	70.92 2.27 0.00	66.23 2.49 0.00	57.25 2.10 0.00	48.13 1.67 0.00	40.43 1.40 0.00
V_F_30_SYNC_DSASP 323786	39.36 0.54 0.00	36.44 0.75 0.00	33.28 0.75 0.00	33.17 0.75 0.00	32.50 0.70 0.00	34.00 0.70 0.00	37.43 0.73 0.00	39.00 0.76 0.00	36.11 0.32 0.00	33.86 0.30 0.00	34.88 0.38 0.00	35.64 0.53 0.00	37.19 0.48 0.00	37.94 0.49 0.00	40.26 0.63 0.00	39.65 0.66 0.00	47.01 0.83 0.00	56.86 0.84 0.00	63.30 0.81 0.00	69.41 0.76 0.00	64.51 0.76 0.00	55.82 0.66 0.00	47.02 0.56 0.00	39.65 0.62 0.00
V_XM_10_SYNC_DSASP 323789	38.70 -0.12 0.00	35.55 -0.14 0.00	32.34 -0.20 0.00	32.26 -0.16 0.00	31.64 -0.16 0.00	33.13 -0.17 0.00	36.51 -0.18 0.00	38.09 -0.15 0.00	35.64 -0.14 0.00	33.29 -0.27 0.00	34.09 -0.41 0.00	34.55 -0.56 0.00	36.09 -0.62 0.00	36.67 -0.79 0.00	38.79 -0.83 0.00	38.21 -0.78 0.00	45.39 -0.78 0.00	55.12 -0.90 0.00	61.86 -0.62 0.00	68.31 -0.34 0.00	63.24 -0.51 0.00	54.71 -0.44 0.00	46.09 -0.37 0.00	38.79 -0.23 0.00
W.BABYLN_69_KV_BK1 56697	42.15 3.34 0.00	38.62 2.93 0.00	35.07 2.54 0.00	34.79 2.37 0.00	34.09 2.29 0.00	35.66 2.36 0.00	39.63 2.94 0.00	41.91 3.67 0.00	39.40 3.61 0.00	37.25 3.69 0.00	41.80 3.93 -3.36	41.36 4.04 -2.21	44.13 4.15 -3.27	47.41 4.42 -5.54	51.60 4.91 -7.07	57.94 4.91 -14.04	58.17 6.05 -5.95	67.23 7.45 -3.76	74.85 7.50 -4.86	78.42 7.89 -1.88	73.49 6.57 -3.18	62.31 5.46 -1.70	51.25 4.79 0.00	43.16 4.14 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.56 1.75 0.00	37.26 1.57 0.00	34.06 1.53 0.00	33.85 1.43 0.00	33.20 1.40 0.00	34.66 1.37 0.00	38.34 1.65 0.00	40.23 1.99 0.00	37.75 1.97 0.00	35.67 2.11 0.00	36.85 2.35 0.00	37.57 2.46 0.00	39.28 2.57 0.00	40.26 2.81 0.00	42.87 3.25 0.00	45.24 3.24 -3.02	50.24 4.06 0.00	61.06 5.04 0.00	67.24 4.75 0.00	73.66 5.01 0.00	67.83 4.08 0.00	58.41 3.25 0.00	49.25 2.79 0.00	41.37 2.34 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.83 2.02 0.00	37.48 1.78 0.00	34.26 1.72 0.00	34.04 1.62 0.00	33.42 1.62 0.00	34.86 1.56 0.00	38.60 1.91 0.00	40.57 2.33 0.00	38.22 2.43 0.00	36.14 2.58 0.00	37.49 2.90 -0.10	38.21 3.02 -0.08	39.93 3.12 -0.09	41.02 3.41 -0.16	44.15 3.88 -0.64	58.04 3.86 -15.19	61.56 4.76 -10.63	63.46 5.77 -1.67	67.99 5.50 0.00	74.42 5.77 0.00	68.40 4.65 0.00	58.90 3.75 0.00	49.67 3.21 0.00	41.76 2.73 0.00
W50THST__13_KV_LOAD 356117	40.99 2.17 0.00	37.66 1.96 0.00	34.42 1.89 0.00	34.20 1.78 0.00	33.58 1.78 0.00	35.03 1.73 0.00	38.82 2.13 0.00	40.80 2.56 0.00	38.43 2.65 0.00	36.37 2.82 0.00	37.74 3.14 -0.10	38.46 3.27 -0.08	40.18 3.38 -0.09	41.28 3.67 -0.16	44.43 4.16 -0.64	58.31 4.13 -15.19	61.88 5.08 -10.63	63.91 6.22 -1.67	68.36 5.87 0.00	74.90 6.25 0.00	68.78 5.04 0.00	59.23 4.08 0.00	49.90 3.44 0.00	41.99 2.97 0.00
WADING RIVER_IC_1 23522	41.84 3.03 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.38 3.14 -0.01	39.37 3.58 -0.01	37.45 3.89 -0.01	41.80 3.93 -3.36	41.11 3.79 -2.21	43.76 3.78 -3.27	46.89 3.90 -5.54	51.01 4.32 -7.07	53.04 4.17 -9.87	54.56 5.26 -3.12	63.99 6.55 -1.42	70.70 6.38 -1.83	76.01 6.66 -0.70	70.17 5.23 -1.19	60.20 4.41 -0.63	50.74 4.27 -0.01	42.50 3.47 -0.01
WADING RIVER_IC_2 23547	41.84 3.03 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.38 3.14 -0.01	39.37 3.58 -0.01	37.45 3.89 -0.01	41.80 3.93 -3.36	41.11 3.79 -2.21	43.76 3.78 -3.27	46.89 3.90 -5.54	51.01 4.32 -7.07	53.04 4.17 -9.87	54.56 5.26 -3.12	63.99 6.55 -1.42	70.70 6.38 -1.83	76.01 6.66 -0.70	70.17 5.23 -1.19	60.20 4.41 -0.63	50.74 4.27 -0.01	42.50 3.47 -0.01
WADING RIVER_IC_3 23601	41.84 3.03 0.00	38.58 2.89 0.00	34.97 2.44 0.00	34.76 2.34 0.00	33.99 2.19 0.00	35.53 2.23 0.00	39.48 2.79 0.00	41.38 3.14 -0.01	39.37 3.58 -0.01	37.45 3.89 -0.01	41.80 3.93 -3.36	41.11 3.79 -2.21	43.76 3.78 -3.27	46.89 3.90 -5.54	51.01 4.32 -7.07	53.04 4.17 -9.87	54.56 5.26 -3.12	63.99 6.55 -1.42	70.70 6.38 -1.83	76.01 6.66 -0.70	70.17 5.23 -1.19	60.20 4.41 -0.63	50.74 4.27 -0.01	42.50 3.47 -0.01
WALDENNY_12_KV_BK2 80841	35.71 -3.10 0.00	32.98 -2.71 0.00	29.96 -2.57 0.00	29.63 -2.79 0.00	29.38 -2.42 0.00	30.77 -2.53 0.00	33.32 -3.38 0.00	34.38 -3.86 0.00	32.81 -2.97 0.00	30.77 -2.79 0.00	31.60 -2.90 0.00	31.92 -3.20 0.00	33.59 -3.12 0.00	34.46 -3.00 0.00	36.26 -3.37 0.00	36.10 -2.89 0.00	40.59 -4.48 1.11	48.45 -5.43 2.13	53.90 -5.69 2.91	59.89 -5.84 2.93	55.97 -4.91 2.86	49.79 -3.70 1.66	42.53 -3.53 0.40	35.90 -3.12 0.00
WALDEN___HYDRO 24148	40.40 1.59 0.00	37.16 1.46 0.00	33.93 1.40 0.00	33.72 1.30 0.00	33.10 1.30 0.00	34.56 1.27 0.00	38.20 1.50 0.00	40.04 1.80 0.00	37.54 1.75 0.00	35.40 1.85 0.00	36.54 2.04 0.00	37.25 2.14 0.00	38.95 2.24 0.00	39.96 2.51 0.00	42.56 2.93 0.00	41.48 2.92 0.43	49.87 3.69 0.00	60.61 4.59 0.00	66.92 4.44 0.00	73.39 4.74 0.00	67.63 3.89 0.00	58.24 3.09 0.00	49.06 2.60 0.00	41.21 2.19 0.00
WARRENSBURG____ 23737	39.82 1.01 0.00	36.73 1.04 0.00	33.54 1.01 0.00	33.39 0.97 0.00	32.75 0.95 0.00	34.33 1.03 0.00	37.76 1.06 0.00	39.00 0.76 0.00	36.07 0.29 0.00	33.69 0.13 0.00	34.29 -0.21 0.00	35.25 0.14 0.00	36.53 -0.18 0.00	37.01 -0.45 0.00	39.27 -0.36 0.00	38.83 -0.16 0.00	46.27 0.09 0.00	56.30 0.28 0.00	63.92 1.44 0.00	70.57 1.92 0.00	66.23 2.49 0.00	57.14 1.99 0.00	47.90 1.44 0.00	40.23 1.21 0.00

WATERSIDE___6 8 9 23538	40.75 1.94 0.00	37.41 1.71 0.00	34.26 1.72 0.00	34.01 1.59 0.00	33.39 1.59 0.00	34.80 1.50 0.00	38.42 1.72 0.00	40.38 2.14 0.00	38.11 2.33 0.00	36.07 2.52 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.85 3.05 -0.10	40.95 3.33 -0.16	44.05 3.76 -0.66	58.36 3.78 -15.59	61.69 4.57 -10.94	63.34 5.60 -1.72	67.67 5.19 0.00	74.00 5.35 0.00	68.02 4.27 0.00	58.68 3.53 0.00	49.58 3.11 0.00	41.72 2.69 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.04 0.23 0.00	35.94 0.25 0.00	32.76 0.23 0.00	32.61 0.19 0.00	31.99 0.19 0.00	33.53 0.23 0.00	36.95 0.26 0.00	38.51 0.27 0.00	36.00 0.21 0.00	33.72 0.17 0.00	34.67 0.17 0.00	35.25 0.14 0.00	36.86 0.15 0.00	37.60 0.15 0.00	39.78 0.16 0.00	39.14 0.16 0.00	46.36 0.18 0.00	56.24 0.22 0.00	62.80 0.31 0.00	69.06 0.41 0.00	64.19 0.45 0.00	55.54 0.39 0.00	46.83 0.37 0.00	39.38 0.35 0.00
WDELAWARE___HYD 323627	40.25 1.44 0.00	36.98 1.28 0.00	33.74 1.20 0.00	33.55 1.13 0.00	32.91 1.11 0.00	34.36 1.07 0.00	38.05 1.36 0.00	39.73 1.49 0.00	37.32 1.54 0.00	35.10 1.54 0.00	36.22 1.72 0.00	36.90 1.79 0.00	38.62 1.91 0.00	39.63 2.17 0.00	42.20 2.57 0.00	41.03 2.57 0.53	49.50 3.33 0.00	60.33 4.31 0.00	66.79 4.31 0.00	73.32 4.67 0.00	67.57 3.82 0.00	58.18 3.03 0.00	49.02 2.55 0.00	40.86 1.83 0.00
WEST BABYLON___IC 23714	42.15 3.34 0.00	38.62 2.93 0.00	35.07 2.54 0.00	34.79 2.37 0.00	34.09 2.29 0.00	35.66 2.36 0.00	39.63 2.94 0.00	41.91 3.67 0.00	39.40 3.61 0.00	37.25 3.69 0.00	41.80 3.93 -3.36	41.36 4.04 -2.21	44.13 4.15 -3.27	47.41 4.42 -5.54	51.60 4.91 -7.07	57.94 4.91 -14.04	58.17 6.05 -5.95	67.23 7.45 -3.76	74.85 7.50 -4.86	78.42 7.89 -1.88	73.49 6.57 -3.18	62.31 5.46 -1.70	51.25 4.79 0.00	43.16 4.14 0.00
WEST CANADA___HYD 24049	38.89 0.08 0.00	35.76 0.07 0.00	32.60 0.07 0.00	32.48 0.06 0.00	31.86 0.06 0.00	33.36 0.07 0.00	36.77 0.07 0.00	38.32 0.08 0.00	35.82 0.04 0.00	33.59 0.03 0.00	34.54 0.03 0.00	35.18 0.07 0.00	36.78 0.07 0.00	37.53 0.08 0.00	39.70 0.08 0.00	39.07 0.08 0.00	46.27 0.09 0.00	56.13 0.11 0.00	62.61 0.13 0.00	68.79 0.14 0.00	63.87 0.13 0.00	55.26 0.11 0.00	46.56 0.09 0.00	39.10 0.08 0.00
WESTERN_NY_WIND 24143	36.68 -2.13 0.00	33.80 -1.89 0.00	30.71 -1.82 0.00	30.34 -2.07 0.00	30.11 -1.69 0.00	31.57 -1.73 0.00	34.31 -2.39 0.00	35.33 -2.91 0.00	33.60 -2.18 0.00	31.44 -2.11 0.00	32.19 -2.31 0.00	32.51 -2.60 0.00	34.18 -2.53 0.00	35.02 -2.43 0.00	36.85 -2.77 0.00	36.65 -2.34 0.00	41.71 -3.28 1.19	49.93 -3.81 2.29	55.69 -3.69 3.11	62.29 -3.23 3.14	58.13 -2.55 3.07	51.66 -1.71 1.78	44.13 -1.90 0.43	36.84 -2.19 0.00
WESTOVER___LESR 323668	38.97 0.16 0.00	35.91 0.21 0.00	32.66 0.13 0.00	32.55 0.13 0.00	31.96 0.16 0.00	33.53 0.23 0.00	36.84 0.15 0.00	38.20 -0.04 0.00	35.82 0.04 0.00	33.59 0.03 0.00	34.54 0.03 0.00	35.08 -0.04 0.00	36.75 0.04 0.00	37.57 0.11 0.00	39.74 0.12 0.00	39.22 0.23 0.00	45.93 0.05 0.29	55.63 0.17 0.56	62.03 0.31 0.76	68.43 0.55 0.77	63.63 0.64 0.75	55.32 0.61 0.44	46.73 0.37 0.10	39.34 0.31 0.00
WETHRSFD_WT_PWR 323626	36.25 -2.56 0.00	33.48 -2.21 0.00	30.51 -2.02 0.00	30.48 -1.94 0.00	29.99 -1.81 0.00	31.60 -1.70 0.00	34.09 -2.60 0.00	35.30 -2.94 0.00	33.21 -2.58 0.00	31.00 -2.55 0.00	31.84 -2.66 0.00	32.20 -2.91 0.00	33.85 -2.86 0.00	34.72 -2.73 0.00	36.65 -2.97 0.00	36.34 -2.65 0.00	41.30 -3.93 0.95	49.64 -4.54 1.84	55.23 -4.75 2.51	61.73 -4.40 2.53	57.77 -3.51 2.47	51.07 -2.65 1.44	43.42 -2.70 0.34	36.76 -2.26 0.00
WHAVSTOR_138KV_BK127 55557	40.40 1.59 0.00	37.12 1.43 0.00	33.93 1.40 0.00	33.72 1.30 0.00	33.10 1.30 0.00	34.56 1.27 0.00	38.20 1.50 0.00	40.11 1.87 0.00	37.65 1.86 0.00	35.54 1.98 0.00	36.74 2.24 0.00	37.46 2.35 0.00	39.13 2.42 0.00	40.11 2.66 0.00	42.71 3.09 0.00	44.91 3.08 -2.84	50.05 3.88 0.00	60.73 4.71 0.00	66.92 4.44 0.00	73.32 4.67 0.00	67.51 3.76 0.00	58.19 3.03 0.00	49.02 2.56 0.00	41.21 2.19 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.40 1.59 0.00	37.12 1.43 0.00	33.93 1.40 0.00	33.72 1.30 0.00	33.10 1.30 0.00	34.56 1.27 0.00	38.20 1.50 0.00	40.11 1.87 0.00	37.65 1.86 0.00	35.54 1.98 0.00	36.74 2.24 0.00	37.46 2.35 0.00	39.13 2.42 0.00	40.11 2.66 0.00	42.71 3.09 0.00	44.91 3.08 -2.84	50.05 3.88 0.00	60.73 4.71 0.00	66.92 4.44 0.00	73.32 4.67 0.00	67.51 3.76 0.00	58.19 3.03 0.00	49.02 2.56 0.00	41.21 2.19 0.00
WHITEHAL_115KV_TB1 80871	40.79 1.98 0.00	37.62 1.93 0.00	34.35 1.82 0.00	34.20 1.78 0.00	33.58 1.78 0.00	35.20 1.90 0.00	38.67 1.98 0.00	39.85 1.61 0.00	36.68 0.89 0.00	34.19 0.64 0.00	34.85 0.35 0.00	35.88 0.77 0.00	37.15 0.44 0.00	37.60 0.15 0.00	39.90 0.28 0.00	39.53 0.55 0.00	47.24 1.06 0.00	57.53 1.51 0.00	65.55 3.06 0.00	72.70 4.05 0.00	68.21 4.46 0.00	58.74 3.58 0.00	49.11 2.65 0.00	41.21 2.19 0.00
WHITEPLN_13_KV_LOAD 356215	40.87 2.06 0.00	37.55 1.86 0.00	34.29 1.76 0.00	34.11 1.69 0.00	33.45 1.65 0.00	34.93 1.63 0.00	38.64 1.94 0.00	40.61 2.37 0.00	38.15 2.36 0.00	36.00 2.45 0.00	37.23 2.73 0.00	37.96 2.84 0.00	39.65 2.94 0.00	40.68 3.22 0.00	43.35 3.72 0.00	44.35 3.74 -1.61	50.93 4.76 0.00	61.85 5.83 0.00	68.11 5.62 0.00	74.62 5.97 0.00	68.59 4.84 0.00	58.96 3.81 0.00	49.62 3.16 0.00	41.72 2.69 0.00
WM_FLOYD_69_KV_BK2 356380	41.99 3.18 0.00	38.65 2.96 0.00	35.04 2.50 0.00	34.79 2.37 0.00	34.09 2.29 0.00	35.66 2.36 0.00	39.63 2.94 0.00	41.95 3.71 0.00	39.44 3.65 0.00	37.41 3.86 0.00	41.83 3.97 -3.36	41.22 3.90 -2.21	43.91 3.93 -3.27	47.04 4.05 -5.54	51.21 4.52 -7.07	53.40 4.48 -9.93	54.87 5.54 -3.16	64.42 6.95 -1.45	71.24 6.87 -1.88	76.51 7.14 -0.72	70.70 5.74 -1.22	60.65 4.85 -0.65	50.83 4.37 0.00	43.16 4.14 0.00
WOODARD___115KV_TB2 355635	38.35 -0.47 0.00	35.26 -0.43 0.00	32.11 -0.42 0.00	32.00 -0.42 0.00	31.39 -0.41 0.00	32.93 -0.37 0.00	36.25 -0.44 0.00	37.63 -0.61 0.00	35.32 -0.47 0.00	33.09 -0.47 0.00	34.02 -0.48 0.00	34.58 -0.53 0.00	36.20 -0.51 0.00	36.97 -0.49 0.00	38.95 -0.67 0.00	38.36 -0.62 0.00	45.01 -0.83 0.33	54.43 -0.95 0.63	60.75 -0.87 0.87	66.95 -0.82 0.87	62.19 -0.70 0.85	54.05 -0.61 0.50	45.79 -0.56 0.12	38.48 -0.55 0.00
YORK___WARBASSE 23770	40.75 1.94 0.00	37.33 1.64 0.00	34.19 1.66 0.00	33.78 1.36 0.00	33.17 1.37 0.00	34.56 1.27 0.00	38.20 1.50 0.00	40.15 1.91 0.00	37.90 2.11 0.00	36.00 2.45 0.00	37.46 2.86 -0.10	38.18 2.98 -0.08	39.78 2.97 -0.10	40.95 3.33 -0.16	44.13 3.84 -0.66	58.48 3.90 -15.59	61.60 4.48 -10.94	63.40 5.66 -1.72	67.61 5.12 0.00	73.94 5.29 0.00	68.02 4.27 0.00	58.68 3.53 0.00	49.53 3.07 0.00	41.60 2.58 0.00