

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion											
Generator Data																											07/12/2023						
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		28.94	25.98	24.15	22.51	22.09	23.27	25.64	28.36	32.58	34.98	36.84	38.69	42.46	45.48	48.90	60.40	78.39	79.15	72.89	60.95	47.19	41.66	37.42	33.71								
24138		2.34	1.92	1.77	1.76	1.65	1.48	1.74	2.17	2.55	3.18	3.29	3.39	4.14	4.51	4.77	6.48	7.21	8.03	6.75	5.40	3.83	3.55	3.03	2.81								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-12.99	-9.37	-8.40	-5.59	-1.30	0.00	0.00	0.00								
74TH STREET_GT_1		28.97	26.00	24.17	22.53	22.09	23.30	25.62	28.36	32.61	34.98	36.97	38.80	42.43	45.56	48.94	60.35	78.39	79.15	72.95	60.90	47.19	41.70	37.55	33.44								
24260		2.37	1.95	1.79	1.78	1.66	1.50	1.72	2.17	2.58	3.18	3.42	3.50	4.10	4.59	4.81	6.43	7.22	8.03	6.81	5.35	3.83	3.58	3.16	2.53								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-12.99	-9.37	-8.40	-5.59	-1.30	0.00	0.00	0.00								
74TH STREET_GT_2		28.97	26.00	24.17	22.53	22.09	23.30	25.62	28.36	32.61	34.98	36.97	38.80	42.43	45.56	48.94	60.35	78.39	79.15	72.95	60.90	47.19	41.70	37.55	33.44								
24261		2.37	1.95	1.79	1.78	1.66	1.50	1.72	2.17	2.58	3.18	3.42	3.50	4.10	4.59	4.81	6.43	7.22	8.03	6.81	5.35	3.83	3.58	3.16	2.53								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-12.99	-9.37	-8.40	-5.59	-1.30	0.00	0.00	0.00								
ADK HUDSON___FALLS		28.28	25.50	23.84	22.01	21.70	23.06	25.26	27.71	31.74	33.80	35.83	37.74	41.08	43.92	47.35	56.92	69.70	86.84	90.69	72.70	50.18	41.28	36.87	32.91								
24011		1.68	1.44	1.45	1.27	1.27	1.26	1.36	1.52	1.71	2.00	2.28	2.44	2.76	2.95	3.22	3.80	4.42	4.88	5.02	4.15	3.79	3.16	2.48	2.01								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	-7.10	-20.20	-27.93	-18.59	-4.33	0.00	0.00	0.00								
ADK RESOURCE___RCVRY		28.52	25.69	24.02	22.16	21.84	23.23	25.45	27.92	31.98	34.09	36.13	38.06	41.47	44.33	47.79	57.45	70.35	87.61	91.50	73.33	50.79	41.70	37.21	33.25								
23798		1.92	1.64	1.63	1.41	1.41	1.44	1.55	1.73	1.95	2.29	2.58	2.76	3.14	3.36	3.66	4.34	5.06	5.56	5.72	4.70	4.37	3.58	2.82	2.35								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	-7.10	-20.29	-28.05	-18.67	-4.35	0.00	0.00	0.00								
ADK S GLENS___FALLS		28.28	25.50	23.84	22.01	21.70	23.06	25.26	27.71	31.74	33.80	35.83	37.74	41.08	43.92	47.35	56.92	69.70	86.84	90.69	72.70	50.18	41.28	36.87	32.91								
24028		1.68	1.44	1.45	1.27	1.27	1.26	1.36	1.52	1.71	2.00	2.28	2.44	2.76	2.95	3.22	3.80	4.42	4.88	5.02	4.15	3.79	3.16	2.48	2.01								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	-7.10	-20.20	-27.93	-18.59	-4.33	0.00	0.00	0.00								
ADK_NYS___DAM		27.83	25.14	23.55	21.78	21.52	22.84	24.95	27.26	31.23	33.23	35.13	36.96	40.24	43.22	46.56	55.60	68.32	81.58	83.01	67.66	47.90	40.17	36.04	32.45								
23527		1.22	1.08	1.16	1.04	1.08	1.05	1.05	1.07	1.20	1.43	1.58	1.66	1.92	2.25	2.43	2.94	3.55	3.96	3.35	3.10	2.44	2.06	1.65	1.54								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	-6.58	-15.86	-21.93	-14.60	-3.40	0.00	0.00	0.00								
AIR_PRODUCTS___DRP		27.16	24.53	22.94	21.27	20.95	22.18	24.23	26.53	30.45	32.43	34.35	36.19	39.17	41.99	45.19	54.57	66.62	76.26	76.72	62.90	45.74	38.99	35.18	31.46								
24190		0.56	0.48	0.56	0.52	0.51	0.39	0.33	0.34	0.42	0.64	0.81	0.88	0.84	1.02	1.06	1.39	1.63	1.85	1.50	1.30	0.97	0.88	0.79	0.56								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	-6.81	-12.65	-17.49	-11.64	-2.71	0.00	0.00	0.00								
AKWESSNE_115KV_BK		26.18	23.69	22.09	20.50	20.17	21.51	23.61	25.87	29.61	31.10	32.74	34.53	37.37	39.94	43.12	52.48	56.91	59.97	56.46	48.96	41.31	37.35	33.84	30.62								
355683		-0.43	-0.36	-0.29	-0.25	-0.27	-0.28	-0.29	-0.31	-0.42	-0.70	-0.81	-0.78	-0.96	-1.02	-1.02	-1.07	-1.28	-1.79	-1.27	-1.00	-0.76	-0.76	-0.55	-0.28								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		27.16	24.53	22.94	21.27	20.95	22.18	24.23	26.53	30.45	32.43	34.35	36.19	39.17	41.99	45.19	54.57	66.62	76.26	76.72	62.90	45.74	38.99	35.18	31.46								
23571		0.56	0.48	0.56	0.52	0.51	0.39	0.33	0.34	0.42	0.64	0.81	0.88	0.84	1.02	1.06	1.39	1.63	1.85	1.50	1.30	0.97	0.88	0.79	0.56								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	-6.81	-12.65	-17.49	-11.64	-2.71	0.00	0.00	0.00								
ALBANY___2		27.16	24.53	22.94	21.27	20.95	22.18	24.23	26.53	30.45	32.43	34.35	36.19	39.17	41.99	45.19	54.57	66.62	76.26	76.72	62.90	45.74	38.99	35.18	31.46								
23572		0.56	0.48	0.56	0.52	0.51	0.39	0.33	0.34	0.42	0.64	0.81	0.88	0.84	1.02	1.06	1.39	1.63	1.85	1.50	1.30	0.97	0.88	0.79	0.56								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	-6.81	-12.65	-17.49	-11.64	-2.71	0.00	0.00	0.00								
ALBANY___3		27.16	24.53	22.94	21.27	20.95	22.18	24.23	26.53	30.45	32.43	34.35	36.19	39.17	41.99	45.19	54.57	66.62	76.26	76.72	62.90	45.74	38.99	35.18	31.46								
23573		0.56	0.48	0.56	0.52	0.51	0.39	0.33	0.34	0.42	0.64	0.81	0.88	0.84	1.02	1.06	1.39	1.63	1.85	1.50	1.30	0.97	0.88	0.79	0.56								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	-6.81	-12.65	-17.49	-11.64	-2.71	0.00	0.00	0.00								

ALBANY___4 23574	27.16 0.56 0.00	24.53 0.48 0.00	22.94 0.56 0.00	21.27 0.52 0.00	20.95 0.51 0.00	22.18 0.39 0.00	24.23 0.33 0.00	26.53 0.34 0.00	30.45 0.42 0.00	32.43 0.64 0.00	34.35 0.81 0.00	36.19 0.88 0.00	39.17 0.84 0.00	41.99 1.02 0.00	45.19 1.06 0.00	54.57 1.39 0.38	66.62 1.63 -6.81	76.26 1.85 -12.65	76.72 1.50 -17.49	62.90 1.30 -11.64	45.74 0.97 -2.71	38.99 0.88 0.00	35.18 0.79 0.00	31.46 0.56 0.00
ALBANY___LFGE 323615	27.45 0.85 0.00	24.82 0.77 0.00	23.19 0.80 0.00	21.47 0.73 0.00	21.15 0.71 0.00	22.42 0.63 0.00	24.40 0.50 0.00	26.71 0.52 0.00	30.63 0.60 0.00	32.65 0.86 0.00	34.65 1.11 0.00	36.47 1.16 0.00	39.51 1.19 0.00	42.32 1.35 0.00	45.58 1.45 0.00	55.02 1.87 0.41	67.14 2.15 -6.80	76.81 2.41 -12.65	77.24 2.02 -17.49	63.35 1.75 -11.64	46.12 1.35 -2.71	39.53 1.41 0.00	35.59 1.20 0.00	32.01 1.11 0.00
ALCOA_PA_115KV_PL-6C 55860	26.42 -0.19 0.00	23.91 -0.14 0.00	22.29 -0.09 0.00	20.68 -0.06 0.00	20.35 -0.08 0.00	21.68 -0.11 0.00	23.80 -0.10 0.00	26.08 -0.10 0.00	29.70 -0.33 0.00	31.19 -0.60 0.00	32.84 -0.70 0.00	34.63 -0.67 0.00	37.48 -0.84 0.00	40.03 -0.94 0.00	43.25 -0.88 0.00	52.59 -0.96 0.00	56.96 -1.22 0.00	60.03 -1.73 0.00	56.58 -1.15 0.00	49.06 -0.90 0.00	41.43 -0.63 0.00	37.47 -0.65 0.00	34.01 -0.38 0.00	30.81 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	26.42 -0.19 0.00	23.91 -0.14 0.00	22.29 -0.09 0.00	20.68 -0.06 0.00	20.35 -0.08 0.00	21.68 -0.11 0.00	23.80 -0.10 0.00	26.08 -0.10 0.00	29.70 -0.33 0.00	31.19 -0.60 0.00	32.84 -0.70 0.00	34.63 -0.67 0.00	37.48 -0.84 0.00	40.03 -0.94 0.00	43.25 -0.88 0.00	52.59 -0.96 0.00	56.96 -1.22 0.00	60.03 -1.73 0.00	56.58 -1.15 0.00	49.06 -0.90 0.00	41.43 -0.63 0.00	37.47 -0.65 0.00	34.01 -0.38 0.00	30.81 -0.09 0.00
ALCOA___DSASP 323711	26.42 -0.18 0.00	23.91 -0.14 0.00	22.29 -0.09 0.00	20.64 -0.10 0.00	20.35 -0.08 0.00	21.68 -0.11 0.00	23.80 -0.10 0.00	26.08 -0.10 0.00	29.70 -0.33 0.00	31.19 -0.61 0.00	32.84 -0.71 0.00	34.60 -0.71 0.00	37.48 -0.84 0.00	40.03 -0.94 0.00	43.25 -0.88 0.00	52.64 -0.91 0.00	56.96 -1.22 0.00	59.97 -1.79 0.00	56.58 -1.15 0.00	49.06 -0.90 0.00	41.43 -0.63 0.00	37.47 -0.65 0.00	34.01 -0.38 0.00	30.62 -0.28 0.00
ALLEGHENY___COGEN 23514	28.17 1.57 0.00	25.57 1.52 0.00	23.37 0.98 0.00	21.54 0.79 0.00	21.21 0.78 0.00	23.21 1.42 0.00	25.38 1.48 0.00	27.44 1.26 0.00	31.17 1.14 0.00	31.96 0.16 0.00	33.48 -0.07 0.00	35.55 0.25 0.00	38.40 0.08 0.00	40.60 -0.37 0.00	43.56 -0.57 0.00	52.22 -1.34 0.00	57.37 -1.69 -0.88	63.01 0.25 -1.00	59.58 0.46 -1.38	51.48 0.60 -0.92	43.62 1.35 -0.21	39.49 1.37 0.00	35.77 1.38 0.00	31.83 0.93 0.00
ALTAMONT_115KV_TB 2 55880	27.51 0.90 0.00	24.82 0.77 0.00	23.21 0.83 0.00	21.51 0.77 0.00	21.19 0.76 0.00	22.47 0.68 0.00	24.59 0.69 0.00	26.95 0.76 0.00	30.90 0.87 0.00	32.88 1.08 0.00	34.82 1.27 0.00	36.65 1.34 0.00	39.74 1.42 0.00	42.57 1.60 0.00	45.85 1.72 0.00	55.43 2.14 0.27	67.51 2.44 -6.88	76.25 2.78 -11.71	76.24 2.31 -16.20	62.79 2.05 -10.78	46.17 1.60 -2.51	39.53 1.41 0.00	35.63 1.24 0.00	31.86 0.96 0.00
ALTONA_WT_PWR 323606	26.02 -0.59 0.00	23.62 -0.43 0.00	22.05 -0.34 0.00	20.46 -0.29 0.00	20.19 -0.24 0.00	21.62 -0.18 0.00	23.90 0.00 0.00	26.29 0.11 0.00	30.09 0.06 0.00	31.54 -0.26 0.00	33.01 -0.54 0.00	34.88 -0.42 0.00	37.83 -0.50 0.00	40.40 -0.57 0.00	43.87 -0.26 0.00	53.66 0.11 0.00	58.19 0.00 0.00	61.45 -0.31 0.00	58.31 0.58 0.00	50.66 0.70 0.00	42.86 0.80 0.00	38.61 0.49 0.00	35.04 0.65 0.00	31.52 0.62 0.00
AMERICAN_REF_FUEL 24010	26.42 -0.18 0.00	24.05 0.00 0.00	21.96 -0.43 0.00	20.19 -0.56 0.00	19.86 -0.57 0.00	21.86 0.07 0.00	24.00 0.10 0.00	26.14 -0.05 0.00	30.09 0.06 0.00	31.86 0.06 0.00	33.72 0.17 0.00	35.41 0.11 0.00	38.13 -0.19 0.00	40.23 -0.74 0.00	43.07 -1.06 0.00	51.36 -2.20 0.00	55.02 -3.96 -0.79	60.61 -2.04 -0.88	56.42 -2.54 -1.22	48.38 -2.40 -0.81	40.87 -1.39 -0.19	36.94 -1.18 0.00	33.80 -0.58 0.00	30.41 -0.50 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.48 0.88 0.00	24.97 0.91 0.00	22.83 0.45 0.00	21.10 0.35 0.00	20.80 0.37 0.00	22.92 1.13 0.00	25.24 1.34 0.00	27.73 1.54 0.00	31.92 1.89 0.00	33.93 2.13 0.00	35.97 2.42 0.00	37.71 2.40 0.00	40.70 2.38 0.00	43.02 2.05 0.00	46.07 1.94 0.00	55.00 1.45 0.00	58.78 -0.29 -0.89	65.05 2.29 -1.01	60.57 1.44 -1.40	51.59 0.70 -0.93	43.42 1.14 -0.22	39.34 1.22 0.00	35.80 1.41 0.00	31.98 1.08 0.00
ARTHUR_KILL_GT_1 23520	28.91 2.31 0.00	25.87 1.83 0.01	24.01 1.63 0.01	22.36 1.62 0.01	21.90 1.47 0.01	22.98 1.20 0.01	25.33 1.43 0.01	28.17 1.99 0.01	32.33 2.31 0.01	34.87 3.08 0.01	36.73 3.19 0.01	37.01 3.39 1.68	37.44 3.91 4.79	37.05 4.26 8.18	38.13 4.41 10.41	44.77 5.94 14.73	60.82 6.75 4.11	62.29 7.59 7.07	55.10 6.24 8.87	39.41 4.84 15.40	42.47 3.37 2.96	41.54 3.43 0.01	37.47 3.13 0.05	34.66 2.90 -0.85
ARTHUR_KILL_2 23512	28.80 2.21 0.00	25.80 1.75 0.01	23.94 1.57 0.01	22.30 1.56 0.01	21.84 1.41 0.01	22.92 1.13 0.01	25.25 1.36 0.01	28.09 1.91 0.01	32.24 2.22 0.01	34.75 2.96 0.01	36.62 3.08 0.01	36.87 3.25 1.68	37.29 3.76 4.79	36.89 4.10 8.18	37.95 4.24 10.41	44.56 5.73 14.73	60.53 6.46 4.11	61.91 7.22 7.07	54.81 5.95 8.87	39.11 4.55 15.40	42.26 3.16 2.96	41.35 3.24 0.01	37.33 2.99 0.05	34.54 2.78 -0.85
ARTHUR_KILL_3 23513	28.63 2.02 0.00	25.69 1.64 0.00	23.88 1.50 0.00	22.28 1.54 0.00	21.87 1.43 0.00	22.99 1.20 0.00	25.29 1.39 0.00	27.99 1.81 0.00	32.13 2.10 0.00	34.50 2.70 0.00	36.30 2.75 0.00	36.49 2.86 1.67	36.99 3.45 4.78	36.65 3.85 8.17	37.74 4.02 10.41	44.35 5.52 14.72	60.31 6.23 4.10	61.68 6.98 7.06	54.59 5.72 8.86	39.07 4.50 15.39	42.23 3.11 2.95	41.09 2.98 0.00	36.96 2.61 0.04	34.33 2.56 -0.86
ARTHUR_KILL_COGEN 323718	28.91 2.31 0.00	25.87 1.83 0.01	24.01 1.63 0.01	22.36 1.62 0.01	21.90 1.47 0.01	22.98 1.20 0.01	25.33 1.43 0.01	28.17 1.99 0.01	32.33 2.31 0.01	34.87 3.08 0.01	36.73 3.19 0.01	37.01 3.39 1.68	37.44 3.91 4.79	37.05 4.26 8.18	38.13 4.41 10.41	44.77 5.94 14.73	60.82 6.75 4.11	62.29 7.59 7.07	55.10 6.24 8.87	39.41 4.84 15.40	42.47 3.37 2.96	41.54 3.43 0.01	37.47 3.13 0.05	34.66 2.90 -0.85
ASHOKAN____ 23654	27.67 1.07 0.00	24.82 0.77 0.00	23.16 0.78 0.00	21.47 0.73 0.00	21.07 0.63 0.00	22.27 0.48 0.00	24.55 0.65 0.00	26.58 0.39 0.00	30.45 0.42 0.00	32.53 0.73 0.00	34.69 1.14 0.00	36.65 1.34 0.00	39.70 1.38 0.00	42.81 1.85 0.00	46.12 1.99 0.00	57.95 4.39 0.00	66.51 2.15 -6.17	73.38 2.59 -9.03	72.47 2.25 -12.48	60.27 2.00 -8.31	45.51 1.51 -1.94	39.95 1.83 0.00	35.97 1.58 0.00	32.23 1.33 0.00

ASTORIA_EAST_ENERGY_CC1 323581	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.54 1.78 -0.01	22.12 1.68 -0.01	23.25 1.46 0.00	25.45 1.55 0.00	28.42 2.22 -0.01	32.28 2.25 0.00	34.76 2.96 -0.01	36.47 2.92 -0.01	38.45 3.14 -0.01	42.32 3.99 -0.01	45.36 4.39 -0.01	48.64 4.50 -0.01	59.82 5.89 -0.38	77.82 6.63 -13.00	78.36 7.22 -9.38	72.09 5.95 -8.41	60.20 4.65 -5.59	46.52 3.16 -1.30	41.40 3.28 0.00	37.29 2.89 -0.01	33.69 2.78 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.54 1.78 -0.01	22.12 1.68 -0.01	23.25 1.46 0.00	25.45 1.55 0.00	28.42 2.22 -0.01	32.28 2.25 0.00	34.76 2.96 -0.01	36.47 2.92 -0.01	38.45 3.14 -0.01	42.32 3.99 -0.01	45.36 4.39 -0.01	48.64 4.50 -0.01	59.82 5.89 -0.38	77.82 6.63 -13.00	78.36 7.22 -9.38	72.09 5.95 -8.41	60.20 4.65 -5.59	46.52 3.16 -1.30	41.40 3.28 0.00	37.29 2.89 -0.01	33.69 2.78 -0.01
ASTORIA_GT2_1 24094	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT2_2 24095	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT2_3 24096	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT2_4 24097	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT3_1 24098	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT3_2 24099	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT3_3 24100	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT3_4 24101	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT4_1 24102	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT4_2 24103	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT4_3 24104	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT4_4 24105	28.92 2.31 -0.01	25.96 1.90 -0.01	24.14 1.75 -0.01	22.56 1.81 -0.01	22.14 1.70 -0.01	23.32 1.53 0.00	25.45 1.55 0.00	28.42 2.23 -0.01	32.43 2.40 0.00	34.76 2.96 -0.01	36.64 3.09 -0.01	38.49 3.18 -0.01	42.40 4.06 -0.01	45.40 4.42 -0.01	48.68 4.55 -0.01	59.82 5.89 -0.38	77.88 6.69 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.44 4.90 -5.59	46.65 3.28 -1.30	41.43 3.32 0.00	37.29 2.89 -0.01	33.26 2.35 -0.01
ASTORIA_GT_1 23523	29.00 2.40 -0.01	26.03 1.97 -0.01	24.20 1.81 -0.01	22.60 1.85 -0.01	22.16 1.72 -0.01	23.29 1.50 0.00	25.53 1.63 0.00	28.50 2.31 -0.01	32.40 2.37 0.00	34.86 3.05 -0.01	36.58 3.02 -0.01	38.56 3.25 -0.01	42.47 4.14 -0.01	45.52 4.55 -0.01	48.81 4.68 -0.01	60.03 6.10 -0.38	78.05 6.86 -13.00	78.60 7.47 -9.38	72.32 6.18 -8.41	60.39 4.84 -5.59	46.65 3.28 -1.30	41.51 3.39 0.00	37.42 3.03 -0.01	33.79 2.87 -0.01

ASTORIA_GT_10 24110	28.86 2.26 0.00	25.88 1.83 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.17 1.37 0.00	25.41 1.51 0.00	28.26 2.07 0.00	32.40 2.37 0.00	34.79 2.99 -0.01	36.74 3.19 -0.01	38.49 3.18 -0.01	42.16 3.83 0.00	45.19 4.22 0.00	48.46 4.32 0.00	59.65 5.73 -0.37	77.58 6.40 -12.99	77.35 7.16 -8.43	69.93 5.89 -6.31	53.35 4.60 1.21	46.61 3.24 -1.30	41.36 3.24 0.00	37.39 2.99 -0.01	33.32 2.41 -0.01
ASTORIA_GT_11 24225	28.86 2.26 0.00	25.88 1.83 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.17 1.37 0.00	25.41 1.51 0.00	28.26 2.07 0.00	32.40 2.37 0.00	34.79 2.99 -0.01	36.74 3.19 -0.01	38.49 3.18 -0.01	42.16 3.83 0.00	45.19 4.22 0.00	48.46 4.32 0.00	59.65 5.73 -0.37	77.58 6.40 -12.99	77.35 7.16 -8.43	69.93 5.89 -6.31	53.35 4.60 1.21	46.61 3.24 -1.30	41.36 3.24 0.00	37.39 2.99 -0.01	33.32 2.41 -0.01
ASTORIA_GT_12 24226	28.86 2.26 0.00	25.90 1.85 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.12 1.33 0.00	25.41 1.51 0.00	28.26 2.07 0.00	32.31 2.28 0.00	34.79 2.99 -0.01	36.68 3.12 -0.01	38.56 3.25 -0.01	42.12 3.79 0.00	45.15 4.18 0.00	48.41 4.28 0.00	59.66 5.73 -0.37	77.58 6.40 -12.99	77.34 7.16 -8.43	69.87 5.83 -6.31	53.25 4.50 1.21	46.52 3.16 -1.30	41.36 3.24 0.00	37.39 2.99 -0.01	33.75 2.84 -0.01
ASTORIA_GT_13 24227	28.86 2.26 0.00	25.90 1.85 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.12 1.33 0.00	25.41 1.51 0.00	28.26 2.07 0.00	32.31 2.28 0.00	34.79 2.99 -0.01	36.68 3.12 -0.01	38.56 3.25 -0.01	42.12 3.79 0.00	45.15 4.18 0.00	48.41 4.28 0.00	59.66 5.73 -0.37	77.58 6.40 -12.99	77.34 7.16 -8.43	69.87 5.83 -6.31	53.25 4.50 1.21	46.52 3.16 -1.30	41.36 3.24 0.00	37.39 2.99 -0.01	33.75 2.84 -0.01
ASTORIA_GT_5 24106	29.00 2.40 -0.01	26.03 1.97 -0.01	24.20 1.81 -0.01	22.60 1.85 -0.01	22.16 1.72 -0.01	23.29 1.50 0.00	25.53 1.63 0.00	28.50 2.31 -0.01	32.40 2.37 0.00	34.86 3.05 -0.01	36.58 3.02 -0.01	38.56 3.25 -0.01	42.47 4.14 -0.01	45.52 4.55 -0.01	48.81 4.68 -0.01	60.03 6.10 -0.38	78.05 6.86 -13.00	78.60 7.47 -9.38	72.32 6.18 -8.41	60.39 4.84 -5.59	46.65 3.28 -1.30	41.51 3.39 0.00	37.42 3.03 -0.01	33.79 2.87 -0.01
ASTORIA_GT_7 24107	29.00 2.40 -0.01	26.03 1.97 -0.01	24.20 1.81 -0.01	22.60 1.85 -0.01	22.16 1.72 -0.01	23.29 1.50 0.00	25.53 1.63 0.00	28.50 2.31 -0.01	32.40 2.37 0.00	34.86 3.05 -0.01	36.58 3.02 -0.01	38.56 3.25 -0.01	42.47 4.14 -0.01	45.52 4.55 -0.01	48.81 4.68 -0.01	60.03 6.10 -0.38	78.05 6.86 -13.00	78.60 7.47 -9.38	72.32 6.18 -8.41	60.39 4.84 -5.59	46.65 3.28 -1.30	41.51 3.39 0.00	37.42 3.03 -0.01	33.79 2.87 -0.01
ASTORIA_GT_8 24108	29.00 2.39 -0.01	26.01 1.95 -0.01	24.20 1.81 -0.01	22.62 1.87 -0.01	22.18 1.74 -0.01	23.36 1.57 0.00	25.50 1.60 0.00	28.50 2.30 -0.01	32.52 2.49 0.00	34.86 3.05 -0.01	36.74 3.19 -0.01	38.60 3.28 -0.01	42.51 4.18 -0.01	45.52 4.55 -0.01	48.82 4.68 -0.01	60.04 6.11 -0.38	78.05 6.87 -13.00	78.61 7.47 -9.38	72.38 6.24 -8.41	60.59 5.05 -5.59	46.77 3.41 -1.30	41.55 3.43 0.00	37.39 2.99 -0.01	33.35 2.44 -0.01
ASTORIA___2 24149	28.95 2.34 -0.01	25.98 1.92 -0.01	24.14 1.75 -0.01	22.56 1.80 -0.01	22.12 1.68 -0.01	23.25 1.46 0.00	25.45 1.55 0.00	28.42 2.22 -0.01	32.31 2.28 0.00	34.76 2.96 -0.01	36.51 2.95 -0.01	38.45 3.14 -0.01	42.36 4.02 -0.01	45.36 4.39 -0.01	48.64 4.50 -0.01	59.82 5.89 -0.38	77.87 6.69 -13.00	78.36 7.22 -9.38	72.15 6.00 -8.41	60.24 4.70 -5.59	46.52 3.16 -1.30	41.40 3.28 0.00	37.32 2.92 -0.01	33.69 2.78 -0.01
ASTORIA___3 23516	28.86 2.26 0.00	25.90 1.85 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.12 1.33 0.00	25.41 1.51 0.00	28.26 2.07 0.00	32.31 2.28 0.00	34.79 2.99 -0.01	36.64 3.08 -0.01	38.56 3.25 -0.01	42.12 3.79 0.00	45.15 4.18 0.00	48.41 4.28 0.00	59.66 5.73 -0.37	77.58 6.40 -12.99	77.34 7.16 -8.43	69.87 5.83 -6.31	53.25 4.50 1.21	46.52 3.16 -1.30	41.36 3.24 0.00	37.39 2.99 -0.01	33.75 2.84 -0.01
ASTORIA___4 23517	28.86 2.26 0.00	25.88 1.83 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.17 1.37 0.00	25.41 1.51 0.00	28.26 2.07 0.00	32.40 2.37 0.00	34.79 2.99 -0.01	36.74 3.19 -0.01	38.49 3.18 -0.01	42.16 3.83 0.00	45.19 4.22 0.00	48.46 4.32 0.00	59.65 5.73 -0.37	77.58 6.40 -12.99	77.35 7.16 -8.43	69.93 5.89 -6.31	53.35 4.60 1.21	46.61 3.24 -1.30	41.36 3.24 0.00	37.39 2.99 -0.01	33.32 2.41 -0.01
ASTORIA___5 23518	28.86 2.26 0.00	25.90 1.85 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.12 1.33 0.00	25.41 1.51 0.00	28.26 2.07 0.00	32.31 2.28 0.00	34.79 2.99 -0.01	36.64 3.08 -0.01	38.56 3.25 -0.01	42.12 3.79 0.00	45.15 4.18 0.00	48.41 4.28 0.00	59.66 5.73 -0.37	77.58 6.40 -12.99	77.34 7.16 -8.43	69.87 5.83 -6.31	53.25 4.50 1.21	46.52 3.16 -1.30	41.36 3.24 0.00	37.39 2.99 -0.01	33.75 2.84 -0.01
AST_ENERGY_2_CC3 323677	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.34 1.60 0.00	21.93 1.49 0.00	23.08 1.29 0.00	25.38 1.48 0.00	28.07 1.89 0.00	32.25 2.22 0.00	34.59 2.80 0.00	36.47 2.92 0.00	38.34 3.04 0.00	41.93 3.60 0.00	44.99 4.02 0.00	48.37 4.24 0.00	59.71 5.79 -0.37	77.69 6.52 -12.99	78.41 7.28 -9.37	72.14 6.00 -8.40	60.29 4.75 -5.58	46.68 3.32 -1.29	41.24 3.13 0.00	37.17 2.78 0.00	33.56 2.66 0.00
AST_ENERGY_2_CC4 323678	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.34 1.60 0.00	21.93 1.49 0.00	23.08 1.29 0.00	25.38 1.48 0.00	28.07 1.89 0.00	32.25 2.22 0.00	34.59 2.80 0.00	36.47 2.92 0.00	38.34 3.04 0.00	41.93 3.60 0.00	44.99 4.02 0.00	48.37 4.24 0.00	59.71 5.79 -0.37	77.69 6.52 -12.99	78.41 7.28 -9.37	72.14 6.00 -8.40	60.29 4.75 -5.58	46.68 3.32 -1.29	41.24 3.13 0.00	37.17 2.78 0.00	33.56 2.66 0.00
ATHENS_STG_1 23668	27.64 1.04 0.00	24.94 0.89 0.00	23.30 0.92 0.00	21.64 0.89 0.00	21.29 0.86 0.00	22.55 0.76 0.00	24.69 0.79 0.00	27.08 0.89 0.00	31.05 1.02 0.00	33.13 1.34 0.00	35.02 1.47 0.00	36.86 1.55 0.00	40.05 1.73 0.00	42.90 1.93 0.00	46.16 2.03 0.00	56.35 2.68 -0.11	67.47 3.08 -6.20	71.60 3.39 -6.44	69.41 2.77 -8.91	58.24 2.35 -5.93	45.17 1.73 -1.38	39.68 1.56 0.00	35.73 1.34 0.00	32.23 1.33 0.00
ATHENS_STG_2 23670	27.64 1.04 0.00	24.94 0.89 0.00	23.30 0.92 0.00	21.64 0.89 0.00	21.29 0.86 0.00	22.55 0.76 0.00	24.69 0.79 0.00	27.08 0.89 0.00	31.05 1.02 0.00	33.13 1.34 0.00	35.02 1.47 0.00	36.86 1.55 0.00	40.05 1.73 0.00	42.90 1.93 0.00	46.16 2.03 0.00	56.35 2.68 -0.11	67.47 3.08 -6.20	71.60 3.39 -6.44	69.41 2.77 -8.91	58.24 2.35 -5.93	45.17 1.73 -1.38	39.68 1.56 0.00	35.73 1.34 0.00	32.23 1.33 0.00

ATHENS_STG_3 23677	27.64 1.04 0.00	24.94 0.89 0.00	23.30 0.92 0.00	21.64 0.89 0.00	21.29 0.86 0.00	22.55 0.76 0.00	24.69 0.79 0.00	27.08 0.89 0.00	31.05 1.02 0.00	33.13 1.34 0.00	35.02 1.47 0.00	36.86 1.55 0.00	40.05 1.73 0.00	42.90 1.93 0.00	46.16 2.03 0.00	56.35 2.68 -0.11	67.47 3.08 -6.20	71.60 3.39 -6.44	69.41 2.77 -8.91	58.24 2.35 -5.93	45.17 1.73 -1.38	39.68 1.56 0.00	35.73 1.34 0.00	32.23 1.33 0.00
AUBURN____LFGE 323710	27.11 0.51 0.00	24.53 0.48 0.00	22.65 0.27 0.00	20.95 0.21 0.00	20.66 0.22 0.00	22.23 0.44 0.00	24.40 0.50 0.00	26.82 0.63 0.00	30.78 0.75 0.00	32.65 0.86 0.00	34.29 0.74 0.00	36.08 0.78 0.00	39.21 0.88 0.00	41.83 0.86 0.00	45.01 0.88 0.00	54.63 1.07 0.00	59.88 1.05 -0.65	64.01 1.54 -0.71	59.99 1.27 -0.98	51.66 1.05 -0.65	43.23 1.01 -0.15	39.11 0.99 0.00	35.22 0.83 0.00	31.49 0.59 0.00
BABYLON_RES_REC 323704	35.96 2.87 -6.49	33.62 2.45 -7.11	29.43 2.28 -4.76	22.93 2.18 0.00	22.42 1.98 0.00	23.78 1.98 0.00	25.88 1.98 0.00	30.76 2.67 -1.90	33.13 2.97 -0.13	36.86 3.62 -1.44	37.94 3.55 -0.84	41.22 3.46 -2.46	57.04 3.91 -14.80	68.51 4.18 -23.36	64.11 4.46 -15.53	75.74 6.00 -16.18	89.82 6.86 -24.77	113.41 7.72 -43.93	81.69 6.58 -17.37	69.79 5.35 -14.48	51.18 3.91 -5.20	45.48 3.74 -3.63	43.20 3.47 -5.34	39.10 3.40 -4.80
BABYLON__69_KV_BK2 356345	36.39 3.30 -6.49	33.98 2.81 -7.11	29.77 2.62 -4.76	23.24 2.49 0.00	22.70 2.27 0.00	24.10 2.31 0.00	26.22 2.32 0.00	31.17 3.09 -1.90	33.73 3.57 -0.13	37.41 4.17 -1.45	39.51 4.23 -1.74	42.47 4.34 -2.83	58.03 4.91 -14.80	72.50 5.41 -26.12	75.93 5.78 -26.02	102.50 7.39 -41.56	120.93 8.32 -54.42	143.17 9.26 -72.15	109.72 8.08 -43.90	95.52 6.60 -38.96	62.86 5.01 -15.79	54.14 4.57 -11.45	49.97 4.23 -11.35	42.04 3.52 -7.62
BARON_WINDS____WT_PWR 323822	27.11 0.50 0.00	24.53 0.48 0.00	22.52 0.14 0.00	20.79 0.04 0.00	20.52 0.08 0.00	22.38 0.59 0.00	24.62 0.72 0.00	26.97 0.78 0.00	30.99 0.96 0.00	32.84 1.05 0.00	34.82 1.27 0.00	36.57 1.27 0.00	39.63 1.30 0.00	42.08 1.11 0.00	45.15 1.02 0.00	54.15 0.59 0.00	58.78 -0.52 -1.11	64.43 1.36 -1.31	60.36 0.81 -1.82	51.52 0.35 -1.21	43.06 0.71 -0.28	38.84 0.72 0.00	35.15 0.76 0.00	31.52 0.62 0.00
BARRETT_IC_1 23704	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT_IC_10 23701	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT_IC_11 23702	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT_IC_12 23703	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT_IC_2 23705	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT_IC_3 23706	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT_IC_4 23707	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT_IC_5 23708	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT_IC_6 23709	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT_IC_7 23710	35.51 2.42 -6.49	33.21 2.04 -7.11	29.07 1.92 -4.76	22.61 1.87 0.00	22.13 1.70 0.00	23.45 1.66 0.00	25.55 1.65 0.00	30.34 2.25 -1.90	32.77 2.61 -0.13	36.23 2.99 -1.44	36.89 2.99 -0.35	40.88 3.18 -2.40	56.80 3.68 -14.80	65.17 4.01 -20.19	60.90 4.19 -12.57	69.95 5.57 -10.82	84.82 6.34 -20.29	108.49 7.04 -39.70	77.15 6.00 -13.41	60.37 4.80 -5.61	47.00 3.62 -1.32	41.49 3.35 -0.02	59.64 3.13 -22.12	46.20 2.50 -12.80

BARRETT_IC_8 23711	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT_IC_9 23700	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT___1 23545	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BARRETT___2 23546	35.52 2.42 -6.50	33.21 2.04 -7.12	29.08 1.93 -4.77	22.62 1.87 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.55 1.65 -0.01	30.34 2.25 -1.90	32.69 2.52 -0.14	36.23 2.99 -1.44	36.82 2.92 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.85 4.15 -12.57	69.94 5.57 -10.81	84.82 6.34 -20.29	108.54 7.10 -39.69	77.03 5.89 -13.40	60.32 4.75 -5.61	46.96 3.57 -1.32	41.49 3.36 -0.02	59.64 3.13 -22.12	46.57 2.87 -12.80
BATAVIA___115KV_TB1 55881	27.43 0.82 0.00	24.94 0.89 0.00	22.76 0.38 0.00	20.77 0.02 0.00	20.56 0.12 0.00	22.62 0.83 0.00	24.81 0.91 0.00	27.18 1.00 0.00	31.38 1.35 0.00	33.45 1.65 0.00	35.29 1.74 0.00	37.03 1.73 0.00	40.09 1.76 0.00	42.32 1.35 0.00	45.32 1.19 0.00	53.93 0.37 0.00	57.92 -0.99 -0.72	63.00 0.43 -0.80	58.79 -0.06 -1.11	50.55 -0.15 -0.74	42.78 0.55 -0.17	38.77 0.65 0.00	35.25 0.86 0.00	31.80 0.90 0.00
BAYONEEC___CTG1 323682	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.10 1.91 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.47 2.92 0.00	36.67 3.04 1.67	37.18 3.64 4.78	36.86 4.06 8.17	37.96 4.24 10.41	44.62 5.79 14.72	60.60 6.52 4.10	61.98 7.28 7.06	54.88 6.00 8.86	39.32 4.75 15.39	42.43 3.32 2.95	41.28 3.16 0.00	37.14 2.78 0.04	33.59 2.69 0.00
BAYONEEC___CTG10 323750	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.10 1.91 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.47 2.92 0.00	36.67 3.04 1.67	37.18 3.64 4.78	36.86 4.06 8.17	37.96 4.24 10.41	44.62 5.79 14.72	60.60 6.52 4.10	61.98 7.28 7.06	54.88 6.00 8.86	39.32 4.75 15.39	42.43 3.32 2.95	41.28 3.16 0.00	37.14 2.78 0.04	33.59 2.69 0.00
BAYONEEC___CTG2 323683	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.10 1.91 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.47 2.92 0.00	36.67 3.04 1.67	37.18 3.64 4.78	36.86 4.06 8.17	37.96 4.24 10.41	44.62 5.79 14.72	60.60 6.52 4.10	61.98 7.28 7.06	54.88 6.00 8.86	39.32 4.75 15.39	42.43 3.32 2.95	41.28 3.16 0.00	37.14 2.78 0.04	33.59 2.69 0.00
BAYONEEC___CTG3 323684	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.10 1.91 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.47 2.92 0.00	36.67 3.04 1.67	37.18 3.64 4.78	36.86 4.06 8.17	37.96 4.24 10.41	44.62 5.79 14.72	60.60 6.52 4.10	61.98 7.28 7.06	54.88 6.00 8.86	39.32 4.75 15.39	42.43 3.32 2.95	41.28 3.16 0.00	37.14 2.78 0.04	33.59 2.69 0.00
BAYONEEC___CTG4 323685	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.10 1.91 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.47 2.92 0.00	36.67 3.04 1.67	37.18 3.64 4.78	36.86 4.06 8.17	37.96 4.24 10.41	44.62 5.79 14.72	60.60 6.52 4.10	61.98 7.28 7.06	54.88 6.00 8.86	39.32 4.75 15.39	42.43 3.32 2.95	41.28 3.16 0.00	37.14 2.78 0.04	33.59 2.69 0.00
BAYONEEC___CTG5 323686	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.10 1.91 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.47 2.92 0.00	36.67 3.04 1.67	37.18 3.64 4.78	36.86 4.06 8.17	37.96 4.24 10.41	44.62 5.79 14.72	60.60 6.52 4.10	61.98 7.28 7.06	54.88 6.00 8.86	39.32 4.75 15.39	42.43 3.32 2.95	41.28 3.16 0.00	37.14 2.78 0.04	33.59 2.69 0.00
BAYONEEC___CTG6 323687	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.10 1.91 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.47 2.92 0.00	36.67 3.04 1.67	37.18 3.64 4.78	36.86 4.06 8.17	37.96 4.24 10.41	44.62 5.79 14.72	60.60 6.52 4.10	61.98 7.28 7.06	54.88 6.00 8.86	39.32 4.75 15.39	42.43 3.32 2.95	41.28 3.16 0.00	37.14 2.78 0.04	33.59 2.69 0.00
BAYONEEC___CTG7 323688	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.10 1.91 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.47 2.92 0.00	36.67 3.04 1.67	37.18 3.64 4.78	36.86 4.06 8.17	37.96 4.24 10.41	44.62 5.79 14.72	60.60 6.52 4.10	61.98 7.28 7.06	54.88 6.00 8.86	39.32 4.75 15.39	42.43 3.32 2.95	41.28 3.16 0.00	37.14 2.78 0.04	33.59 2.69 0.00
BAYONEEC___CTG8 323689	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.10 1.91 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.47 2.92 0.00	36.67 3.04 1.67	37.18 3.64 4.78	36.86 4.06 8.17	37.96 4.24 10.41	44.62 5.79 14.72	60.60 6.52 4.10	61.98 7.28 7.06	54.88 6.00 8.86	39.32 4.75 15.39	42.43 3.32 2.95	41.28 3.16 0.00	37.14 2.78 0.04	33.59 2.69 0.00
BAYONEEC___CTG9 323749	28.73 2.13 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.10 1.91 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.47 2.92 0.00	36.67 3.04 1.67	37.18 3.64 4.78	36.86 4.06 8.17	37.96 4.24 10.41	44.62 5.79 14.72	60.60 6.52 4.10	61.98 7.28 7.06	54.88 6.00 8.86	39.32 4.75 15.39	42.43 3.32 2.95	41.28 3.16 0.00	37.14 2.78 0.04	33.59 2.69 0.00

BEACON___LESR 323632	27.69 1.09 0.00	24.99 0.94 0.00	23.34 0.96 0.00	21.58 0.83 0.00	21.25 0.82 0.00	22.60 0.81 0.00	24.71 0.81 0.00	27.08 0.89 0.00	31.05 1.02 0.00	33.10 1.30 0.00	35.19 1.64 0.00	37.03 1.73 0.00	40.05 1.73 0.00	42.81 1.85 0.00	46.12 1.99 0.00	55.62 2.46 0.40	67.77 2.79 -6.79	77.80 3.15 -12.90	78.34 2.77 -17.83	64.18 2.35 -11.87	46.72 1.89 -2.77	39.76 1.64 0.00	35.90 1.51 0.00	32.23 1.33 0.00
BEAVER RIVER___HYD 24048	26.68 0.08 0.00	24.12 0.07 0.00	22.40 0.02 0.00	20.73 -0.02 0.00	20.40 -0.04 0.00	21.81 0.02 0.00	23.97 0.07 0.00	26.11 -0.08 0.00	29.97 -0.06 0.00	31.64 -0.16 0.00	33.25 -0.30 0.00	35.02 -0.28 0.00	37.94 -0.38 0.00	40.40 -0.57 0.00	43.47 -0.66 0.00	52.70 -0.86 0.00	57.16 -1.22 -0.20	60.65 -1.11 0.00	56.98 -0.75 0.00	49.62 -0.35 0.00	42.02 -0.04 0.00	38.12 0.00 0.00	34.56 0.17 0.00	31.03 0.12 0.00
BEEBEE_GT_13 23619	27.00 0.40 0.00	24.51 0.46 0.00	22.45 0.07 0.00	20.58 -0.17 0.00	20.33 -0.10 0.00	22.18 0.39 0.00	24.38 0.48 0.00	26.74 0.55 0.00	30.69 0.66 0.00	32.69 0.89 0.00	34.42 0.87 0.00	36.15 0.85 0.00	39.24 0.92 0.00	41.54 0.57 0.00	44.57 0.44 0.00	53.45 -0.11 0.00	57.94 -0.87 -0.63	62.49 0.06 -0.67	58.37 -0.29 -0.92	50.23 -0.35 -0.61	42.42 0.21 -0.14	38.46 0.34 0.00	34.84 0.45 0.00	31.24 0.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.19 2.58 -0.01	26.12 2.07 0.00	24.24 1.86 0.00	22.59 1.85 0.00	22.13 1.70 0.00	23.27 1.48 0.00	25.57 1.67 0.00	28.47 2.28 0.00	32.76 2.73 0.00	35.21 3.40 -0.01	37.21 3.66 -0.01	38.98 3.67 -0.01	42.83 4.45 -0.06	80.46 4.83 -34.66	58.87 4.99 -9.76	83.34 6.59 -23.20	94.83 7.33 -29.31	143.03 8.21 -73.05	79.09 6.93 -14.42	78.79 5.40 -23.43	47.38 3.95 -1.36	42.02 3.85 -0.06	44.14 3.51 -6.24	35.38 2.78 -1.69
BETHLEHEM___GRP 23843	27.16 0.56 0.00	24.53 0.48 0.00	22.94 0.56 0.00	21.27 0.52 0.00	20.95 0.51 0.00	22.18 0.39 0.00	24.23 0.33 0.00	26.53 0.34 0.00	30.45 0.42 0.00	32.43 0.64 0.00	34.35 0.81 0.00	36.19 0.88 0.00	39.17 0.84 0.00	41.99 1.02 0.00	45.19 1.06 0.00	54.57 1.39 0.38	66.62 1.63 -6.81	76.26 1.85 -12.65	76.72 1.50 -17.49	62.90 1.30 -11.64	45.74 0.97 -2.71	38.99 0.88 0.00	35.18 0.79 0.00	31.46 0.56 0.00
BETHLEHEM___GS1 323560	27.16 0.56 0.00	24.53 0.48 0.00	22.94 0.56 0.00	21.24 0.50 0.00	20.93 0.49 0.00	22.18 0.39 0.00	24.23 0.33 0.00	26.53 0.34 0.00	30.42 0.39 0.00	32.43 0.64 0.00	34.35 0.80 0.00	36.15 0.85 0.00	39.17 0.84 0.00	41.95 0.98 0.00	45.19 1.06 0.00	54.56 1.39 0.38	66.62 1.63 -6.81	76.26 1.85 -12.65	76.67 1.44 -17.49	62.90 1.30 -11.64	45.74 0.97 -2.71	38.99 0.88 0.00	35.18 0.79 0.00	31.64 0.74 0.00
BETHLEHEM___GS2 323561	27.16 0.56 0.00	24.53 0.48 0.00	22.94 0.56 0.00	21.24 0.50 0.00	20.93 0.49 0.00	22.18 0.39 0.00	24.23 0.33 0.00	26.53 0.34 0.00	30.42 0.39 0.00	32.43 0.64 0.00	34.35 0.80 0.00	36.15 0.85 0.00	39.17 0.84 0.00	41.95 0.98 0.00	45.19 1.06 0.00	54.56 1.39 0.38	66.62 1.63 -6.81	76.26 1.85 -12.65	76.67 1.44 -17.49	62.90 1.30 -11.64	45.74 0.97 -2.71	38.99 0.88 0.00	35.18 0.79 0.00	31.64 0.74 0.00
BETHLEHEM___GS3 323562	27.16 0.56 0.00	24.53 0.48 0.00	22.94 0.56 0.00	21.24 0.50 0.00	20.93 0.49 0.00	22.18 0.39 0.00	24.23 0.33 0.00	26.53 0.34 0.00	30.42 0.39 0.00	32.43 0.64 0.00	34.35 0.80 0.00	36.15 0.85 0.00	39.17 0.84 0.00	41.95 0.98 0.00	45.19 1.06 0.00	54.56 1.39 0.38	66.62 1.63 -6.81	76.26 1.85 -12.65	76.67 1.44 -17.49	62.90 1.30 -11.64	45.74 0.97 -2.71	38.99 0.88 0.00	35.18 0.79 0.00	31.64 0.74 0.00
BETHLEHEM___STEEL 23779	27.11 0.51 0.00	24.61 0.55 0.00	22.47 0.09 0.00	20.54 -0.21 0.00	20.31 -0.12 0.00	22.38 0.59 0.00	24.62 0.72 0.00	26.95 0.76 0.00	30.87 0.84 0.00	32.94 1.14 0.00	34.72 1.17 0.00	36.43 1.13 0.00	39.55 1.23 0.00	41.75 0.78 0.00	44.70 0.57 0.00	53.56 0.00 0.00	57.06 -1.98 -0.85	63.09 0.37 -0.96	58.78 -0.29 -1.33	50.20 -0.65 -0.89	42.27 0.00 -0.21	38.31 0.19 0.00	34.94 0.55 0.00	31.55 0.65 0.00
BETHLHEM_115KV_TB1 79974	27.24 0.64 0.00	24.61 0.55 0.00	22.99 0.60 0.00	21.31 0.56 0.00	20.99 0.55 0.00	22.25 0.46 0.00	24.31 0.41 0.00	26.63 0.45 0.00	30.57 0.54 0.00	32.53 0.73 0.00	34.45 0.91 0.00	36.29 0.99 0.00	39.28 0.96 0.00	42.12 1.15 0.00	45.32 1.19 0.00	54.69 1.50 0.36	66.80 1.80 -6.81	76.16 2.04 -12.37	76.45 1.62 -17.10	62.79 1.45 -11.38	45.81 1.09 -2.65	39.11 0.99 0.00	35.28 0.89 0.00	31.55 0.65 0.00
BETHPAGE_CC_5 323564	35.72 2.63 -6.49	33.40 2.24 -7.11	29.27 2.13 -4.76	22.76 2.01 0.00	22.28 1.84 0.00	23.60 1.81 0.00	25.72 1.82 0.00	30.57 2.49 -1.90	32.92 2.76 -0.13	36.64 3.40 -1.44	37.52 3.39 -0.58	41.26 3.53 -2.43	57.18 4.06 -14.80	66.49 4.47 -21.05	62.48 4.72 -13.62	72.92 6.26 -13.11	88.06 7.10 -22.77	111.65 7.84 -42.04	79.97 6.64 -15.60	63.77 5.40 -8.41	48.55 3.95 -2.53	42.86 3.74 -1.00	42.09 3.37 -4.33	38.36 3.12 -4.33
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.16 0.56 0.00	24.63 0.58 0.00	22.49 0.11 0.00	20.56 -0.19 0.00	20.33 -0.10 0.00	22.42 0.63 0.00	24.66 0.76 0.00	27.00 0.81 0.00	30.93 0.90 0.00	33.04 1.24 0.00	34.82 1.27 0.00	36.54 1.24 0.00	39.67 1.34 0.00	41.91 0.94 0.00	44.88 0.75 0.00	53.77 0.21 0.00	57.19 -1.86 -0.86	63.35 0.62 -0.98	59.03 -0.06 -1.35	50.36 -0.50 -0.90	42.40 0.13 -0.21	38.42 0.30 0.00	35.01 0.62 0.00	31.61 0.71 0.00
BINGHAMTON___COGEN 23790	27.08 0.48 0.00	24.46 0.41 0.00	22.63 0.25 0.00	20.91 0.17 0.00	20.62 0.18 0.00	22.21 0.41 0.00	24.38 0.48 0.00	26.74 0.55 0.00	30.66 0.63 0.00	32.62 0.83 0.00	34.45 0.91 0.00	36.26 0.95 0.00	39.40 1.07 0.00	42.03 1.07 0.00	45.19 1.06 0.00	54.63 1.07 0.00	60.55 0.76 -1.61	65.40 1.61 -2.04	61.77 1.21 -2.82	52.69 0.85 -1.88	43.34 0.84 -0.44	38.96 0.84 0.00	35.11 0.72 0.00	31.43 0.53 0.00
BIXINCNT_115KV_LOAD 355685	27.05 0.45 0.00	24.51 0.46 0.00	22.38 0.00 0.00	20.54 -0.21 0.00	20.31 -0.12 0.00	22.38 0.59 0.00	24.66 0.76 0.00	27.08 0.89 0.00	30.96 0.93 0.00	33.10 1.30 0.00	34.96 1.41 0.00	36.65 1.34 0.00	39.78 1.46 0.00	42.03 1.07 0.00	44.97 0.84 0.00	53.82 0.27 0.00	57.06 -2.04 -0.91	63.54 0.74 -1.04	59.29 0.12 -1.44	50.47 -0.45 -0.96	42.46 0.17 -0.22	38.54 0.42 0.00	35.11 0.72 0.00	31.64 0.74 0.00
BLACK RIVER___HYD 24047	26.79 0.19 0.00	24.22 0.17 0.00	22.45 0.07 0.00	20.75 0.00 0.00	20.44 0.00 0.00	21.86 0.07 0.00	24.02 0.12 0.00	26.11 -0.08 0.00	30.06 0.03 0.00	31.80 0.00 0.00	33.51 -0.03 0.00	35.34 0.04 0.00	38.29 -0.04 0.00	40.68 -0.28 0.00	43.73 -0.40 0.00	52.92 -0.64 0.00	57.30 -1.16 -0.27	60.89 -0.86 0.00	57.27 -0.46 0.00	49.91 -0.05 0.00	42.36 0.30 0.00	38.42 0.30 0.00	34.70 0.31 0.00	31.12 0.22 0.00

BLACKRVR_115KV_TB2 79977	26.79 0.19 0.00	24.22 0.17 0.00	22.45 0.07 0.00	20.75 0.00 0.00	20.42 -0.02 0.00	21.86 0.07 0.00	24.02 0.12 0.00	26.11 -0.08 0.00	30.06 0.03 0.00	31.80 0.00 0.00	33.48 -0.07 0.00	35.34 0.04 0.00	38.29 -0.04 0.00	40.68 -0.29 0.00	43.73 -0.40 0.00	52.86 -0.70 0.00	57.30 -1.16 -0.27	60.89 -0.86 0.00	57.27 -0.46 0.00	49.91 -0.05 0.00	42.32 0.25 0.00	38.42 0.30 0.00	34.70 0.31 0.00	31.15 0.25 0.00
BLISS_WT_PWR 323608	27.00 0.40 0.00	24.49 0.43 0.00	22.36 -0.02 0.00	20.62 -0.12 0.00	20.33 -0.10 0.00	22.38 0.59 0.00	24.69 0.79 0.00	27.10 0.92 0.00	31.11 1.08 0.00	33.13 1.34 0.00	35.13 1.58 0.00	36.86 1.55 0.00	39.78 1.46 0.00	42.08 1.11 0.00	45.01 0.88 0.00	53.82 0.27 0.00	57.01 -2.09 -0.91	63.60 0.80 -1.04	59.29 0.12 -1.44	50.47 -0.45 -0.96	42.54 0.25 -0.22	38.58 0.46 0.00	35.11 0.72 0.00	31.52 0.62 0.00
BLUE_CIRC_CHEM_DRP 24182	27.61 1.01 0.00	24.94 0.89 0.00	23.32 0.94 0.00	21.60 0.85 0.00	21.27 0.84 0.00	22.55 0.76 0.00	24.66 0.76 0.00	26.97 0.79 0.00	30.96 0.93 0.00	32.94 1.14 0.00	34.89 1.34 0.00	36.75 1.45 0.00	39.63 1.30 0.00	42.48 1.52 0.00	45.72 1.59 0.00	55.21 1.93 0.27	67.07 2.15 -6.73	75.23 2.41 -11.07	75.17 2.14 -15.30	62.04 1.90 -10.18	45.99 1.56 -2.37	39.49 1.37 0.00	35.73 1.34 0.00	31.98 1.08 0.00
BOC_GAS_DRP 24189	27.40 0.80 0.00	24.73 0.67 0.00	23.12 0.74 0.00	21.43 0.68 0.00	21.11 0.67 0.00	22.38 0.59 0.00	24.50 0.60 0.00	26.82 0.63 0.00	30.78 0.75 0.00	32.75 0.95 0.00	34.66 1.11 0.00	36.50 1.20 0.00	39.51 1.19 0.00	42.36 1.39 0.00	45.59 1.46 0.00	55.17 1.87 0.26	67.18 2.15 -6.84	74.92 2.35 -10.82	74.59 1.91 -14.95	61.61 1.70 -9.95	45.69 1.30 -2.32	39.26 1.14 0.00	35.46 1.07 0.00	31.74 0.83 0.00
BOONVILLE_115KV_TB1 79983	27.08 0.48 0.00	24.48 0.43 0.00	22.74 0.36 0.00	21.04 0.29 0.00	20.72 0.29 0.00	22.12 0.33 0.00	24.31 0.41 0.00	26.58 0.39 0.00	30.48 0.45 0.00	32.37 0.57 0.00	34.29 0.74 0.00	36.08 0.78 0.00	39.13 0.80 0.00	41.75 0.78 0.00	44.92 0.79 0.00	54.25 0.70 0.00	59.12 0.76 -0.17	62.81 1.05 0.00	58.72 0.98 0.00	50.96 1.00 0.00	42.99 0.93 0.00	38.96 0.84 0.00	35.11 0.72 0.00	31.49 0.59 0.00
BORALEX_4TH_BRANCH 23824	27.83 1.22 0.00	25.14 1.08 0.00	23.55 1.16 0.00	21.78 1.04 0.00	21.52 1.08 0.00	22.84 1.05 0.00	24.95 1.05 0.00	27.26 1.07 0.00	31.23 1.20 0.00	33.23 1.43 0.00	35.13 1.58 0.00	36.96 1.66 0.00	40.24 1.92 0.00	43.22 2.25 0.00	46.56 2.43 0.00	55.60 2.94 0.90	68.32 3.55 -6.58	81.58 3.96 -15.86	83.01 3.35 -21.93	67.66 3.10 -14.60	47.90 2.44 -3.40	40.17 2.06 0.00	36.04 1.65 0.00	32.45 1.54 0.00
BOWLINE___1 23526	28.20 1.60 0.00	25.42 1.37 0.00	23.66 1.28 0.00	22.01 1.27 0.00	21.62 1.18 0.00	22.84 1.05 0.00	25.12 1.22 0.00	27.60 1.41 0.00	31.65 1.62 0.00	33.89 2.10 0.00	35.83 2.28 0.00	37.71 2.40 0.00	41.20 2.88 0.00	44.20 3.24 0.00	47.53 3.40 0.00	58.50 4.61 -0.34	68.92 5.35 -5.38	73.52 5.93 -5.84	70.66 4.85 -8.07	59.18 3.85 -5.37	46.05 2.73 -1.25	40.63 2.52 0.00	36.52 2.13 0.00	32.88 1.98 0.00
BOWLINE___2 23595	28.22 1.62 0.00	25.45 1.39 0.00	23.68 1.30 0.00	22.03 1.29 0.00	21.62 1.18 0.00	22.86 1.07 0.00	25.12 1.22 0.00	27.63 1.44 0.00	31.71 1.68 0.00	33.96 2.16 0.00	35.90 2.35 0.00	37.74 2.43 0.00	41.28 2.95 0.00	44.25 3.28 0.00	47.62 3.49 0.00	58.61 4.71 -0.34	69.04 5.47 -5.38	73.65 6.06 -5.84	70.77 4.97 -8.07	59.28 3.95 -5.37	46.09 2.78 -1.25	40.71 2.59 0.00	36.59 2.20 0.00	32.94 2.04 0.00
BRADY___115KV_TB2 356060	26.60 0.00 0.00	24.10 0.05 0.00	22.45 0.07 0.00	20.81 0.06 0.00	20.48 0.04 0.00	21.84 0.04 0.00	24.00 0.10 0.00	26.21 0.03 0.00	29.85 -0.18 0.00	31.32 -0.48 0.00	32.94 -0.60 0.00	34.74 -0.56 0.00	37.60 -0.73 0.00	40.07 -0.90 0.00	43.29 -0.84 0.00	52.65 -0.91 0.00	56.96 -1.22 0.00	60.09 -1.67 0.00	56.70 -1.04 0.00	49.26 -0.70 0.00	41.64 -0.42 0.00	37.70 -0.42 0.00	34.32 -0.07 0.00	31.06 0.15 0.00
BRANSCOMB___SOLAR 323811	28.06 1.46 0.00	25.35 1.30 0.00	23.68 1.30 0.00	21.89 1.14 0.00	21.58 1.14 0.00	22.92 1.13 0.00	25.07 1.17 0.00	27.42 1.23 0.00	31.38 1.35 0.00	33.42 1.62 0.00	35.43 1.88 0.00	37.32 2.01 0.00	40.62 2.30 0.00	43.47 2.50 0.00	46.82 2.69 0.00	56.33 3.27 0.49	69.05 3.84 -7.02	85.49 4.26 -19.47	88.70 4.04 -26.92	71.43 3.55 -17.92	49.35 3.11 -4.18	40.71 2.59 0.00	36.49 2.10 0.00	32.73 1.82 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.20 3.11 -6.49	33.86 2.69 -7.11	29.65 2.51 -4.76	23.15 2.41 0.00	22.64 2.21 0.00	24.04 2.24 0.00	26.10 2.20 0.00	31.02 2.93 -1.90	33.55 3.39 -0.13	37.09 3.85 -1.44	40.61 3.69 -3.37	41.63 3.74 -2.59	57.30 4.18 -14.80	71.01 4.63 -25.42	71.14 4.94 -22.07	88.00 6.43 -28.02	100.10 7.33 -34.59	123.15 8.15 -53.24	90.79 6.99 -26.07	89.76 5.65 -34.15	60.09 4.21 -13.82	53.62 3.85 -11.65	63.28 3.75 -25.14	48.19 3.21 -14.07
BRISTLHL_115KV_TB1 79998	26.23 -0.37 0.00	23.74 -0.31 0.00	22.00 -0.38 0.00	20.35 -0.39 0.00	20.07 -0.37 0.00	21.51 -0.28 0.00	23.59 -0.31 0.00	25.82 -0.37 0.00	29.61 -0.42 0.00	31.38 -0.41 0.00	33.11 -0.44 0.00	34.78 -0.53 0.00	37.83 -0.50 0.00	40.35 -0.61 0.00	43.42 -0.71 0.00	52.43 -1.12 0.00	57.32 -1.28 -0.41	60.71 -1.05 0.00	56.58 -1.15 0.00	48.91 -1.05 0.00	41.31 -0.76 0.00	37.55 -0.57 0.00	33.87 -0.52 0.00	30.38 -0.53 0.00
BROOKHAVEN___DRP 24191	36.05 2.95 -6.50	33.69 2.53 -7.11	29.52 2.37 -4.76	23.01 2.26 0.00	22.48 2.04 0.00	23.86 2.07 0.00	25.91 2.01 0.00	30.83 2.75 -1.90	33.25 3.09 -0.13	36.91 3.66 -1.45	39.98 3.62 -2.81	43.63 3.74 -4.58	57.46 4.33 -14.81	95.36 4.79 -49.59	125.64 5.12 -76.39	215.17 6.69 -154.92	248.82 7.45 -183.18	264.01 8.15 -194.10	222.78 7.16 -157.88	225.59 5.90 -169.74	118.99 4.42 -72.50	97.79 4.04 -55.63	45.98 3.65 -7.95	39.91 3.00 -6.01
BROOKLYN_NAVY_YARD 23515	28.78 2.18 0.00	25.83 1.78 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.93 1.49 0.00	23.10 1.31 0.00	25.43 1.53 0.00	28.15 1.97 0.00	32.34 2.31 0.00	34.72 2.92 0.00	36.53 2.98 0.00	38.41 3.11 0.00	42.04 3.72 0.00	45.11 4.14 0.00	48.50 4.37 0.00	59.92 6.00 -0.37	77.92 6.75 -12.99	78.66 7.53 -9.37	72.37 6.24 -8.40	60.50 4.95 -5.59	46.82 3.45 -1.30	41.36 3.24 0.00	37.31 2.92 0.00	33.65 2.75 0.00
BROOKLYN___ARMY_DRP 323595	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1.75 0.00	22.49 1.74 0.00	22.03 1.59 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.33 2.15 0.00	32.58 2.55 0.00	35.02 3.21 -0.01	36.98 3.42 -0.01	38.77 3.46 -0.01	42.56 4.18 -0.06	80.13 4.51 -34.66	58.57 4.68 -9.76	82.91 6.16 -23.20	94.36 6.87 -29.31	142.47 7.66 -73.05	78.57 6.41 -14.42	78.39 5.00 -23.43	47.04 3.62 -1.36	41.76 3.58 -0.06	43.89 3.27 -6.24	35.19 2.60 -1.69

BROOKVLE_69_KV_TB1 55790	35.67 2.58 -6.49	33.33 2.16 -7.11	29.18 2.04 -4.76	22.70 1.95 0.00	22.23 1.80 0.00	23.54 1.74 0.00	25.74 1.84 0.00	30.49 2.41 -1.90	33.01 2.85 -0.13	36.67 3.43 -1.44	37.62 3.72 -0.35	41.55 3.85 -2.40	57.61 4.48 -14.80	66.11 4.96 -20.19	61.95 5.25 -12.57	71.13 6.75 -10.82	86.10 7.62 -20.29	109.91 8.46 -39.70	78.30 7.16 -13.41	61.37 5.80 -5.61	47.67 4.29 -1.32	42.06 3.93 -0.02	42.06 3.47 -4.19	38.03 2.84 -4.28
BROOME_2_LFGE 323671	27.08 0.48 0.00	24.46 0.41 0.00	22.63 0.25 0.00	20.95 0.21 0.00	20.64 0.20 0.00	22.18 0.39 0.00	24.38 0.48 0.00	26.74 0.55 0.00	30.69 0.66 0.00	32.62 0.83 0.00	34.49 0.94 0.00	36.29 0.99 0.00	39.40 1.07 0.00	42.03 1.06 0.00	45.23 1.10 0.00	54.63 1.07 0.00	60.55 0.75 -1.61	65.47 1.67 -2.04	61.77 1.21 -2.82	52.69 0.85 -1.88	43.34 0.84 -0.44	38.95 0.84 0.00	35.11 0.72 0.00	31.49 0.59 0.00
BROOME___LFGE 323600	27.08 0.48 0.00	24.46 0.41 0.00	22.63 0.25 0.00	20.95 0.21 0.00	20.64 0.20 0.00	22.18 0.39 0.00	24.38 0.48 0.00	26.74 0.55 0.00	30.69 0.66 0.00	32.62 0.83 0.00	34.49 0.94 0.00	36.29 0.99 0.00	39.40 1.07 0.00	42.03 1.06 0.00	45.23 1.10 0.00	54.63 1.07 0.00	60.55 0.75 -1.61	65.47 1.67 -2.04	61.77 1.21 -2.82	52.69 0.85 -1.88	43.34 0.84 -0.44	38.95 0.84 0.00	35.11 0.72 0.00	31.49 0.59 0.00
BROWNFLS_115KV_TB_3_5 80003	26.50 -0.11 0.00	23.98 -0.07 0.00	22.29 -0.09 0.00	20.64 -0.10 0.00	20.31 -0.12 0.00	21.71 -0.09 0.00	23.88 -0.02 0.00	26.06 -0.13 0.00	29.79 -0.24 0.00	31.29 -0.51 0.00	32.81 -0.74 0.00	34.53 -0.78 0.00	37.40 -0.92 0.00	39.78 -1.19 0.00	42.85 -1.28 0.00	52.06 -1.50 0.00	56.47 -1.86 -0.14	59.72 -2.04 0.00	56.23 -1.50 0.00	48.91 -1.05 0.00	41.39 -0.67 0.00	37.55 -0.57 0.00	34.29 -0.10 0.00	30.90 0.00 0.00
BROWNSV1_27_KV_LOAD 356125	29.05 2.45 0.00	26.05 2.00 0.00	24.22 1.84 0.00	22.59 1.85 0.00	22.15 1.72 0.00	23.34 1.55 0.00	25.64 1.74 0.00	28.41 2.23 0.00	32.70 2.67 0.00	35.04 3.24 0.00	37.00 3.46 0.00	38.87 3.57 0.00	42.54 4.22 0.00	45.64 4.67 0.00	49.07 4.94 0.00	60.56 6.64 -0.37	78.62 7.45 -12.99	79.40 8.28 -9.37	73.18 7.04 -8.40	61.15 5.60 -5.59	47.36 4.00 -1.30	41.81 3.70 0.00	37.66 3.27 0.00	33.50 2.60 0.00
BURROWS___LYONSDAL 23803	26.97 0.37 0.00	24.39 0.34 0.00	22.65 0.27 0.00	20.95 0.21 0.00	20.62 0.18 0.00	22.03 0.24 0.00	24.21 0.31 0.00	26.45 0.26 0.00	30.36 0.33 0.00	32.18 0.38 0.00	34.02 0.47 0.00	35.80 0.49 0.00	38.82 0.50 0.00	41.42 0.45 0.00	44.53 0.40 0.00	53.82 0.27 0.00	58.60 0.23 -0.18	62.25 0.49 0.00	58.31 0.58 0.00	50.61 0.65 0.00	42.74 0.67 0.00	38.73 0.61 0.00	34.97 0.58 0.00	31.37 0.46 0.00
CAITHNESS_CC_1 323624	36.02 2.93 -6.50	33.66 2.50 -7.11	29.50 2.35 -4.76	22.97 2.22 0.00	22.46 2.02 0.00	23.82 2.03 0.00	25.91 2.01 0.00	30.81 2.72 -1.90	33.04 2.88 -0.13	36.84 3.59 -1.45	39.80 3.46 -2.80	43.47 3.64 -4.53	57.31 4.18 -14.81	114.38 4.59 -68.82	124.38 4.90 -75.35	211.88 6.53 -151.79	244.30 7.21 -178.90	259.69 7.91 -190.02	218.64 6.87 -154.04	223.65 5.69 -168.00	118.00 4.17 -71.77	97.35 3.89 -55.35	45.86 3.54 -7.93	40.22 3.31 -6.00
CALPINE BETH_PAGE_GT4 24209	35.70 2.61 -6.49	33.37 2.21 -7.11	29.27 2.13 -4.76	22.78 2.03 0.00	22.30 1.86 0.00	23.62 1.83 0.00	25.74 1.84 0.00	30.57 2.49 -1.90	33.01 2.85 -0.13	36.64 3.40 -1.44	37.49 3.42 -0.52	41.29 3.57 -2.42	57.19 4.06 -14.80	65.66 4.51 -20.19	62.25 4.77 -13.36	72.29 6.21 -12.53	87.43 7.10 -22.14	111.05 7.84 -41.45	79.48 6.70 -15.05	63.06 5.40 -7.70	48.28 4.00 -2.23	42.60 3.74 -0.75	42.30 3.37 -4.54	38.03 2.69 -4.44
CALPINE_BETH_PAGE_GT_4 323586	35.70 2.61 -6.49	33.37 2.21 -7.11	29.27 2.13 -4.76	22.78 2.03 0.00	22.28 1.84 0.00	23.60 1.81 0.00	25.74 1.84 0.00	30.57 2.49 -1.90	32.92 2.76 -0.13	36.64 3.40 -1.44	37.42 3.35 -0.52	41.26 3.53 -2.42	57.23 4.10 -14.80	66.27 4.47 -20.83	62.25 4.77 -13.36	72.40 6.32 -12.53	87.43 7.10 -22.14	111.05 7.84 -41.45	79.42 6.64 -15.05	63.06 5.40 -7.70	48.24 3.95 -2.23	42.61 3.74 -0.75	42.31 3.37 -4.54	38.40 3.06 -4.44
CALPINE_BP_GT1 23823	35.70 2.61 -6.49	33.37 2.21 -7.11	29.27 2.13 -4.76	22.78 2.03 0.00	22.28 1.84 0.00	23.60 1.81 0.00	25.74 1.84 0.00	30.57 2.49 -1.90	32.92 2.76 -0.13	36.64 3.40 -1.44	37.42 3.35 -0.52	41.26 3.53 -2.42	57.23 4.10 -14.80	66.27 4.47 -20.83	62.25 4.77 -13.36	72.40 6.32 -12.53	87.43 7.10 -22.14	111.05 7.84 -41.45	79.42 6.64 -15.05	63.06 5.40 -7.70	48.24 3.95 -2.23	42.61 3.74 -0.75	42.31 3.37 -4.54	38.40 3.06 -4.44
CALSPAN___DRP 24200	27.11 0.51 0.00	24.61 0.55 0.00	22.47 0.09 0.00	20.54 -0.21 0.00	20.31 -0.12 0.00	22.38 0.59 0.00	24.62 0.72 0.00	26.95 0.76 0.00	30.87 0.84 0.00	32.94 1.14 0.00	34.72 1.17 0.00	36.43 1.13 0.00	39.55 1.23 0.00	41.75 0.78 0.00	44.70 0.57 0.00	53.56 0.00 -0.85	57.06 0.00 -0.96	63.09 0.37 -1.33	58.78 -0.29 -0.89	50.20 -0.65 -0.89	42.27 0.00 -0.21	38.31 0.19 0.00	34.94 0.55 0.00	31.55 0.65 0.00
CALVERTON___SOLAR 323806	36.18 3.08 -6.50	33.81 2.65 -7.11	29.61 2.46 -4.76	23.05 2.30 0.00	22.54 2.11 0.00	23.91 2.11 0.00	26.00 2.10 0.00	30.91 2.83 -1.90	33.22 3.06 -0.13	37.06 3.81 -1.45	40.11 3.76 -2.81	43.89 3.99 -4.60	57.73 4.60 -14.81	115.19 5.04 -69.18	126.26 5.43 -76.70	216.55 7.18 -155.81	250.54 7.85 -184.50	265.68 8.58 -195.34	224.33 7.56 -159.03	226.70 6.30 -170.44	119.53 4.67 -72.80	98.14 4.27 -55.76	46.22 3.88 -7.95	40.47 3.55 -6.01
CANDIGU_WT_PWR 323617	27.11 0.50 0.00	24.53 0.48 0.00	22.52 0.14 0.00	20.79 0.04 0.00	20.52 0.08 0.00	22.38 0.59 0.00	24.62 0.72 0.00	26.97 0.78 0.00	30.99 0.96 0.00	32.84 1.05 0.00	34.82 1.27 0.00	36.57 1.27 0.00	39.63 1.30 0.00	42.08 1.11 0.00	45.15 1.02 0.00	54.15 0.59 0.00	58.78 -0.52 -1.11	64.43 1.36 -1.31	60.36 0.81 -1.82	51.52 0.35 -1.21	43.06 0.71 -0.28	38.84 0.72 0.00	35.15 0.76 0.00	31.52 0.62 0.00
CARR STREET_E_SYP 24060	26.47 -0.13 0.00	23.93 -0.12 0.00	22.18 -0.20 0.00	20.54 -0.21 0.00	20.23 -0.20 0.00	21.68 -0.11 0.00	23.80 -0.10 0.00	26.11 -0.08 0.00	29.91 -0.12 0.00	31.64 -0.16 0.00	33.45 -0.10 0.00	35.20 -0.11 0.00	38.17 -0.15 0.00	40.77 -0.20 0.00	43.91 -0.22 0.00	53.02 -0.54 0.00	57.96 -0.70 -0.47	61.33 -0.43 0.00	57.16 -0.58 0.00	49.37 -0.60 0.00	41.68 -0.38 0.00	37.85 -0.26 0.00	34.11 -0.28 0.00	30.56 -0.34 0.00
CARTHAGE___PAPER 23857	26.68 0.08 0.00	24.12 0.07 0.00	22.38 0.00 0.00	20.71 -0.04 0.00	20.37 -0.06 0.00	21.79 0.00 0.00	23.97 0.07 0.00	26.06 -0.13 0.00	29.94 -0.09 0.00	31.61 -0.19 0.00	33.25 -0.30 0.00	35.06 -0.25 0.00	37.98 -0.35 0.00	40.40 -0.57 0.00	43.47 -0.66 0.00	52.64 -0.91 0.00	57.15 -1.28 -0.25	60.65 -1.11 0.00	57.10 -0.63 0.00	49.71 -0.25 0.00	42.15 0.08 0.00	38.23 0.11 0.00	34.60 0.21 0.00	31.03 0.12 0.00

CASSADAGA_WT_PWR 323784	27.59 0.98 0.00	25.09 1.03 0.00	22.92 0.54 0.00	21.22 0.48 0.00	20.93 0.49 0.00	23.08 1.29 0.00	25.41 1.51 0.00	27.97 1.78 0.00	32.13 2.10 0.00	34.18 2.39 0.00	36.30 2.75 0.00	37.99 2.68 0.00	40.97 2.64 0.00	43.30 2.33 0.00	46.38 2.25 0.00	55.38 1.82 0.00	59.08 0.00 -0.89	65.49 2.71 -1.02	60.93 1.79 -1.40	51.84 0.95 -0.93	43.67 1.39 -0.22	39.64 1.53 0.00	36.04 1.65 0.00	32.20 1.30 0.00
CE_DUNWOOD___DRP 24194	28.49 1.89 0.00	25.62 1.56 0.00	23.86 1.48 0.00	22.22 1.47 0.00	21.81 1.37 0.00	23.06 1.26 0.00	25.31 1.41 0.00	27.92 1.73 0.00	32.10 2.07 0.00	34.34 2.54 0.00	36.33 2.78 0.00	38.20 2.89 0.00	41.74 3.41 0.00	44.78 3.81 0.00	48.19 4.06 0.00	59.28 5.36 -0.37	77.33 6.17 -12.97	77.90 6.79 -9.35	71.83 5.72 -8.38	60.14 4.60 -5.58	46.64 3.28 -1.30	41.09 2.97 0.00	36.93 2.54 0.00	32.91 2.01 0.00
CE_MILLWOOD___DRP 24193	28.41 1.81 0.00	25.54 1.49 0.00	23.81 1.43 0.00	22.16 1.41 0.00	21.74 1.31 0.00	22.99 1.20 0.00	25.24 1.34 0.00	27.81 1.62 0.00	31.98 1.95 0.00	34.21 2.42 0.00	36.20 2.65 0.00	38.09 2.79 0.00	41.58 3.26 0.00	44.62 3.65 0.00	48.01 3.88 0.00	59.06 5.14 -0.36	77.07 5.94 -12.95	77.63 6.55 -9.32	71.56 5.48 -8.34	59.91 4.40 -5.55	46.51 3.15 -1.29	40.98 2.86 0.00	36.83 2.44 0.00	32.82 1.92 0.00
CE_NYC2_DRP 24202	28.86 2.26 0.00	25.88 1.83 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.17 1.37 0.00	25.43 1.53 0.00	28.26 2.07 0.00	32.43 2.40 0.00	34.82 3.02 -0.01	36.78 3.22 -0.01	38.56 3.25 -0.01	42.20 3.87 0.00	45.23 4.26 0.00	48.50 4.37 0.00	59.71 5.78 -0.37	77.64 6.46 -12.99	77.41 7.23 -8.43	70.04 6.00 -6.31	53.40 4.65 1.21	46.69 3.32 -1.30	41.40 3.28 0.00	37.42 3.03 -0.01	33.32 2.41 -0.01
CE_NYC_DRP 24195	28.76 2.15 0.00	25.81 1.76 0.00	24.02 1.63 0.00	22.41 1.66 0.00	21.97 1.53 0.00	23.14 1.35 0.00	25.43 1.53 0.00	28.15 1.96 0.00	32.40 2.37 0.00	34.69 2.89 0.00	36.67 3.12 0.00	38.48 3.18 0.00	42.08 3.76 0.00	45.15 4.18 0.00	48.54 4.41 0.00	59.87 5.94 -0.37	77.93 6.75 -12.99	78.66 7.53 -9.37	72.43 6.29 -8.40	60.50 4.95 -5.59	46.86 3.49 -1.30	41.40 3.28 0.00	37.24 2.85 0.00	33.19 2.29 0.00
CHAFFEE___LFGE 323603	27.24 0.64 0.00	24.72 0.67 0.00	22.56 0.18 0.00	20.75 0.00 0.00	20.44 0.00 0.00	22.49 0.70 0.00	24.74 0.84 0.00	27.10 0.92 0.00	31.20 1.17 0.00	33.13 1.34 0.00	35.13 1.58 0.00	36.93 1.62 0.00	39.86 1.53 0.00	42.16 1.19 0.00	45.19 1.06 0.00	53.93 0.38 0.00	57.44 -1.63 -0.88	63.75 0.99 -1.00	59.41 0.29 -1.39	50.69 -0.20 -0.92	42.66 0.38 -0.22	38.58 0.46 0.00	35.15 0.76 0.00	31.52 0.62 0.00
CHATEAUG_35_KV_LOAD 355732	25.94 -0.67 0.00	23.52 -0.53 0.00	21.96 -0.43 0.00	20.44 -0.31 0.00	20.11 -0.33 0.00	21.53 -0.26 0.00	23.78 -0.12 0.00	26.16 -0.03 0.00	29.91 -0.12 0.00	31.32 -0.48 0.00	32.84 -0.70 0.00	34.67 -0.64 0.00	37.56 -0.77 0.00	40.15 -0.82 0.00	43.60 -0.53 0.00	53.50 -0.05 0.00	57.84 -0.35 0.00	61.14 -0.62 0.00	57.91 0.17 0.00	50.36 0.40 0.00	42.61 0.55 0.00	38.38 0.27 0.00	34.84 0.45 0.00	31.52 0.62 0.00
CHATEAUG_WT_PWR 323614	25.94 -0.66 0.00	23.52 -0.53 0.00	21.96 -0.43 0.00	20.37 -0.37 0.00	20.11 -0.33 0.00	21.53 -0.26 0.00	23.78 -0.12 0.00	26.16 -0.03 0.00	29.91 -0.12 0.00	31.38 -0.41 0.00	32.88 -0.67 0.00	34.70 -0.60 0.00	37.64 -0.69 0.00	40.19 -0.78 0.00	43.60 -0.53 0.00	53.34 -0.21 0.00	57.84 -0.35 0.00	61.14 -0.62 0.00	57.97 0.23 0.00	50.36 0.40 0.00	42.61 0.55 0.00	38.39 0.27 0.00	34.87 0.48 0.00	31.34 0.43 0.00
CHAT_HIGH_FALL_HYD 323578	25.94 -0.66 0.00	23.52 -0.53 0.00	21.96 -0.43 0.00	20.37 -0.37 0.00	20.11 -0.33 0.00	21.53 -0.26 0.00	23.78 -0.12 0.00	26.16 -0.03 0.00	29.88 -0.15 0.00	31.32 -0.48 0.00	32.81 -0.74 0.00	34.67 -0.63 0.00	37.56 -0.77 0.00	40.15 -0.82 0.00	43.60 -0.53 0.00	53.34 -0.21 0.00	57.84 -0.35 0.00	61.08 -0.68 0.00	57.91 0.17 0.00	50.36 0.40 0.00	42.61 0.55 0.00	38.39 0.27 0.00	34.84 0.45 0.00	31.34 0.43 0.00
CHAUTAUQUA___LFGE 323629	27.48 0.88 0.00	24.94 0.89 0.00	22.79 0.40 0.00	21.02 0.27 0.00	20.70 0.26 0.00	22.80 1.00 0.00	25.09 1.19 0.00	27.57 1.39 0.00	31.71 1.68 0.00	33.70 1.91 0.00	35.73 2.18 0.00	37.49 2.19 0.00	40.47 2.14 0.00	42.77 1.80 0.00	45.85 1.72 0.00	54.73 1.18 0.00	58.48 -0.58 -0.88	64.73 1.98 -1.00	60.27 1.15 -1.38	51.33 0.45 -0.92	43.20 0.92 -0.21	39.15 1.03 0.00	35.63 1.24 0.00	31.89 0.99 0.00
CHERRYST_13_KV_LD 356241	28.86 2.26 0.00	25.90 1.85 0.00	24.11 1.72 0.00	22.47 1.72 0.00	22.05 1.61 0.00	23.23 1.44 0.00	25.53 1.63 0.00	28.26 2.07 0.00	32.55 2.52 0.00	34.88 3.08 0.00	36.84 3.29 0.00	38.69 3.39 0.00	42.31 3.99 0.00	45.43 4.47 0.00	48.81 4.68 0.00	60.24 6.32 -0.37	78.28 7.10 -12.99	79.03 7.91 -9.37	72.78 6.64 -8.40	60.75 5.20 -5.59	47.03 3.66 -1.30	41.55 3.43 0.00	37.38 2.99 0.00	33.28 2.38 0.00
CHESTROR_138KV_BK263 355645	28.01 1.41 0.00	25.25 1.20 0.00	23.50 1.12 0.00	21.87 1.12 0.00	21.48 1.04 0.00	22.73 0.94 0.00	24.98 1.08 0.00	27.37 1.18 0.00	31.47 1.44 0.00	33.61 1.81 0.00	35.56 2.01 0.00	37.46 2.15 0.00	40.85 2.53 0.00	43.80 2.83 0.00	47.18 3.05 0.00	57.82 3.96 -0.30	67.92 4.65 -5.08	72.46 5.19 -5.52	69.63 4.27 -7.63	58.49 3.45 -5.08	45.73 2.48 -1.18	40.40 2.29 0.00	36.32 1.93 0.00	32.39 1.48 0.00
CH_MIDHUDSON___DRP 24192	28.28 1.68 0.00	25.45 1.40 0.00	23.72 1.34 0.00	22.05 1.31 0.00	21.66 1.23 0.00	22.90 1.11 0.00	25.17 1.27 0.00	27.58 1.39 0.00	31.74 1.71 0.00	33.93 2.13 0.00	35.96 2.42 0.00	37.92 2.61 0.00	41.35 3.03 0.00	44.41 3.44 0.00	47.84 3.71 0.00	58.62 4.82 -0.25	69.23 5.35 -5.69	73.96 5.93 -6.27	71.38 4.97 -8.68	59.83 4.10 -5.77	46.40 2.99 -1.35	40.82 2.71 0.00	36.66 2.27 0.00	32.70 1.79 0.00
CH_MISC_IPPS 23765	28.46 1.86 0.00	25.59 1.54 0.00	23.82 1.43 0.00	22.14 1.39 0.00	21.70 1.27 0.00	22.95 1.15 0.00	25.29 1.39 0.00	27.65 1.47 0.00	31.77 1.74 0.00	34.02 2.22 0.00	36.07 2.52 0.00	38.06 2.76 0.00	41.58 3.26 0.00	44.70 3.73 0.00	48.10 3.97 0.00	59.08 5.25 -0.27	69.63 5.87 -5.57	74.43 6.54 -6.13	71.63 5.43 -8.47	60.10 4.50 -5.64	46.66 3.28 -1.31	41.13 3.01 0.00	36.90 2.51 0.00	33.19 2.29 0.00
CH_RES_BVR_FALLS 23983	26.28 -0.32 0.00	23.79 -0.26 0.00	22.16 -0.22 0.00	20.54 -0.21 0.00	20.23 -0.20 0.00	21.57 -0.22 0.00	23.66 -0.24 0.00	25.93 -0.26 0.00	29.70 -0.33 0.00	31.32 -0.48 0.00	33.01 -0.54 0.00	34.74 -0.57 0.00	37.67 -0.65 0.00	40.27 -0.70 0.00	43.42 -0.71 0.00	52.81 -0.75 0.00	57.32 -0.87 0.00	60.58 -1.18 0.00	56.93 -0.81 0.00	49.31 -0.65 0.00	41.56 -0.50 0.00	37.58 -0.53 0.00	33.98 -0.41 0.00	30.56 -0.34 0.00

CH_RES_NIAGARA 23895	26.23 -0.37 0.00	23.86 -0.19 0.00	21.78 -0.60 0.00	19.98 -0.77 0.00	19.64 -0.80 0.00	21.66 -0.13 0.00	23.83 -0.07 0.00	26.03 -0.16 0.00	30.00 -0.03 0.00	31.73 -0.06 0.00	33.55 0.00 0.00	35.20 -0.11 0.00	37.90 -0.42 0.00	39.95 -1.02 0.00	42.81 -1.32 0.00	50.99 -2.57 0.00	54.67 -4.31 -0.78	60.22 -2.41 -0.87	56.12 -2.83 -1.21	48.07 -2.70 -0.80	40.61 -1.64 -0.19	36.71 -1.41 0.00	33.60 -0.79 0.00	30.22 -0.68 0.00
CH_RES_SYRACUSE 23985	26.63 0.03 0.00	24.10 0.05 0.00	22.32 -0.07 0.00	20.66 -0.08 0.00	20.35 -0.08 0.00	21.84 0.04 0.00	23.95 0.05 0.00	26.29 0.11 0.00	30.12 0.09 0.00	31.92 0.13 0.00	33.75 0.20 0.00	35.52 0.21 0.00	38.56 0.23 0.00	41.13 0.16 0.00	44.31 0.18 0.00	53.50 -0.05 0.00	58.54 -0.17 -0.52	61.88 0.12 0.00	57.68 -0.06 0.00	49.81 -0.15 0.00	42.06 0.00 0.00	38.19 0.08 0.00	34.46 0.07 0.00	30.87 -0.03 0.00
CLINTON_WT_PWR 323605	25.94 -0.66 0.00	23.52 -0.53 0.00	21.96 -0.43 0.00	20.37 -0.37 0.00	20.11 -0.33 0.00	21.53 -0.26 0.00	23.78 -0.12 0.00	26.16 -0.03 0.00	29.91 -0.12 0.00	31.38 -0.41 0.00	32.88 -0.67 0.00	34.70 -0.60 0.00	37.64 -0.69 0.00	40.19 -0.78 0.00	43.60 -0.53 0.00	53.34 -0.21 0.00	57.84 -0.35 0.00	61.14 -0.62 0.00	57.97 0.23 0.00	50.36 0.40 0.00	42.61 0.55 0.00	38.39 0.27 0.00	34.87 0.48 0.00	31.34 0.43 0.00
CLINTON___LFGE 323618	26.15 -0.45 0.00	23.74 -0.31 0.00	22.16 -0.22 0.00	20.54 -0.21 0.00	20.29 -0.14 0.00	21.73 -0.07 0.00	24.02 0.12 0.00	26.45 0.26 0.00	30.24 0.21 0.00	31.67 -0.13 0.00	33.18 -0.37 0.00	35.06 -0.25 0.00	38.02 -0.31 0.00	40.64 -0.33 0.00	44.13 0.00 0.00	54.04 0.48 0.00	58.48 0.29 0.00	61.82 0.06 0.00	58.60 0.87 0.00	50.96 1.00 0.00	43.16 1.09 0.00	38.84 0.72 0.00	35.25 0.86 0.00	31.70 0.80 0.00
COBBLENY_34_KV_TB1 80064	27.24 0.64 0.00	24.70 0.65 0.00	22.56 0.18 0.00	20.62 -0.12 0.00	20.39 -0.04 0.00	22.49 0.70 0.00	24.71 0.81 0.00	27.10 0.92 0.00	31.02 0.99 0.00	33.13 1.34 0.00	34.92 1.38 0.00	36.68 1.38 0.00	39.86 1.53 0.00	42.08 1.11 0.00	45.10 0.97 0.00	53.98 0.43 0.00	57.50 -1.57 -0.88	63.63 0.86 -1.00	59.35 0.23 -1.39	50.64 -0.25 -0.92	42.57 0.29 -0.22	38.57 0.46 0.00	35.15 0.76 0.00	31.71 0.80 0.00
COFFEEN___115KV_TB3 355620	26.95 0.35 0.00	24.36 0.31 0.00	22.58 0.20 0.00	20.85 0.10 0.00	20.52 0.08 0.00	21.97 0.17 0.00	24.14 0.24 0.00	26.19 0.00 0.00	30.21 0.18 0.00	31.95 0.16 0.00	33.72 0.17 0.00	35.59 0.28 0.00	38.55 0.23 0.00	40.97 0.00 0.00	44.00 -0.13 0.00	53.13 -0.43 0.00	57.53 -0.93 -0.28	61.20 -0.56 0.00	57.62 -0.12 0.00	50.26 0.30 0.00	42.65 0.59 0.00	38.73 0.61 0.00	34.94 0.55 0.00	31.34 0.43 0.00
COLDSPRG_115KV_BK1 355956	27.77 1.17 0.00	25.16 1.11 0.00	23.01 0.63 0.00	21.14 0.39 0.00	20.93 0.49 0.00	23.08 1.29 0.00	25.43 1.53 0.00	27.97 1.78 0.00	31.89 1.86 0.00	34.12 2.32 0.00	36.00 2.45 0.00	37.67 2.37 0.00	40.89 2.57 0.00	43.22 2.25 0.00	46.25 2.12 0.00	55.38 1.82 0.00	58.88 -0.23 -0.92	65.41 2.59 -1.06	60.93 1.73 -1.46	51.78 0.85 -0.97	43.55 1.26 -0.23	39.60 1.49 0.00	36.11 1.72 0.00	32.39 1.48 0.00
COLONIE_LFGE___ 323577	27.72 1.12 0.00	25.04 0.99 0.00	23.41 1.03 0.00	21.66 0.91 0.00	21.38 0.94 0.00	22.66 0.87 0.00	24.81 0.91 0.00	27.13 0.94 0.00	31.08 1.05 0.00	33.10 1.30 0.00	35.02 1.47 0.00	36.89 1.59 0.00	40.13 1.80 0.00	43.02 2.05 0.00	46.34 2.21 0.00	55.72 2.73 0.56	68.19 3.14 -6.87	82.84 3.52 -17.56	85.08 3.06 -24.28	68.82 2.70 -16.16	48.06 2.23 -3.77	39.98 1.87 0.00	35.90 1.51 0.00	32.29 1.39 0.00
COOPERNY_115KV_TB1 80082	27.67 1.06 0.00	24.97 0.91 0.00	23.23 0.85 0.00	21.60 0.85 0.00	21.21 0.78 0.00	22.51 0.72 0.00	24.71 0.81 0.00	27.10 0.92 0.00	31.14 1.11 0.00	33.19 1.40 0.00	35.09 1.54 0.00	36.96 1.66 0.00	40.24 1.92 0.00	43.10 2.13 0.00	46.38 2.25 0.00	56.68 2.95 -0.18	65.39 3.43 -3.77	69.81 3.89 -4.16	66.67 3.18 -5.76	56.39 2.60 -3.83	44.85 1.89 -0.89	39.83 1.72 0.00	35.83 1.44 0.00	32.02 1.11 0.00
COPENHAGEN_WT_PWR 323753	26.74 0.13 0.00	24.17 0.12 0.00	22.40 0.02 0.00	20.73 -0.02 0.00	20.40 -0.04 0.00	21.84 0.04 0.00	23.97 0.07 0.00	26.08 -0.10 0.00	30.03 0.00 0.00	31.73 -0.06 0.00	33.48 -0.07 0.00	35.27 -0.04 0.00	38.21 -0.11 0.00	40.64 -0.33 0.00	43.69 -0.44 0.00	52.86 -0.70 0.00	57.31 -1.16 -0.29	60.89 -0.86 0.00	57.16 -0.58 0.00	49.81 -0.15 0.00	42.23 0.17 0.00	38.35 0.23 0.00	34.63 0.24 0.00	31.06 0.16 0.00
CORNELL_____ 23752	27.29 0.69 0.00	24.68 0.63 0.00	22.81 0.43 0.00	21.10 0.35 0.00	20.80 0.37 0.00	22.38 0.59 0.00	24.57 0.67 0.00	26.97 0.79 0.00	30.87 0.84 0.00	32.75 0.95 0.00	34.59 1.04 0.00	36.36 1.06 0.00	39.55 1.23 0.00	42.24 1.27 0.00	45.37 1.24 0.00	54.79 1.23 0.00	60.53 1.22 -1.12	65.18 2.04 -1.38	61.44 1.79 -1.91	52.79 1.55 -1.27	43.79 1.43 -0.30	39.49 1.37 0.00	35.49 1.10 0.00	31.74 0.83 0.00
CORONA_AV_69_KV_TB1 355595	35.70 2.61 -6.49	33.37 2.21 -7.11	29.21 2.06 -4.76	22.72 1.97 0.00	22.23 1.80 0.00	23.56 1.77 0.00	25.69 1.79 0.00	30.47 2.38 -1.90	32.98 2.82 -0.13	36.58 3.34 -1.44	37.42 3.52 -0.35	41.48 3.78 -2.40	57.49 4.37 -14.80	65.95 4.79 -20.19	61.78 5.08 -12.57	70.97 6.59 -10.82	85.81 7.33 -20.29	109.54 8.09 -39.70	78.24 7.10 -13.41	61.32 5.75 -5.61	47.72 4.33 -1.32	42.10 3.96 -0.02	51.93 3.58 -13.97	42.67 2.84 -8.92
CORTLAND_115KV_TB3 80093	27.05 0.45 0.00	24.46 0.41 0.00	22.65 0.27 0.00	20.93 0.19 0.00	20.64 0.20 0.00	22.16 0.37 0.00	24.33 0.43 0.00	26.68 0.50 0.00	30.60 0.57 0.00	32.50 0.70 0.00	34.32 0.77 0.00	36.12 0.81 0.00	39.24 0.92 0.00	41.91 0.94 0.00	45.06 0.93 0.00	54.41 0.86 0.00	59.91 0.81 -0.91	64.23 1.42 -1.05	60.35 1.15 -1.46	51.88 0.95 -0.97	43.21 0.93 -0.23	38.99 0.88 0.00	35.11 0.72 0.00	31.40 0.49 0.00
COXSACKIE___GT 23611	28.36 1.76 0.00	25.52 1.47 0.00	23.82 1.43 0.00	22.01 1.27 0.00	21.60 1.16 0.00	22.95 1.15 0.00	25.31 1.41 0.00	27.31 1.13 0.00	31.29 1.26 0.00	33.35 1.56 0.00	35.49 1.95 0.00	37.49 2.19 0.00	40.39 2.07 0.00	43.47 2.50 0.00	46.87 2.74 0.00	57.01 3.64 0.19	68.08 3.43 -6.46	76.19 4.01 -10.42	76.01 3.87 -14.41	63.10 3.55 -9.59	47.41 3.11 -2.23	40.94 2.82 0.00	36.93 2.54 0.00	33.07 2.16 0.00
CPV_VALLEY___CC1 323721	27.80 1.20 0.00	25.06 1.01 0.00	23.34 0.96 0.00	21.70 0.95 0.00	21.31 0.88 0.00	22.58 0.78 0.00	24.78 0.88 0.00	27.21 1.02 0.00	31.23 1.20 0.00	33.39 1.59 0.00	35.26 1.71 0.00	37.14 1.83 0.00	40.51 2.18 0.00	43.43 2.46 0.00	46.73 2.60 0.00	57.35 3.53 -0.26	66.87 4.07 -4.61	71.35 4.57 -5.02	68.37 3.70 -6.94	57.53 2.95 -4.62	45.24 2.10 -1.08	40.06 1.94 0.00	36.01 1.62 0.00	32.42 1.51 0.00

CPV_VALLEY___CC2 323722	27.80 1.20 0.00	25.06 1.01 0.00	23.34 0.96 0.00	21.70 0.95 0.00	21.31 0.88 0.00	22.58 0.78 0.00	24.78 0.88 0.00	27.21 1.02 0.00	31.23 1.20 0.00	33.39 1.59 0.00	35.26 1.71 0.00	37.14 1.83 0.00	40.51 2.18 0.00	43.43 2.46 0.00	46.73 2.60 0.00	57.35 3.53 -0.26	66.87 4.07 -4.61	71.35 4.57 -5.02	68.37 3.70 -6.94	57.53 2.95 -4.62	45.24 2.10 -1.08	40.06 1.94 0.00	36.01 1.62 0.00	32.42 1.51 0.00
CRESCENT___HYD 24018	27.72 1.12 0.00	25.04 0.99 0.00	23.41 1.03 0.00	21.66 0.91 0.00	21.38 0.94 0.00	22.66 0.87 0.00	24.81 0.91 0.00	27.13 0.94 0.00	31.08 1.05 0.00	33.10 1.30 0.00	35.02 1.47 0.00	36.89 1.59 0.00	40.13 1.80 0.00	43.02 2.05 0.00	46.34 2.21 0.00	55.72 2.73 0.56	68.19 3.14 -6.87	82.84 3.52 -17.56	85.08 3.06 -24.28	68.82 2.70 -16.16	48.06 2.23 -3.77	39.98 1.87 0.00	35.90 1.51 0.00	32.29 1.39 0.00
CRICKET___VALLEY_CC1 323756	27.90 1.30 0.00	25.18 1.13 0.00	23.55 1.16 0.00	21.85 1.10 0.00	21.52 1.08 0.00	22.75 0.96 0.00	24.93 1.03 0.00	27.31 1.13 0.00	31.32 1.29 0.00	33.45 1.65 0.00	35.33 1.78 0.00	37.17 1.87 0.00	40.59 2.26 0.00	43.55 2.58 0.00	46.87 2.74 0.00	51.62 3.64 5.58	65.88 4.25 -3.44	73.20 4.76 -6.68	70.78 3.81 -9.24	59.36 3.25 -6.15	45.85 2.35 -1.43	40.21 2.10 0.00	36.11 1.72 0.00	32.54 1.64 0.00
CRICKET___VALLEY_CC2 323757	27.90 1.30 0.00	25.18 1.13 0.00	23.55 1.16 0.00	21.85 1.10 0.00	21.52 1.08 0.00	22.75 0.96 0.00	24.93 1.03 0.00	27.31 1.13 0.00	31.32 1.29 0.00	33.45 1.65 0.00	35.33 1.78 0.00	37.17 1.87 0.00	40.59 2.26 0.00	43.55 2.58 0.00	46.87 2.74 0.00	51.62 3.64 5.58	65.88 4.25 -3.44	73.20 4.76 -6.68	70.78 3.81 -9.24	59.36 3.25 -6.15	45.85 2.35 -1.43	40.21 2.10 0.00	36.11 1.72 0.00	32.54 1.64 0.00
CRICKET___VALLEY_CC3 323758	27.90 1.30 0.00	25.18 1.13 0.00	23.55 1.16 0.00	21.85 1.10 0.00	21.52 1.08 0.00	22.75 0.96 0.00	24.93 1.03 0.00	27.31 1.13 0.00	31.32 1.29 0.00	33.45 1.65 0.00	35.33 1.78 0.00	37.17 1.87 0.00	40.59 2.26 0.00	43.55 2.58 0.00	46.87 2.74 0.00	51.62 3.64 5.58	65.88 4.25 -3.44	73.20 4.76 -6.68	70.78 3.81 -9.24	59.36 3.25 -6.15	45.85 2.35 -1.43	40.21 2.10 0.00	36.11 1.72 0.00	32.54 1.64 0.00
CRUCIBLE_METL_DRP 24180	26.63 0.03 0.00	24.10 0.05 0.00	22.31 -0.07 0.00	20.64 -0.10 0.00	20.35 -0.08 0.00	21.84 0.04 0.00	23.95 0.05 0.00	26.29 0.10 0.00	30.12 0.09 0.00	31.92 0.13 0.00	33.72 0.17 0.00	35.48 0.18 0.00	38.55 0.23 0.00	41.13 0.16 0.00	44.31 0.18 0.00	53.45 -0.11 0.00	58.54 -0.17 -0.52	61.88 0.12 0.00	57.62 -0.12 0.00	49.81 -0.15 0.00	42.06 0.00 0.00	38.19 0.08 0.00	34.46 0.07 0.00	30.84 -0.06 0.00
DAHOWA___HYDRO 323763	28.12 1.52 0.00	25.37 1.32 0.00	23.72 1.34 0.00	21.91 1.16 0.00	21.62 1.18 0.00	22.97 1.18 0.00	25.12 1.22 0.00	27.47 1.28 0.00	31.44 1.41 0.00	33.51 1.72 0.00	35.49 1.95 0.00	37.39 2.08 0.00	40.70 2.38 0.00	43.55 2.58 0.00	46.96 2.83 0.00	56.46 3.38 0.47	69.25 4.01 -7.05	85.96 4.45 -19.75	89.38 4.33 -27.31	71.84 3.70 -18.18	49.62 3.32 -4.23	40.86 2.75 0.00	36.59 2.20 0.00	32.79 1.89 0.00
DANC___LFGE 323619	26.52 -0.08 0.00	24.00 -0.05 0.00	22.25 -0.13 0.00	20.58 -0.17 0.00	20.27 -0.16 0.00	21.71 -0.09 0.00	23.83 -0.07 0.00	25.98 -0.21 0.00	29.88 -0.15 0.00	31.61 -0.19 0.00	33.35 -0.20 0.00	35.09 -0.21 0.00	38.02 -0.31 0.00	40.48 -0.49 0.00	43.56 -0.57 0.00	52.59 -0.96 0.00	57.19 -1.34 -0.33	60.71 -1.05 0.00	56.87 -0.86 0.00	49.41 -0.55 0.00	41.81 -0.25 0.00	38.00 -0.11 0.00	34.32 -0.07 0.00	30.78 -0.12 0.00
DANSKAMMER___1 23586	28.46 1.86 0.00	25.59 1.54 0.00	23.82 1.43 0.00	22.14 1.39 0.00	21.70 1.27 0.00	22.95 1.15 0.00	25.29 1.39 0.00	27.65 1.47 0.00	31.77 1.74 0.00	34.02 2.22 0.00	36.07 2.52 0.00	38.06 2.76 0.00	41.58 3.26 0.00	44.70 3.73 0.00	48.10 3.97 0.00	59.08 5.25 -0.27	69.63 5.87 -5.57	74.43 6.54 -6.13	71.63 5.43 -8.47	60.10 4.50 -5.64	46.66 3.28 -1.31	41.13 3.01 0.00	36.90 2.51 0.00	33.19 2.29 0.00
DANSKAMMER___2 23589	28.46 1.86 0.00	25.59 1.54 0.00	23.82 1.43 0.00	22.14 1.39 0.00	21.70 1.27 0.00	22.95 1.15 0.00	25.29 1.39 0.00	27.65 1.47 0.00	31.77 1.74 0.00	34.02 2.22 0.00	36.07 2.52 0.00	38.06 2.76 0.00	41.58 3.26 0.00	44.70 3.73 0.00	48.10 3.97 0.00	59.08 5.25 -0.27	69.63 5.87 -5.57	74.43 6.54 -6.13	71.63 5.43 -8.47	60.10 4.50 -5.64	46.66 3.28 -1.31	41.13 3.01 0.00	36.90 2.51 0.00	33.19 2.29 0.00
DANSKAMMER___3 23590	28.46 1.86 0.00	25.59 1.54 0.00	23.82 1.43 0.00	22.14 1.39 0.00	21.70 1.27 0.00	22.95 1.15 0.00	25.29 1.39 0.00	27.65 1.47 0.00	31.77 1.74 0.00	34.02 2.22 0.00	36.07 2.52 0.00	38.06 2.76 0.00	41.58 3.26 0.00	44.70 3.73 0.00	48.10 3.97 0.00	59.08 5.25 -0.27	69.63 5.87 -5.57	74.43 6.54 -6.13	71.63 5.43 -8.47	60.10 4.50 -5.64	46.66 3.28 -1.31	41.13 3.01 0.00	36.90 2.51 0.00	33.19 2.29 0.00
DANSKAMMER___4 23591	28.46 1.86 0.00	25.59 1.54 0.00	23.82 1.43 0.00	22.14 1.39 0.00	21.70 1.27 0.00	22.95 1.15 0.00	25.29 1.39 0.00	27.65 1.47 0.00	31.77 1.74 0.00	34.02 2.22 0.00	36.07 2.52 0.00	38.06 2.76 0.00	41.58 3.26 0.00	44.70 3.73 0.00	48.10 3.97 0.00	59.08 5.25 -0.27	69.63 5.87 -5.57	74.43 6.54 -6.13	71.63 5.43 -8.47	60.10 4.50 -5.64	46.66 3.28 -1.31	41.13 3.01 0.00	36.90 2.51 0.00	33.19 2.29 0.00
DANSKAMMER___DIESEL 23592	28.44 1.84 0.00	25.57 1.52 0.00	23.81 1.43 0.00	22.14 1.39 0.00	21.72 1.29 0.00	22.97 1.18 0.00	25.26 1.36 0.00	27.65 1.47 0.00	31.83 1.80 0.00	34.02 2.23 0.00	36.10 2.55 0.00	38.13 2.82 0.00	41.58 3.26 0.00	44.70 3.73 0.00	48.15 4.02 0.00	59.03 5.19 -0.27	69.63 5.88 -5.57	74.37 6.48 -6.13	71.69 5.48 -8.47	60.15 4.55 -5.64	46.70 3.32 -1.31	41.13 3.01 0.00	36.90 2.51 0.00	32.88 1.98 0.00
DARBY___SOLAR 323810	28.09 1.49 0.00	25.35 1.30 0.00	23.70 1.32 0.00	21.91 1.16 0.00	21.60 1.16 0.00	22.95 1.15 0.00	25.09 1.19 0.00	27.47 1.28 0.00	31.47 1.44 0.00	33.51 1.72 0.00	35.53 1.98 0.00	37.42 2.12 0.00	40.74 2.42 0.00	43.59 2.62 0.00	46.96 2.83 0.00	56.50 3.43 0.49	69.17 3.96 -7.02	85.69 4.45 -19.49	88.89 4.21 -26.94	71.50 3.60 -17.93	49.44 3.20 -4.18	40.78 2.67 0.00	36.52 2.13 0.00	32.76 1.85 0.00
DASHVILLE___HYD 23610	28.01 1.41 0.00	25.18 1.13 0.00	23.46 1.07 0.00	21.85 1.10 0.00	21.42 0.98 0.00	22.62 0.83 0.00	24.90 1.00 0.00	27.26 1.07 0.00	31.29 1.26 0.00	33.45 1.65 0.00	35.46 1.91 0.00	37.39 2.08 0.00	40.82 2.49 0.00	43.80 2.83 0.00	47.18 3.05 0.00	58.34 4.66 -0.12	68.54 4.65 -5.70	73.98 5.13 -7.09	71.70 4.16 -9.81	59.89 3.40 -6.53	45.90 2.31 -1.52	40.44 2.33 0.00	36.28 1.89 0.00	32.36 1.45 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	37.04 3.94 -6.50	34.55 3.39 -7.11	30.30 3.16 -4.76	23.67 2.93 0.00	23.11 2.68 0.00	24.56 2.77 0.00	26.70 2.80 0.00	31.78 3.69 -1.90	34.42 4.26 -0.13	38.37 5.12 -1.45	41.73 5.37 -2.82	45.66 5.72 -4.63	59.69 6.55 -14.81	98.17 7.17 -50.03	129.27 7.72 -77.41	221.25 9.69 -158.00	256.30 10.71 -187.40	271.18 11.30 -198.12	229.86 10.45 -161.67	230.02 8.59 -171.46	121.86 6.56 -73.23	99.98 5.95 -55.92	47.65 5.30 -7.96	41.28 4.36 -6.02
DELAWARE___LFGE 323621	27.69 1.09 0.00	24.99 0.94 0.00	23.25 0.87 0.00	21.56 0.81 0.00	21.21 0.78 0.00	22.62 0.83 0.00	24.81 0.91 0.00	27.16 0.97 0.00	31.17 1.14 0.00	33.19 1.40 0.00	35.09 1.54 0.00	36.93 1.62 0.00	40.13 1.80 0.00	42.89 1.93 0.00	46.12 1.99 0.00	55.91 2.36 0.00	62.72 2.56 -1.98	69.24 3.03 -4.46	66.44 2.54 -6.16	56.31 2.25 -4.10	44.91 1.89 -0.96	39.83 1.72 0.00	35.83 1.44 0.00	32.05 1.14 0.00
DERFIELD_115KV_TB7 355931	26.63 0.03 0.00	24.08 0.02 0.00	22.43 0.04 0.00	20.79 0.04 0.00	20.48 0.04 0.00	21.81 0.02 0.00	23.92 0.02 0.00	26.21 0.03 0.00	30.06 0.03 0.00	31.89 0.10 0.00	33.68 0.13 0.00	35.45 0.14 0.00	38.48 0.15 0.00	41.13 0.16 0.00	44.26 0.13 0.00	53.72 0.16 0.00	58.36 0.17 0.00	62.07 0.31 0.00	57.91 0.17 0.00	50.11 0.15 0.00	42.19 0.13 0.00	38.23 0.11 0.00	34.49 0.10 0.00	30.96 0.06 0.00
DOGLEVILLE___HYD 23807	26.31 -0.29 0.00	23.79 -0.26 0.00	22.11 -0.27 0.00	20.50 -0.25 0.00	20.19 -0.24 0.00	21.55 -0.24 0.00	23.66 -0.24 0.00	25.90 -0.29 0.00	29.73 -0.30 0.00	31.54 -0.26 0.00	33.48 -0.07 0.00	35.23 -0.07 0.00	38.21 -0.11 0.00	40.81 -0.16 0.00	43.95 -0.18 0.00	53.29 -0.27 0.00	57.78 -0.40 0.00	61.39 -0.37 0.00	57.39 -0.34 0.00	49.71 -0.25 0.00	41.81 -0.25 0.00	37.93 -0.19 0.00	34.22 -0.17 0.00	30.75 -0.15 0.00
DUNKIRK___115KV_TB_200 55889	27.43 0.82 0.00	24.87 0.82 0.00	22.74 0.36 0.00	20.85 0.10 0.00	20.62 0.18 0.00	22.75 0.96 0.00	25.02 1.12 0.00	27.47 1.28 0.00	31.47 1.44 0.00	33.61 1.81 0.00	35.43 1.88 0.00	37.14 1.84 0.00	40.36 2.03 0.00	42.61 1.64 0.00	45.59 1.46 0.00	54.63 1.07 0.00	58.42 -0.64 -0.88	64.42 1.67 -0.99	60.03 0.92 -1.38	51.18 0.30 -0.92	43.03 0.76 -0.21	39.03 0.91 0.00	35.52 1.13 0.00	31.95 1.05 0.00
DUNKIRK___1 23563	27.43 0.82 0.00	24.87 0.82 0.00	22.74 0.36 0.00	20.85 0.10 0.00	20.62 0.18 0.00	22.75 0.96 0.00	25.02 1.12 0.00	27.47 1.28 0.00	31.47 1.44 0.00	33.61 1.81 0.00	35.43 1.88 0.00	37.14 1.84 0.00	40.36 2.03 0.00	42.61 1.64 0.00	45.59 1.46 0.00	54.63 1.07 0.00	58.42 -0.64 -0.88	64.42 1.67 -0.99	60.03 0.92 -1.38	51.18 0.30 -0.92	43.03 0.76 -0.21	39.03 0.91 0.00	35.52 1.13 0.00	31.95 1.05 0.00
DUNKIRK___2 23564	27.43 0.82 0.00	24.87 0.82 0.00	22.74 0.36 0.00	20.85 0.10 0.00	20.62 0.18 0.00	22.75 0.96 0.00	25.02 1.12 0.00	27.47 1.28 0.00	31.47 1.44 0.00	33.61 1.81 0.00	35.43 1.88 0.00	37.14 1.84 0.00	40.36 2.03 0.00	42.61 1.64 0.00	45.59 1.46 0.00	54.63 1.07 0.00	58.42 -0.64 -0.88	64.42 1.67 -0.99	60.03 0.92 -1.38	51.18 0.30 -0.92	43.03 0.76 -0.21	39.03 0.91 0.00	35.52 1.13 0.00	31.95 1.05 0.00
DUNKIRK___3 23565	27.27 0.67 0.00	24.73 0.67 0.00	22.61 0.22 0.00	20.68 -0.06 0.00	20.48 0.04 0.00	22.55 0.76 0.00	24.81 0.91 0.00	27.21 1.02 0.00	31.17 1.14 0.00	33.26 1.46 0.00	35.06 1.51 0.00	36.79 1.48 0.00	39.93 1.61 0.00	42.16 1.19 0.00	45.19 1.06 0.00	54.14 0.59 0.00	57.84 -1.22 -0.87	63.86 1.11 -0.99	59.51 0.40 -1.37	50.78 -0.10 -0.91	42.65 0.38 -0.21	38.69 0.57 0.00	35.22 0.83 0.00	31.71 0.80 0.00
DUNKIRK___4 23566	27.27 0.67 0.00	24.73 0.67 0.00	22.61 0.22 0.00	20.68 -0.06 0.00	20.48 0.04 0.00	22.55 0.76 0.00	24.81 0.91 0.00	27.21 1.02 0.00	31.17 1.14 0.00	33.26 1.46 0.00	35.06 1.51 0.00	36.79 1.48 0.00	39.93 1.61 0.00	42.16 1.19 0.00	45.19 1.06 0.00	54.14 0.59 0.00	57.84 -1.22 -0.87	63.86 1.11 -0.99	59.51 0.40 -1.37	50.78 -0.10 -0.91	42.65 0.38 -0.21	38.69 0.57 0.00	35.22 0.83 0.00	31.71 0.80 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.57 1.97 0.00	25.69 1.64 0.00	23.93 1.54 0.00	22.28 1.54 0.00	21.87 1.43 0.00	23.10 1.31 0.00	25.38 1.48 0.00	28.02 1.83 0.00	32.22 2.19 0.00	34.47 2.67 0.00	36.47 2.92 0.00	38.34 3.04 0.00	41.89 3.56 0.00	44.94 3.97 0.00	48.32 4.19 0.00	59.49 5.57 -0.37	77.58 6.40 -12.99	78.17 7.04 -9.37	72.08 5.95 -8.40	60.35 4.80 -5.59	46.82 3.45 -1.30	41.24 3.13 0.00	37.07 2.68 0.00	33.04 2.13 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.20 1.60 0.00	25.37 1.32 0.00	23.64 1.25 0.00	21.97 1.22 0.00	21.56 1.12 0.00	22.82 1.02 0.00	25.09 1.19 0.00	27.50 1.31 0.00	31.59 1.56 0.00	33.80 2.00 0.00	35.80 2.25 0.00	37.71 2.40 0.00	41.16 2.84 0.00	44.16 3.20 0.00	47.53 3.40 0.00	58.33 4.50 -0.27	68.72 5.18 -5.36	73.39 5.74 -5.89	70.67 4.79 -8.15	59.28 3.90 -5.42	46.19 2.86 -1.26	40.71 2.59 0.00	36.56 2.17 0.00	32.60 1.70 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.95 2.34 -0.01	25.98 1.92 -0.01	24.16 1.77 -0.01	22.52 1.76 -0.01	22.08 1.63 -0.01	23.23 1.44 0.00	25.38 1.48 0.00	28.34 2.15 -0.01	32.34 2.31 0.00	34.76 2.96 -0.01	36.68 3.12 -0.01	38.38 3.07 -0.01	42.28 3.95 -0.01	45.32 4.34 -0.01	48.60 4.46 -0.01	59.77 5.84 -0.38	77.64 6.46 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.29 4.75 -5.59	46.52 3.15 -1.30	41.36 3.24 0.00	37.29 2.89 -0.01	33.32 2.41 -0.01
E179THST_13_KV_LOAD 356214	29.14 2.53 -0.01	26.13 2.07 -0.01	24.27 1.88 -0.01	22.64 1.89 -0.01	22.18 1.74 -0.01	23.34 1.55 0.00	25.53 1.63 0.00	28.50 2.30 -0.01	32.55 2.52 0.00	34.95 3.15 -0.01	36.91 3.35 -0.01	38.63 3.32 -0.01	42.59 4.25 -0.01	45.61 4.63 -0.01	48.95 4.81 -0.01	60.25 6.32 -0.38	78.11 6.92 -13.00	78.92 7.78 -9.38	72.73 6.58 -8.41	60.69 5.15 -5.59	46.82 3.45 -1.30	41.62 3.51 0.00	37.56 3.16 -0.01	33.54 2.63 -0.01
EAST HAMPTON___GT 23717	37.60 4.50 -6.50	35.08 3.92 -7.11	30.77 3.63 -4.76	24.07 3.32 0.00	23.50 3.06 0.00	24.97 3.18 0.00	27.17 3.27 0.00	32.35 4.27 -1.90	34.99 4.84 -0.13	39.19 5.94 -1.45	42.67 6.30 -2.82	46.75 6.81 -4.64	60.88 7.74 -14.81	118.70 8.40 -69.33	130.60 9.00 -77.47	223.27 11.52 -158.20	258.29 12.45 -187.65	272.78 12.66 -198.36	231.70 12.07 -161.90	231.49 9.99 -171.53	122.98 7.66 -73.26	100.98 6.94 -55.93	48.54 6.19 -7.97	42.43 5.50 -6.02
EAST RIVER___6 23660	28.81 2.21 0.00	25.86 1.80 0.00	24.04 1.66 0.00	22.43 1.68 0.00	22.01 1.57 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.15 1.97 0.00	32.34 2.31 0.00	34.72 2.92 0.00	36.53 2.98 0.00	38.41 3.11 0.00	42.08 3.76 0.00	45.19 4.22 0.00	48.54 4.41 0.00	60.03 6.10 -0.37	78.16 6.98 -12.99	78.91 7.78 -9.37	72.54 6.41 -8.40	60.60 5.04 -5.59	46.86 3.49 -1.30	41.40 3.28 0.00	37.28 2.89 0.00	33.62 2.72 0.00

EAST RIVER___7 23524	28.81 2.21 0.00	25.86 1.80 0.00	24.04 1.66 0.00	22.43 1.68 0.00	22.01 1.57 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.15 1.97 0.00	32.34 2.31 0.00	34.72 2.92 0.00	36.53 2.98 0.00	38.41 3.11 0.00	42.08 3.76 0.00	45.19 4.22 0.00	48.54 4.41 0.00	60.03 6.10 -0.37	78.16 6.98 -12.99	78.91 7.78 -9.37	72.54 6.41 -8.40	60.60 5.04 -5.59	46.86 3.49 -1.30	41.40 3.28 0.00	37.28 2.89 0.00	33.62 2.72 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.49 1.89 0.00	25.62 1.56 0.00	23.86 1.48 0.00	22.22 1.47 0.00	21.81 1.37 0.00	23.06 1.26 0.00	25.31 1.41 0.00	27.92 1.73 0.00	32.10 2.07 0.00	34.34 2.54 0.00	36.33 2.78 0.00	38.20 2.89 0.00	41.74 3.41 0.00	44.78 3.81 0.00	48.19 4.06 0.00	59.28 5.36 -0.37	77.33 6.17 -12.97	77.90 6.79 -9.35	71.83 5.72 -8.38	60.14 4.60 -5.58	46.64 3.28 -1.30	41.09 2.97 0.00	36.93 2.54 0.00	32.91 2.01 0.00
EAST_HAMPTON___DIESEL 23722	37.62 4.52 -6.50	35.08 3.92 -7.11	30.77 3.63 -4.76	24.07 3.32 0.00	23.50 3.06 0.00	24.97 3.18 0.00	27.17 3.27 0.00	32.38 4.29 -1.90	35.02 4.86 -0.13	39.19 5.94 -1.45	42.71 6.34 -2.82	46.75 6.81 -4.63	60.88 7.74 -14.81	118.70 8.40 -69.33	130.60 9.00 -77.47	223.31 11.57 -158.19	258.28 12.45 -187.64	272.83 12.72 -198.35	231.75 12.13 -161.89	231.49 9.99 -171.53	123.02 7.70 -73.26	101.02 6.98 -55.93	48.54 6.19 -7.97	42.43 5.50 -6.02
EAST_PULASKI___ESR 323781	26.36 -0.24 0.00	23.84 -0.22 0.00	22.09 -0.29 0.00	20.44 -0.31 0.00	20.15 -0.29 0.00	21.60 -0.20 0.00	23.68 -0.22 0.00	25.90 -0.29 0.00	29.73 -0.30 0.00	31.48 -0.32 0.00	33.18 -0.37 0.00	34.81 -0.49 0.00	37.79 -0.54 0.00	40.27 -0.70 0.00	43.34 -0.79 0.00	52.32 -1.23 0.00	57.05 -1.51 -0.38	60.46 -1.30 0.00	56.46 -1.27 0.00	48.91 -1.05 0.00	41.35 -0.72 0.00	37.66 -0.46 0.00	33.98 -0.41 0.00	30.53 -0.37 0.00
EAST_RIVER___1 323558	28.78 2.18 0.00	25.83 1.78 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.97 1.53 0.00	23.12 1.33 0.00	25.43 1.53 0.00	28.15 1.97 0.00	32.31 2.28 0.00	34.69 2.89 0.00	36.57 3.02 0.00	38.45 3.14 0.00	42.08 3.76 0.00	45.15 4.18 0.00	48.50 4.37 0.00	59.92 6.00 -0.37	77.92 6.75 -12.99	78.66 7.53 -9.37	72.37 6.24 -8.40	60.45 4.90 -5.59	46.82 3.45 -1.30	41.40 3.28 0.00	37.24 2.85 0.00	33.62 2.72 0.00
EAST_RIVER___2 323559	28.81 2.21 0.00	25.86 1.80 0.00	24.04 1.66 0.00	22.43 1.68 0.00	22.01 1.57 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.15 1.97 0.00	32.34 2.31 0.00	34.72 2.92 0.00	36.53 2.98 0.00	38.41 3.11 0.00	42.08 3.76 0.00	45.19 4.22 0.00	48.54 4.41 0.00	60.03 6.10 -0.37	78.16 6.98 -12.99	78.91 7.78 -9.37	72.54 6.41 -8.40	60.60 5.04 -5.59	46.86 3.49 -1.30	41.40 3.28 0.00	37.28 2.89 0.00	33.62 2.72 0.00
EAST___DELAWARE_HYD 23607	28.33 1.73 0.00	25.47 1.42 0.00	23.68 1.30 0.00	22.01 1.27 0.00	21.56 1.12 0.00	22.84 1.05 0.00	25.17 1.27 0.00	27.52 1.33 0.00	31.56 1.53 0.00	33.80 2.00 0.00	35.83 2.28 0.00	37.78 2.47 0.00	41.28 2.95 0.00	44.33 3.36 0.00	47.70 3.57 0.00	58.55 4.82 -0.18	68.29 5.29 -4.81	73.32 5.99 -5.58	70.47 5.02 -7.71	59.24 4.14 -5.13	46.33 3.07 -1.20	40.98 2.86 0.00	36.73 2.34 0.00	33.03 2.13 0.00
EIGHT_POINT___WT_PWR 323820	27.45 0.85 0.00	24.87 0.82 0.00	22.81 0.42 0.00	21.04 0.29 0.00	20.76 0.33 0.00	22.71 0.92 0.00	25.00 1.10 0.00	27.44 1.26 0.00	31.47 1.44 0.00	33.32 1.53 0.00	35.36 1.81 0.00	37.17 1.87 0.00	40.28 1.95 0.00	42.73 1.76 0.00	45.85 1.72 0.00	54.90 1.34 0.00	59.40 0.18 -1.04	65.20 2.22 -1.22	61.10 1.68 -1.69	52.24 1.15 -1.12	43.76 1.43 -0.26	39.49 1.37 0.00	35.73 1.34 0.00	31.95 1.05 0.00
ELBRIDGE_115KV_TB2 80188	26.57 -0.03 0.00	24.05 0.00 0.00	22.25 -0.13 0.00	20.58 -0.17 0.00	20.31 -0.12 0.00	21.79 0.00 0.00	23.90 0.00 0.00	26.21 0.03 0.00	30.03 0.00 0.00	31.86 0.06 0.00	33.58 0.03 0.00	35.30 0.00 0.00	38.36 0.04 0.00	40.93 -0.04 0.00	44.09 -0.04 0.00	53.23 -0.32 0.00	58.33 -0.41 -0.55	62.27 -0.06 -0.57	58.24 -0.29 -0.79	50.19 -0.30 -0.53	42.06 -0.13 -0.12	38.12 0.00 0.00	34.36 -0.03 0.00	30.78 -0.12 0.00
ELEC_TRO_TEK 24086	35.46 2.37 -6.49	33.16 2.00 -7.11	29.03 1.88 -4.76	22.57 1.83 0.00	22.09 1.66 0.00	23.40 1.61 0.00	25.53 1.63 0.00	30.26 2.17 -1.90	32.74 2.58 -0.13	36.29 3.05 -1.44	37.09 3.19 -0.35	41.05 3.35 -2.40	56.99 3.87 -14.80	65.46 4.30 -20.19	61.25 4.55 -12.57	70.32 5.94 -10.82	85.23 6.75 -20.29	108.93 7.47 -39.70	77.49 6.35 -13.41	60.67 5.10 -5.61	47.17 3.79 -1.32	41.64 3.51 -0.02	44.13 3.16 -6.58	38.82 2.50 -5.41
ELLENBURG_WT_PWR 323604	25.94 -0.66 0.00	23.52 -0.53 0.00	21.96 -0.43 0.00	20.37 -0.37 0.00	20.11 -0.33 0.00	21.53 -0.26 0.00	23.78 -0.12 0.00	26.16 -0.03 0.00	29.91 -0.12 0.00	31.38 -0.41 0.00	32.88 -0.67 0.00	34.70 -0.60 0.00	37.64 -0.69 0.00	40.19 -0.78 0.00	43.60 -0.53 0.00	53.34 -0.21 0.00	57.84 -0.35 0.00	61.14 -0.62 0.00	57.97 0.23 0.00	50.36 0.40 0.00	42.61 0.55 0.00	38.39 0.27 0.00	34.87 0.48 0.00	31.34 0.43 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.97 0.37 0.00	24.48 0.43 0.00	22.38 0.00 0.00	20.42 -0.33 0.00	20.21 -0.22 0.00	22.27 0.48 0.00	24.50 0.60 0.00	26.82 0.63 0.00	30.72 0.69 0.00	32.75 0.95 0.00	34.52 0.97 0.00	36.19 0.88 0.00	39.28 0.96 0.00	41.46 0.49 0.00	44.40 0.26 0.00	53.18 -0.37 0.00	56.81 -2.21 -0.83	62.57 -0.12 -0.94	58.34 -0.69 -1.29	49.87 -0.95 -0.86	41.97 -0.29 -0.20	38.04 -0.08 0.00	34.73 0.34 0.00	31.37 0.46 0.00
EMPIRE_CC_1 323656	27.32 0.72 0.00	24.77 0.72 0.00	23.16 0.78 0.00	21.47 0.73 0.00	21.17 0.73 0.00	22.45 0.65 0.00	24.47 0.57 0.00	26.74 0.55 0.00	30.63 0.60 0.00	32.62 0.83 0.00	34.49 0.94 0.00	36.29 0.99 0.00	39.44 1.11 0.00	42.28 1.31 0.00	45.54 1.41 0.00	54.64 1.82 0.74	66.78 2.21 -6.38	73.64 2.47 -9.41	72.71 1.96 -13.01	60.42 1.80 -8.66	45.43 1.35 -2.02	39.26 1.14 0.00	35.35 0.96 0.00	31.83 0.93 0.00
EMPIRE_CC_2 323658	27.32 0.72 0.00	24.77 0.72 0.00	23.16 0.78 0.00	21.47 0.73 0.00	21.17 0.73 0.00	22.45 0.65 0.00	24.47 0.57 0.00	26.74 0.55 0.00	30.63 0.60 0.00	32.62 0.83 0.00	34.49 0.94 0.00	36.29 0.99 0.00	39.44 1.11 0.00	42.28 1.31 0.00	45.54 1.41 0.00	54.64 1.82 0.74	66.78 2.21 -6.38	73.64 2.47 -9.41	72.71 1.96 -13.01	60.42 1.80 -8.66	45.43 1.35 -2.02	39.26 1.14 0.00	35.35 0.96 0.00	31.83 0.93 0.00
ENORWICH_115KV_TB1 80156	28.62 2.02 0.00	25.83 1.78 0.00	23.90 1.52 0.00	22.05 1.31 0.00	21.72 1.29 0.00	23.38 1.59 0.00	25.74 1.84 0.00	28.02 1.83 0.00	32.01 1.98 0.00	34.05 2.26 0.00	36.03 2.48 0.00	37.88 2.58 0.00	41.05 2.72 0.00	43.84 2.87 0.00	47.04 2.91 0.00	56.72 3.16 0.00	63.29 3.61 -1.50	69.00 4.82 -2.42	65.70 4.62 -3.35	56.39 4.20 -2.23	46.45 3.87 -0.52	41.66 3.54 0.00	37.28 2.89 0.00	33.25 2.35 0.00

ERIE_ST__34_KV_TB1-2 80199	27.16 0.56 0.00	24.61 0.55 0.00	22.47 0.09 0.00	20.54 -0.21 0.00	20.31 -0.12 0.00	22.38 0.59 0.00	24.64 0.74 0.00	26.97 0.79 0.00	30.93 0.90 0.00	33.04 1.24 0.00	34.82 1.27 0.00	36.61 1.31 0.00	39.74 1.42 0.00	42.08 1.11 0.00	45.10 0.97 0.00	54.09 0.54 0.00	57.24 -1.80 -0.86	63.85 1.11 -0.98	59.49 0.40 -1.35	50.71 -0.15 -0.90	42.65 0.38 -0.21	38.61 0.50 0.00	35.15 0.76 0.00	31.74 0.83 0.00
ERIE_WT_PWR 323693	27.13 0.53 0.00	24.65 0.60 0.00	22.49 0.11 0.00	20.69 -0.06 0.00	20.35 -0.08 0.00	22.40 0.61 0.00	24.64 0.74 0.00	26.97 0.78 0.00	31.08 1.05 0.00	32.97 1.18 0.00	34.92 1.38 0.00	36.72 1.41 0.00	39.59 1.26 0.00	41.83 0.86 0.00	44.83 0.70 0.00	53.56 0.00 0.00	57.06 -1.98 -0.85	63.21 0.49 -0.96	58.89 -0.17 -1.33	50.30 -0.55 -0.89	42.40 0.13 -0.21	38.35 0.23 0.00	34.97 0.58 0.00	31.37 0.46 0.00
ESPRGFLD_115KV_TB1 80157	28.68 2.07 0.00	25.86 1.80 0.00	24.04 1.66 0.00	22.22 1.47 0.00	21.89 1.45 0.00	23.40 1.61 0.00	25.74 1.84 0.00	28.15 1.96 0.00	32.25 2.22 0.00	34.34 2.54 0.00	36.33 2.78 0.00	38.23 2.93 0.00	41.58 3.26 0.00	44.41 3.44 0.00	47.79 3.66 0.00	57.49 4.12 0.19	61.06 4.48 1.60	81.26 5.31 -14.19	82.31 4.97 -19.62	67.27 4.25 -13.06	49.06 3.95 -3.04	41.62 3.51 0.00	37.24 2.85 0.00	33.25 2.35 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.27 0.67 0.00	24.65 0.60 0.00	22.81 0.43 0.00	21.08 0.33 0.00	20.78 0.35 0.00	22.36 0.57 0.00	24.55 0.65 0.00	26.92 0.73 0.00	30.81 0.78 0.00	32.72 0.92 0.00	34.52 0.97 0.00	36.29 0.99 0.00	39.47 1.15 0.00	42.16 1.19 0.00	45.32 1.19 0.00	54.73 1.18 0.00	60.47 1.16 -1.12	65.06 1.91 -1.38	61.38 1.73 -1.91	52.68 1.45 -1.27	43.71 1.35 -0.30	39.41 1.30 0.00	35.46 1.07 0.00	31.68 0.77 0.00
ETNA____115KV_TB2 80207	27.27 0.67 0.00	24.65 0.60 0.00	22.81 0.43 0.00	21.08 0.33 0.00	20.78 0.35 0.00	22.36 0.57 0.00	24.55 0.65 0.00	26.92 0.73 0.00	30.81 0.78 0.00	32.72 0.92 0.00	34.52 0.97 0.00	36.29 0.99 0.00	39.47 1.15 0.00	42.16 1.19 0.00	45.32 1.19 0.00	54.73 1.18 0.00	60.47 1.16 -1.12	65.06 1.91 -1.38	61.38 1.73 -1.91	52.68 1.45 -1.27	43.71 1.35 -0.30	39.41 1.30 0.00	35.46 1.07 0.00	31.68 0.77 0.00
EUCLID____115KV_TB2 356179	26.31 -0.29 0.00	23.81 -0.24 0.00	22.07 -0.31 0.00	20.42 -0.33 0.00	20.13 -0.31 0.00	21.57 -0.22 0.00	23.66 -0.24 0.00	25.95 -0.24 0.00	29.76 -0.27 0.00	31.54 -0.25 0.00	33.31 -0.23 0.00	35.02 -0.28 0.00	38.06 -0.27 0.00	40.60 -0.37 0.00	43.73 -0.40 0.00	52.81 -0.75 0.00	57.70 -0.93 -0.44	61.08 -0.68 0.00	56.93 -0.81 0.00	49.21 -0.75 0.00	41.52 -0.55 0.00	37.74 -0.38 0.00	34.01 -0.38 0.00	30.47 -0.43 0.00
E_CANADA_CAP_HY 24051	29.21 2.61 0.00	26.31 2.26 0.00	24.51 2.13 0.00	22.65 1.91 0.00	22.34 1.90 0.00	23.82 2.03 0.00	26.19 2.29 0.00	28.65 2.46 0.00	32.76 2.73 0.00	34.82 3.02 0.00	36.87 3.32 0.00	38.80 3.50 0.00	42.27 3.95 0.00	45.19 4.22 0.00	48.68 4.55 0.00	58.16 4.87 0.27	72.48 5.53 -8.76	85.93 6.48 -17.69	88.37 6.18 -24.46	71.49 5.24 -16.28	51.03 5.17 -3.79	42.57 4.46 0.00	38.00 3.61 0.00	33.96 3.06 0.00
E_CANADA_MHWK_HY 24050	26.31 -0.29 0.00	23.79 -0.26 0.00	22.11 -0.27 0.00	20.50 -0.25 0.00	20.19 -0.24 0.00	21.55 -0.24 0.00	23.66 -0.24 0.00	25.90 -0.29 0.00	29.73 -0.30 0.00	31.54 -0.26 0.00	33.48 -0.07 0.00	35.23 -0.07 0.00	38.21 -0.11 0.00	40.81 -0.16 0.00	43.95 -0.18 0.00	53.29 -0.27 0.00	57.78 -0.40 0.00	61.39 -0.37 0.00	57.39 -0.34 0.00	49.71 -0.25 0.00	41.81 -0.25 0.00	37.93 -0.19 0.00	34.22 -0.17 0.00	30.75 -0.15 0.00
E_FISHKILL____LBMP 23776	28.20 1.60 0.00	25.37 1.32 0.00	23.68 1.30 0.00	22.01 1.27 0.00	21.64 1.21 0.00	22.88 1.09 0.00	25.09 1.19 0.00	27.60 1.41 0.00	31.71 1.68 0.00	33.89 2.10 0.00	35.83 2.28 0.00	37.71 2.40 0.00	41.12 2.80 0.00	44.08 3.11 0.00	47.44 3.31 0.00	58.33 4.39 -0.38	76.39 5.06 -13.14	76.91 5.62 -9.53	71.03 4.68 -8.62	59.50 3.80 -5.74	46.13 2.73 -1.34	40.59 2.48 0.00	36.52 2.13 0.00	32.57 1.67 0.00
FALCON____SEABRD_CC1 323796	26.20 -0.40 0.00	23.76 -0.29 0.00	22.18 -0.20 0.00	20.58 -0.17 0.00	20.31 -0.12 0.00	21.75 -0.04 0.00	24.04 0.14 0.00	26.48 0.29 0.00	30.27 0.24 0.00	31.73 -0.06 0.00	33.21 -0.34 0.00	35.13 -0.18 0.00	38.06 -0.27 0.00	40.68 -0.28 0.00	44.17 0.04 0.00	54.04 0.48 0.00	58.54 0.35 0.00	61.88 0.12 0.00	58.66 0.92 0.00	50.96 1.00 0.00	43.16 1.09 0.00	38.84 0.72 0.00	35.28 0.89 0.00	31.74 0.83 0.00
FALCON____SEABRD_CC2 323797	26.20 -0.40 0.00	23.76 -0.29 0.00	22.18 -0.20 0.00	20.58 -0.17 0.00	20.31 -0.12 0.00	21.75 -0.04 0.00	24.04 0.14 0.00	26.48 0.29 0.00	30.27 0.24 0.00	31.73 -0.06 0.00	33.21 -0.34 0.00	35.13 -0.18 0.00	38.06 -0.27 0.00	40.68 -0.28 0.00	44.17 0.04 0.00	54.04 0.48 0.00	58.54 0.35 0.00	61.88 0.12 0.00	58.66 0.92 0.00	50.96 1.00 0.00	43.16 1.09 0.00	38.84 0.72 0.00	35.28 0.89 0.00	31.74 0.83 0.00
FAR ROCKAWAY____4 23548	36.02 2.93 -6.49	33.64 2.48 -7.11	29.45 2.31 -4.76	22.93 2.18 0.00	22.44 2.00 0.00	23.78 1.98 0.00	25.93 2.03 0.00	30.76 2.67 -1.90	33.34 3.18 -0.13	36.99 3.75 -1.44	37.96 4.06 -0.35	42.04 4.34 -2.40	58.14 5.02 -14.80	66.52 5.37 -20.19	62.35 5.65 -12.57	71.61 7.23 -10.82	86.63 8.15 -20.29	110.53 9.08 -39.70	79.05 7.91 -13.41	61.97 6.40 -5.61	48.22 4.84 -1.32	42.55 4.42 -0.02	53.19 3.99 -14.81	43.38 3.15 -9.33
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.78 2.18 0.00	25.83 1.78 0.00	24.04 1.66 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.17 1.37 0.00	25.48 1.58 0.00	28.18 1.99 0.00	32.43 2.40 0.00	34.75 2.96 0.00	36.70 3.15 0.00	38.52 3.21 0.00	42.12 3.79 0.00	45.19 4.22 0.00	48.59 4.46 0.00	59.92 6.00 -0.37	77.98 6.81 -12.99	78.66 7.53 -9.37	72.49 6.35 -8.40	60.55 5.00 -5.59	46.90 3.53 -1.30	41.43 3.32 0.00	37.28 2.89 0.00	33.22 2.32 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.81 2.21 0.00	25.86 1.80 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.19 1.39 0.00	25.48 1.58 0.00	28.18 1.99 0.00	32.43 2.40 0.00	34.75 2.96 0.00	36.70 3.15 0.00	38.52 3.21 0.00	42.12 3.79 0.00	45.19 4.22 0.00	48.59 4.46 0.00	59.92 6.00 -0.37	77.98 6.81 -12.99	78.66 7.53 -9.37	72.49 6.35 -8.40	60.55 5.00 -5.59	46.90 3.53 -1.30	41.43 3.32 0.00	37.31 2.92 0.00	33.22 2.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.78 2.18 0.00	25.83 1.78 0.00	24.04 1.66 0.00	22.41 1.66 0.00	21.97 1.53 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.18 1.99 0.00	32.40 2.37 0.00	34.72 2.93 0.00	36.67 3.12 0.00	38.48 3.18 0.00	42.08 3.76 0.00	45.15 4.18 0.00	48.54 4.41 0.00	59.87 5.94 -0.37	77.93 6.75 -12.99	78.60 7.47 -9.37	72.43 6.29 -8.40	60.50 4.95 -5.59	46.86 3.49 -1.30	41.40 3.28 0.00	37.24 2.85 0.00	33.19 2.29 0.00

FARRAGUT___LBMP 323566	28.76 2.15 0.00	25.81 1.76 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.97 1.53 0.00	23.14 1.35 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.37 2.34 0.00	34.69 2.89 0.00	36.60 3.05 0.00	38.45 3.14 0.00	42.04 3.72 0.00	45.11 4.14 0.00	48.50 4.37 0.00	59.76 5.84 -0.37	77.81 6.63 -12.99	78.54 7.41 -9.37	72.31 6.18 -8.40	60.40 4.85 -5.59	46.82 3.45 -1.30	41.32 3.20 0.00	37.21 2.82 0.00	33.16 2.26 0.00
FENNER___WINDPWR 24204	27.13 0.53 0.00	24.53 0.48 0.00	22.74 0.36 0.00	21.06 0.31 0.00	20.72 0.29 0.00	22.21 0.41 0.00	24.38 0.48 0.00	26.68 0.50 0.00	30.60 0.57 0.00	32.49 0.70 0.00	34.42 0.87 0.00	36.22 0.92 0.00	39.28 0.96 0.00	41.95 0.98 0.00	45.15 1.02 0.00	54.63 1.07 0.00	59.85 1.05 -0.61	63.95 1.54 -0.65	59.96 1.33 -0.89	51.71 1.15 -0.59	43.29 1.09 -0.14	39.11 0.99 0.00	35.18 0.79 0.00	31.55 0.65 0.00
FIBERTEK___ENERGY 23856	26.63 0.03 0.00	24.10 0.05 0.00	22.31 -0.07 0.00	20.64 -0.10 0.00	20.35 -0.08 0.00	21.84 0.04 0.00	23.95 0.05 0.00	26.29 0.10 0.00	30.12 0.09 0.00	31.92 0.13 0.00	33.72 0.17 0.00	35.48 0.18 0.00	38.55 0.23 0.00	41.13 0.16 0.00	44.31 0.18 0.00	53.45 -0.11 0.00	58.54 -0.17 -0.52	61.88 0.12 0.00	57.62 -0.12 0.00	49.81 -0.15 0.00	42.06 0.00 0.00	38.19 0.08 0.00	34.46 0.07 0.00	30.84 -0.06 0.00
FITZPATRICK____ 23598	25.88 -0.72 0.00	23.43 -0.63 0.00	21.73 -0.65 0.00	20.14 -0.60 0.00	19.84 -0.59 0.00	21.25 -0.54 0.00	23.30 -0.60 0.00	25.51 -0.68 0.00	29.28 -0.75 0.00	30.97 -0.83 0.00	32.71 -0.84 0.00	34.39 -0.92 0.00	37.29 -1.03 0.00	39.82 -1.15 0.00	42.90 -1.24 0.00	51.84 -1.72 0.00	56.52 -1.98 -0.32	59.91 -1.85 0.00	55.88 -1.85 0.00	48.32 -1.65 0.00	40.80 -1.26 0.00	37.05 -1.07 0.00	33.46 -0.93 0.00	30.01 -0.90 0.00
FLOWRFLD_69_KV_BK1 356044	36.25 3.14 -6.50	33.83 2.67 -7.11	29.65 2.51 -4.76	23.11 2.37 0.00	22.58 2.15 0.00	23.97 2.18 0.00	26.07 2.17 0.00	30.99 2.91 -1.90	33.46 3.30 -0.13	37.17 3.91 -1.46	40.64 3.86 -3.23	46.11 3.99 -6.82	57.59 4.45 -14.82	115.88 4.88 -70.04	312.09 5.16 -262.79	817.46 6.80 -757.10	896.15 7.62 -830.34	902.76 8.40 -832.60	851.31 7.33 -786.24	313.78 6.00 -257.82	156.52 4.46 -110.00	116.58 4.12 -74.35	44.95 3.85 -6.71	39.52 3.18 -5.44
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.49 1.89 0.00	25.62 1.56 0.00	23.86 1.48 0.00	22.18 1.43 0.00	21.74 1.31 0.00	22.99 1.20 0.00	25.31 1.41 0.00	27.71 1.52 0.00	31.86 1.83 0.00	34.09 2.29 0.00	36.20 2.65 0.00	38.20 2.89 0.00	41.70 3.37 0.00	44.82 3.85 0.00	48.28 4.15 0.00	59.19 5.36 -0.28	69.84 6.05 -5.60	74.64 6.73 -6.15	71.90 5.66 -8.50	60.32 4.70 -5.66	46.83 3.45 -1.32	41.24 3.13 0.00	36.97 2.58 0.00	32.97 2.07 0.00
FORT ORANGE____ 23900	27.45 0.85 0.00	24.80 0.75 0.00	23.16 0.78 0.00	21.45 0.71 0.00	21.13 0.70 0.00	22.40 0.61 0.00	24.50 0.60 0.00	26.79 0.60 0.00	30.69 0.66 0.00	32.72 0.92 0.00	34.65 1.11 0.00	36.51 1.20 0.00	39.47 1.15 0.00	42.32 1.35 0.00	45.58 1.45 0.00	55.05 1.87 0.38	67.04 2.09 -6.77	76.79 2.41 -12.62	77.26 2.08 -17.45	63.43 1.85 -11.61	46.20 1.43 -2.71	39.41 1.30 0.00	35.59 1.20 0.00	31.98 1.08 0.00
FORT_DRUM_COGEN 23780	26.76 0.16 0.00	24.22 0.17 0.00	22.45 0.07 0.00	20.75 0.00 0.00	20.42 -0.02 0.00	21.86 0.07 0.00	24.02 0.12 0.00	26.11 -0.08 0.00	30.06 0.03 0.00	31.76 -0.03 0.00	33.48 -0.07 0.00	35.30 0.00 0.00	38.25 -0.08 0.00	40.68 -0.29 0.00	43.73 -0.40 0.00	52.86 -0.70 0.00	57.29 -1.16 0.00	60.89 -0.86 0.00	57.27 -0.46 0.00	49.91 -0.05 0.00	42.32 0.25 0.00	38.42 0.30 0.00	34.70 0.31 0.00	31.15 0.25 0.00
FPL_FAR_ROCK_GT1 24212	36.02 2.93 -6.49	33.67 2.50 -7.11	29.46 2.31 -4.77	22.93 2.18 0.00	22.42 1.98 0.00	23.75 1.96 0.00	25.93 2.03 0.00	30.76 2.67 -1.90	33.26 3.09 -0.13	36.99 3.75 -1.44	37.89 3.99 -0.35	42.01 4.31 -2.40	57.99 4.87 -14.80	66.48 5.32 -20.19	62.35 5.65 -12.57	71.72 7.34 -10.82	86.63 8.15 -20.29	110.53 9.08 -39.70	78.99 7.85 -13.41	61.97 6.40 -5.61	48.18 4.79 -1.32	42.55 4.42 -0.02	53.19 3.99 -14.81	43.75 3.52 -9.33
FPL_FAR_ROCK_GT2 23815	36.02 2.93 -6.49	33.67 2.50 -7.11	29.46 2.31 -4.77	22.93 2.18 0.00	22.42 1.98 0.00	23.75 1.96 0.00	25.93 2.03 0.00	30.76 2.67 -1.90	33.26 3.09 -0.13	36.99 3.75 -1.44	37.89 3.99 -0.35	42.01 4.31 -2.40	57.99 4.87 -14.80	66.48 5.32 -20.19	62.35 5.65 -12.57	71.72 7.34 -10.82	86.63 8.15 -20.29	110.53 9.08 -39.70	78.99 7.85 -13.41	61.97 6.40 -5.61	48.18 4.79 -1.32	42.55 4.42 -0.02	53.19 3.99 -14.81	43.75 3.52 -9.33
FRANKLIN_FALL_HYD 24054	26.12 -0.48 0.00	23.67 -0.38 0.00	22.11 -0.27 0.00	20.54 -0.21 0.00	20.23 -0.20 0.00	21.64 -0.15 0.00	23.90 0.00 0.00	26.27 0.08 0.00	30.03 0.00 0.00	31.45 -0.35 0.00	32.91 -0.64 0.00	34.78 -0.53 0.00	37.67 -0.65 0.00	40.23 -0.74 0.00	43.65 -0.49 0.00	53.39 -0.16 0.00	57.66 -0.52 0.00	60.89 -0.86 0.00	57.62 -0.12 0.00	50.11 0.15 0.00	42.44 0.38 0.00	38.23 0.11 0.00	34.84 0.45 0.00	31.52 0.62 0.00
FREEPORT_EQUS_GT1 23764	35.81 2.71 -6.49	33.47 2.31 -7.11	29.30 2.15 -4.77	22.80 2.05 0.00	22.31 1.88 0.00	23.62 1.83 0.00	25.79 1.89 0.00	30.60 2.51 -1.90	33.01 2.85 -0.13	36.74 3.50 -1.44	37.49 3.59 -0.35	41.41 3.71 -2.40	57.30 4.18 -14.80	65.74 4.59 -20.19	61.56 4.85 -12.57	70.80 6.42 -10.82	85.69 7.21 -20.29	109.48 8.03 -39.69	77.95 6.81 -13.41	61.12 5.55 -5.61	47.46 4.08 -1.32	42.21 4.08 -0.02	43.92 3.68 -5.85	39.28 3.31 -5.07
FREEPORT___CT2 23818	35.81 2.71 -6.49	33.47 2.31 -7.11	29.30 2.15 -4.77	22.80 2.05 0.00	22.31 1.88 0.00	23.62 1.83 0.00	25.79 1.89 0.00	30.60 2.51 -1.90	33.01 2.85 -0.13	36.74 3.50 -1.44	37.49 3.59 -0.35	41.41 3.71 -2.40	57.30 4.18 -14.80	65.74 4.59 -20.19	61.56 4.85 -12.57	70.80 6.42 -10.82	85.69 7.21 -20.29	109.48 8.03 -39.69	77.95 6.81 -13.41	61.12 5.55 -5.61	47.46 4.08 -1.32	42.21 4.08 -0.02	43.92 3.68 -5.85	39.28 3.31 -5.07
FRESHKLS_33_KV_LOAD 356253	28.91 2.31 0.00	25.87 1.83 0.01	24.01 1.63 0.01	22.38 1.64 0.01	21.90 1.47 0.01	23.05 1.26 0.01	25.33 1.43 0.01	28.17 1.99 0.01	32.42 2.40 0.01	34.87 3.08 0.01	36.73 3.19 0.01	36.84 3.21 1.68	37.48 3.95 4.79	37.09 4.30 8.18	38.17 4.46 10.41	44.82 6.00 14.73	60.83 6.75 4.11	62.23 7.53 7.07	55.21 6.35 8.87	39.46 4.90 15.40	42.60 3.49 2.96	41.54 3.43 0.01	37.47 3.13 0.05	34.23 2.47 -0.85
FULTON COGEN____ 23766	26.23 -0.37 0.00	23.74 -0.31 0.00	22.00 -0.38 0.00	20.35 -0.39 0.00	20.07 -0.37 0.00	21.51 -0.28 0.00	23.59 -0.31 0.00	25.82 -0.37 0.00	29.61 -0.42 0.00	31.38 -0.41 0.00	33.11 -0.44 0.00	34.78 -0.53 0.00	37.83 -0.50 0.00	40.35 -0.61 0.00	43.42 -0.71 0.00	52.43 -1.12 0.00	57.32 -1.28 -0.41	60.71 -1.05 0.00	56.58 -1.15 0.00	48.91 -1.05 0.00	41.31 -0.76 0.00	37.55 -0.57 0.00	33.87 -0.52 0.00	30.38 -0.53 0.00

FULTON___LFGE 323630	29.79 3.19 0.00	26.82 2.76 0.00	24.98 2.60 0.00	23.05 2.30 0.00	22.72 2.29 0.00	24.23 2.44 0.00	26.67 2.77 0.00	29.12 2.93 0.00	33.21 3.18 0.00	35.20 3.40 0.00	38.01 4.46 0.00	39.93 4.62 0.00	43.73 5.40 0.00	46.70 5.74 0.00	50.44 6.31 0.00	60.65 7.39 0.30	73.31 6.92 -8.20	89.16 8.21 -19.19	92.46 8.20 -26.53	74.52 6.90 -17.66	52.57 6.39 -4.11	43.57 5.45 0.00	38.69 4.30 0.00	34.49 3.58 0.00
G.F.CEMENT___DRP 24184	28.28 1.68 0.00	25.50 1.44 0.00	23.84 1.45 0.00	22.01 1.27 0.00	21.70 1.27 0.00	23.06 1.26 0.00	25.26 1.36 0.00	27.71 1.52 0.00	31.74 1.71 0.00	33.80 2.00 0.00	35.83 2.28 0.00	37.74 2.44 0.00	41.08 2.76 0.00	43.92 2.95 0.00	47.35 3.22 0.00	56.92 3.80 0.44	69.70 4.42 -7.10	86.84 4.88 -20.20	90.69 5.02 -27.93	72.70 4.15 -18.59	50.18 3.79 -4.33	41.28 3.16 0.00	36.87 2.48 0.00	32.91 2.01 0.00
GARDENVILLE___LBMP 24039	27.05 0.45 0.00	24.56 0.51 0.00	22.43 0.04 0.00	20.48 -0.27 0.00	20.27 -0.16 0.00	22.34 0.54 0.00	24.57 0.67 0.00	26.89 0.71 0.00	30.81 0.78 0.00	32.85 1.05 0.00	34.62 1.07 0.00	36.33 1.02 0.00	39.44 1.11 0.00	41.62 0.66 0.00	44.57 0.44 0.00	53.39 -0.16 0.00	56.94 -2.09 -0.85	62.84 0.12 -0.96	58.60 -0.46 -1.32	50.09 -0.75 -0.88	42.14 -0.13 -0.21	38.19 0.08 0.00	34.84 0.45 0.00	31.46 0.56 0.00
GARDNVLA_35_KV_LD 355827	27.19 0.59 0.00	24.68 0.63 0.00	22.54 0.16 0.00	20.58 -0.17 0.00	20.35 -0.08 0.00	22.45 0.65 0.00	24.66 0.76 0.00	27.03 0.84 0.00	30.96 0.93 0.00	33.04 1.24 0.00	34.82 1.27 0.00	36.58 1.27 0.00	39.70 1.38 0.00	41.91 0.94 0.00	44.88 0.75 0.00	53.77 0.21 0.00	57.24 -1.80 -0.85	63.28 0.56 -0.96	58.95 -0.12 -1.33	50.35 -0.50 -0.89	42.40 0.13 -0.21	38.38 0.27 0.00	35.01 0.62 0.00	31.61 0.71 0.00
GELCKHM___115KV_LOAD 80723	26.42 -0.19 0.00	23.91 -0.14 0.00	22.16 -0.22 0.00	20.50 -0.25 0.00	20.21 -0.22 0.00	21.66 -0.13 0.00	23.78 -0.12 0.00	26.08 -0.10 0.00	29.88 -0.15 0.00	31.70 -0.10 0.00	33.45 -0.10 0.00	35.20 -0.11 0.00	38.21 -0.11 0.00	40.81 -0.16 0.00	43.91 -0.22 0.00	53.02 -0.54 0.00	58.02 -0.64 -0.47	61.39 -0.37 0.00	57.21 -0.52 0.00	49.41 -0.55 0.00	41.73 -0.34 0.00	37.89 -0.23 0.00	34.18 -0.21 0.00	30.62 -0.28 0.00
GENERAL___MILLS 23808	27.11 0.51 0.00	24.61 0.55 0.00	22.47 0.09 0.00	20.54 -0.21 0.00	20.31 -0.12 0.00	22.38 0.59 0.00	24.62 0.72 0.00	26.95 0.76 0.00	30.87 0.84 0.00	32.94 1.14 0.00	34.72 1.17 0.00	36.43 1.13 0.00	39.55 1.23 0.00	41.75 0.78 0.00	44.70 0.57 0.00	53.56 0.00 0.00	57.06 -1.98 -0.85	63.09 0.37 -0.96	58.78 -0.29 -1.33	50.20 -0.65 -0.89	42.27 0.00 -0.21	38.31 0.19 0.00	34.94 0.55 0.00	31.55 0.65 0.00
GE_PLASTICS___DRP 24183	27.43 0.82 0.00	24.75 0.70 0.00	23.14 0.76 0.00	21.45 0.71 0.00	21.11 0.67 0.00	22.38 0.59 0.00	24.47 0.57 0.00	26.79 0.60 0.00	30.75 0.72 0.00	32.75 0.95 0.00	34.66 1.11 0.00	36.50 1.20 0.00	39.24 0.92 0.00	42.08 1.11 0.00	45.28 1.15 0.00	54.75 1.50 0.31	66.68 1.69 -6.81	75.21 1.91 -11.54	75.25 1.56 -15.95	61.98 1.40 -10.62	45.63 1.09 -2.47	39.07 0.95 0.00	35.49 1.10 0.00	31.77 0.87 0.00
GILBOA___1 23756	27.48 0.88 0.00	24.82 0.77 0.00	23.21 0.83 0.00	21.54 0.79 0.00	21.19 0.76 0.00	22.51 0.72 0.00	24.59 0.69 0.00	26.95 0.76 0.00	30.90 0.87 0.00	32.94 1.14 0.00	34.79 1.24 0.00	36.65 1.34 0.00	39.82 1.49 0.00	42.61 1.64 0.00	45.90 1.77 0.00	55.70 2.14 0.00	65.80 2.27 -5.35	69.79 2.47 -5.56	67.38 1.96 -7.68	56.97 1.90 -5.11	44.77 1.51 -1.19	39.49 1.37 0.00	35.56 1.17 0.00	32.01 1.11 0.00
GILBOA___2 23757	27.48 0.88 0.00	24.82 0.77 0.00	23.21 0.83 0.00	21.54 0.79 0.00	21.19 0.76 0.00	22.51 0.72 0.00	24.59 0.69 0.00	26.95 0.76 0.00	30.90 0.87 0.00	32.94 1.14 0.00	34.79 1.24 0.00	36.65 1.34 0.00	39.82 1.49 0.00	42.61 1.64 0.00	45.90 1.77 0.00	55.70 2.14 0.00	65.80 2.27 -5.35	69.79 2.47 -5.56	67.38 1.96 -7.68	56.97 1.90 -5.11	44.77 1.51 -1.19	39.49 1.37 0.00	35.56 1.17 0.00	32.01 1.11 0.00
GILBOA___3 23758	27.48 0.88 0.00	24.82 0.77 0.00	23.21 0.83 0.00	21.54 0.79 0.00	21.19 0.76 0.00	22.51 0.72 0.00	24.59 0.69 0.00	26.95 0.76 0.00	30.90 0.87 0.00	32.94 1.14 0.00	34.79 1.24 0.00	36.65 1.34 0.00	39.82 1.49 0.00	42.61 1.64 0.00	45.90 1.77 0.00	55.70 2.14 0.00	65.80 2.27 -5.35	69.79 2.47 -5.56	67.38 1.96 -7.68	56.97 1.90 -5.11	44.77 1.51 -1.19	39.49 1.37 0.00	35.56 1.17 0.00	32.01 1.11 0.00
GILBOA___4 23759	27.48 0.88 0.00	24.82 0.77 0.00	23.21 0.83 0.00	21.54 0.79 0.00	21.19 0.76 0.00	22.51 0.72 0.00	24.59 0.69 0.00	26.95 0.76 0.00	30.90 0.87 0.00	32.94 1.14 0.00	34.79 1.24 0.00	36.65 1.34 0.00	39.82 1.49 0.00	42.61 1.64 0.00	45.90 1.77 0.00	55.70 2.14 0.00	65.80 2.27 -5.35	69.79 2.47 -5.56	67.38 1.96 -7.68	56.97 1.90 -5.11	44.77 1.51 -1.19	39.49 1.37 0.00	35.56 1.17 0.00	32.01 1.11 0.00
GILBOA___ 23599	27.48 0.88 0.00	24.80 0.75 0.00	23.21 0.83 0.00	21.54 0.79 0.00	21.19 0.76 0.00	22.51 0.72 0.00	24.59 0.69 0.00	26.95 0.76 0.00	30.93 0.90 0.00	32.94 1.14 0.00	34.82 1.27 0.00	36.65 1.34 0.00	39.82 1.49 0.00	42.65 1.68 0.00	45.90 1.77 0.00	55.70 2.14 0.00	65.80 2.27 -5.35	69.72 2.41 -5.56	67.38 1.96 -7.68	56.97 1.90 -5.11	44.77 1.51 -1.19	39.49 1.37 0.00	35.56 1.17 0.00	31.83 0.93 0.00
GINNA___ 23603	25.59 -1.01 0.00	23.23 -0.82 0.00	21.31 -1.07 0.00	19.65 -1.10 0.00	19.33 -1.10 0.00	21.01 -0.78 0.00	23.06 -0.84 0.00	25.35 -0.84 0.00	29.22 -0.81 0.00	31.00 -0.79 0.00	32.78 -0.77 0.00	34.46 -0.85 0.00	37.25 -1.07 0.00	39.62 -1.35 0.00	42.54 -1.59 0.00	50.88 -2.68 0.00	55.30 -3.49 -0.61	59.56 -2.84 -0.64	55.68 -2.94 -0.88	47.95 -2.60 -0.59	40.47 -1.73 -0.14	36.59 -1.53 0.00	33.08 -1.31 0.00	29.51 -1.39 0.00
GLEN PARK___ 23778	26.87 0.27 0.00	24.29 0.24 0.00	22.52 0.14 0.00	20.81 0.06 0.00	20.48 0.04 0.00	21.92 0.13 0.00	24.09 0.19 0.00	26.14 -0.05 0.00	30.18 0.15 0.00	31.92 0.13 0.00	33.68 0.13 0.00	35.55 0.25 0.00	38.48 0.15 0.00	40.89 -0.08 0.00	43.95 -0.18 0.00	53.13 -0.43 0.00	57.42 -1.05 -0.28	61.08 -0.68 0.00	57.45 -0.29 0.00	50.16 0.20 0.00	42.53 0.46 0.00	38.61 0.49 0.00	34.84 0.45 0.00	31.21 0.31 0.00
GLENDALE_27_KV_LOAD 356172	29.02 2.42 0.00	26.00 1.95 0.00	24.17 1.79 0.00	22.53 1.78 0.00	22.09 1.66 0.00	23.27 1.48 0.00	25.55 1.65 0.00	28.39 2.20 0.00	32.61 2.58 0.00	35.02 3.21 -0.01	37.01 3.46 -0.01	38.81 3.50 -0.01	42.50 4.18 0.00	45.52 4.55 0.00	48.85 4.72 0.00	60.19 6.27 -0.37	78.16 6.98 -12.99	78.14 7.78 -8.60	70.96 6.52 -6.70	55.14 5.10 -0.08	47.03 3.66 -1.30	41.70 3.58 0.00	37.66 3.27 -0.01	33.51 2.60 -0.01

GLENWOOD_IC_1_G5 23712	35.48 2.39 -6.49	33.18 2.02 -7.11	29.03 1.88 -4.76	22.57 1.83 0.00	22.11 1.68 0.00	23.40 1.61 0.00	25.62 1.72 0.00	30.31 2.23 -1.90	32.80 2.64 -0.13	36.45 3.21 -1.44	37.36 3.46 -0.35	41.12 3.42 -2.40	57.15 4.02 -14.80	65.62 4.47 -20.19	61.42 4.72 -12.57	70.54 6.16 -10.82	85.46 6.98 -20.29	109.17 7.72 -39.70	77.67 6.52 -13.41	60.82 5.25 -5.61	47.25 3.87 -1.32	41.64 3.51 -0.02	41.40 3.06 -3.95	37.69 2.63 -4.16
GLENWOOD_IC_2_G1 23688	35.30 2.21 -6.49	33.01 1.85 -7.11	28.87 1.72 -4.76	22.43 1.68 0.00	21.99 1.55 0.00	23.23 1.44 0.00	25.48 1.58 0.00	30.10 2.02 -1.90	32.50 2.34 -0.13	36.13 2.89 -1.44	36.95 3.05 -0.35	40.91 3.21 -2.40	56.92 3.79 -14.80	65.34 4.18 -20.19	61.16 4.46 -12.57	70.27 5.89 -10.82	85.17 6.69 -20.29	108.86 7.41 -39.70	77.32 6.18 -13.41	60.57 5.00 -5.61	47.00 3.62 -1.32	41.49 3.36 -0.02	39.27 2.96 -1.92	36.83 2.72 -3.20
GLENWOOD_IC_3_G1 23689	35.30 2.21 -6.49	33.01 1.85 -7.11	28.87 1.72 -4.76	22.43 1.68 0.00	21.99 1.55 0.00	23.23 1.44 0.00	25.48 1.58 0.00	30.10 2.02 -1.90	32.50 2.34 -0.13	36.13 2.89 -1.44	36.95 3.05 -0.35	40.91 3.21 -2.40	56.92 3.79 -14.80	65.34 4.18 -20.19	61.16 4.46 -12.57	70.27 5.89 -10.82	85.17 6.69 -20.29	108.86 7.41 -39.70	77.32 6.18 -13.41	60.57 5.00 -5.61	47.00 3.62 -1.32	41.49 3.36 -0.02	39.27 2.96 -1.92	36.83 2.72 -3.20
GLENWOOD___4 23550	35.48 2.39 -6.49	33.18 2.02 -7.11	29.03 1.88 -4.76	22.57 1.83 0.00	22.11 1.68 0.00	23.40 1.61 0.00	25.62 1.72 0.00	30.31 2.23 -1.90	32.80 2.64 -0.13	36.45 3.21 -1.44	37.36 3.46 -0.35	41.23 3.53 -2.40	57.22 4.10 -14.80	65.70 4.55 -20.19	61.56 4.85 -12.57	70.64 6.27 -10.82	85.64 7.16 -20.29	109.36 7.91 -39.70	77.84 6.70 -13.41	60.92 5.35 -5.61	47.34 3.95 -1.32	41.75 3.62 -0.02	41.50 3.16 -3.95	37.69 2.63 -4.16
GLENWOOD___5 23614	35.48 2.39 -6.49	33.18 2.02 -7.11	29.03 1.88 -4.76	22.57 1.83 0.00	22.11 1.68 0.00	23.40 1.61 0.00	25.62 1.72 0.00	30.31 2.23 -1.90	32.80 2.64 -0.13	36.45 3.21 -1.44	37.36 3.46 -0.35	41.23 3.53 -2.40	57.22 4.10 -14.80	65.70 4.55 -20.19	61.56 4.85 -12.57	70.64 6.27 -10.82	85.64 7.16 -20.29	109.36 7.91 -39.70	77.84 6.70 -13.41	60.92 5.35 -5.61	47.34 3.95 -1.32	41.75 3.62 -0.02	41.50 3.16 -3.95	37.69 2.63 -4.16
GLOBAL GREEN_PORT_GT1 23814	37.49 4.39 -6.50	34.96 3.80 -7.11	30.68 3.54 -4.76	23.98 3.24 0.00	23.42 2.98 0.00	24.89 3.09 0.00	27.08 3.18 0.00	32.25 4.16 -1.90	34.87 4.71 -0.13	39.04 5.79 -1.45	42.47 6.11 -2.82	46.54 6.60 -4.64	60.65 7.51 -14.81	118.51 8.20 -69.34	130.47 8.78 -77.56	223.27 11.25 -158.46	258.40 12.22 -187.99	272.24 11.80 -198.68	231.78 11.83 -162.21	231.38 9.79 -171.63	122.85 7.49 -73.30	100.84 6.78 -55.94	48.38 6.02 -7.97	42.27 5.35 -6.02
GLOBE___DSASP 323697	26.12 -0.48 0.00	23.74 -0.31 0.00	21.69 -0.69 0.00	19.73 -1.02 0.00	19.54 -0.90 0.00	21.57 -0.22 0.00	23.83 -0.07 0.00	25.90 -0.29 0.00	29.67 -0.36 0.00	31.57 -0.22 0.00	33.25 -0.30 0.00	34.78 -0.53 0.00	37.75 -0.57 0.00	39.70 -1.27 0.00	42.50 -1.63 0.00	50.88 -2.68 0.00	54.55 -4.42 -0.78	59.85 -2.78 -0.87	55.82 -3.12 -1.21	47.82 -2.95 -0.80	40.36 -1.89 -0.19	36.55 -1.56 0.00	33.46 -0.93 0.00	30.32 -0.59 0.00
GOETHSLN___LBMP 323567	28.60 2.00 0.00	25.66 1.61 0.00	23.88 1.50 0.00	22.30 1.56 0.00	21.87 1.43 0.00	23.01 1.22 0.00	25.29 1.39 0.00	27.99 1.81 0.00	32.19 2.16 0.00	34.50 2.70 0.00	36.40 2.85 0.00	36.53 2.89 1.67	36.99 3.45 4.78	36.69 3.89 8.17	37.78 4.06 10.41	44.35 5.52 14.72	60.37 6.28 4.10	61.68 6.98 7.06	54.70 5.83 8.86	39.12 4.55 15.39	42.27 3.15 2.95	41.09 2.97 0.00	36.97 2.61 0.04	33.00 2.10 0.00
GOLAH___69_KV_TB 1_2 80279	27.08 0.48 0.00	24.63 0.58 0.00	22.52 0.13 0.00	20.62 -0.12 0.00	20.39 -0.04 0.00	22.29 0.50 0.00	24.50 0.60 0.00	26.84 0.65 0.00	30.75 0.72 0.00	32.75 0.95 0.00	34.66 1.11 0.00	36.43 1.13 0.00	39.47 1.15 0.00	41.79 0.82 0.00	44.84 0.71 0.00	53.45 -0.11 0.00	57.72 -1.11 -0.64	62.38 -0.06 -0.68	58.33 -0.35 -0.94	50.19 -0.40 -0.63	42.38 0.17 -0.15	38.50 0.38 0.00	34.94 0.55 0.00	31.46 0.56 0.00
GOODYEAR_LAKE_HYD 323669	28.06 1.46 0.00	25.30 1.25 0.00	23.55 1.16 0.00	21.78 1.04 0.00	21.44 1.00 0.00	22.90 1.11 0.00	25.14 1.24 0.00	27.52 1.34 0.00	31.56 1.53 0.00	33.64 1.84 0.00	35.59 2.05 0.00	37.46 2.15 0.00	40.70 2.38 0.00	43.47 2.50 0.00	46.73 2.60 0.00	56.61 3.05 0.00	62.46 3.32 -0.96	73.03 3.89 -7.38	71.40 3.46 -10.21	59.75 3.00 -6.79	46.30 2.65 -1.58	40.48 2.36 0.00	36.35 1.96 0.00	32.51 1.61 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.08 0.48 0.00	24.46 0.41 0.00	22.63 0.25 0.00	20.91 0.17 0.00	20.62 0.18 0.00	22.21 0.41 0.00	24.38 0.48 0.00	26.74 0.55 0.00	30.66 0.63 0.00	32.62 0.83 0.00	34.45 0.91 0.00	36.26 0.95 0.00	39.40 1.07 0.00	42.03 1.07 0.00	45.19 1.06 0.00	54.57 1.02 0.00	60.42 0.64 -1.60	65.33 1.54 -2.02	61.69 1.15 -2.80	52.62 0.80 -1.86	43.30 0.80 -0.43	38.92 0.80 0.00	35.08 0.69 0.00	31.43 0.53 0.00
GOUDEY___7 23579	27.11 0.51 0.00	24.48 0.43 0.00	22.65 0.27 0.00	20.93 0.19 0.00	20.64 0.20 0.00	22.23 0.44 0.00	24.40 0.50 0.00	26.76 0.58 0.00	30.69 0.66 0.00	32.65 0.86 0.00	34.49 0.94 0.00	36.29 0.99 0.00	39.47 1.15 0.00	42.08 1.11 0.00	45.23 1.10 0.00	54.63 1.07 0.00	60.48 0.70 -1.60	65.45 1.67 -2.02	61.74 1.21 -2.80	52.72 0.90 -1.86	43.34 0.84 -0.43	38.99 0.88 0.00	35.15 0.76 0.00	31.46 0.56 0.00
GOUDEY___8 23580	27.08 0.48 0.00	24.46 0.41 0.00	22.63 0.25 0.00	20.91 0.17 0.00	20.62 0.18 0.00	22.21 0.41 0.00	24.38 0.48 0.00	26.74 0.55 0.00	30.66 0.63 0.00	32.62 0.83 0.00	34.45 0.91 0.00	36.26 0.95 0.00	39.40 1.07 0.00	42.03 1.07 0.00	45.19 1.06 0.00	54.57 1.02 0.00	60.42 0.64 -1.60	65.33 1.54 -2.02	61.69 1.15 -2.80	52.62 0.80 -1.86	43.30 0.80 -0.43	38.92 0.80 0.00	35.08 0.69 0.00	31.43 0.53 0.00
GOWANUS_GT1_1 24077	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1.75 0.00	22.49 1.74 0.00	22.03 1.59 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.33 2.15 0.00	32.58 2.55 0.00	35.02 3.21 -0.01	36.98 3.42 -0.01	38.77 3.46 -0.01	42.56 4.18 -0.06	80.13 4.51 -34.66	58.57 4.68 -9.76	82.91 6.16 -23.20	94.36 6.87 -29.31	142.47 7.66 -73.05	78.57 6.41 -14.42	78.39 5.00 -23.43	47.04 3.62 -1.36	41.76 3.58 -0.06	43.89 3.27 -6.24	35.19 2.60 -1.69
GOWANUS_GT1_2 24078	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1.75 0.00	22.49 1.74 0.00	22.03 1.59 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.33 2.15 0.00	32.58 2.55 0.00	35.02 3.21 -0.01	36.98 3.42 -0.01	38.77 3.46 -0.01	42.56 4.18 -0.06	80.13 4.51 -34.66	58.57 4.68 -9.76	82.91 6.16 -23.20	94.36 6.87 -29.31	142.47 7.66 -73.05	78.57 6.41 -14.42	78.39 5.00 -23.43	47.04 3.62 -1.36	41.76 3.58 -0.06	43.89 3.27 -6.24	35.19 2.60 -1.69

GOWANUS_GT1_3 24079	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1.75 0.00	22.49 1.74 0.00	22.03 1.59 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.33 2.15 0.00	32.58 2.55 0.00	35.02 3.21 -0.01	36.98 3.42 -0.01	38.77 3.46 -0.01	42.56 4.18 -0.06	80.13 4.51 -34.66	58.57 4.68 -9.76	82.91 6.16 -23.20	94.36 6.87 -29.31	142.47 7.66 -73.05	78.57 6.41 -14.42	78.39 5.00 -23.43	47.04 3.62 -1.36	41.76 3.58 -0.06	43.89 3.27 -6.24	35.19 2.60 -1.69
GOWANUS_GT1_4 24080	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1.75 0.00	22.49 1.74 0.00	22.03 1.59 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.33 2.15 0.00	32.58 2.55 0.00	35.02 3.21 -0.01	36.98 3.42 -0.01	38.77 3.46 -0.01	42.56 4.18 -0.06	80.13 4.51 -34.66	58.57 4.68 -9.76	82.91 6.16 -23.20	94.36 6.87 -29.31	142.47 7.66 -73.05	78.57 6.41 -14.42	78.39 5.00 -23.43	47.04 3.62 -1.36	41.76 3.58 -0.06	43.89 3.27 -6.24	35.19 2.60 -1.69
GOWANUS_GT1_5 24084	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1.75 0.00	22.49 1.74 0.00	22.03 1.59 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.33 2.15 0.00	32.58 2.55 0.00	35.02 3.21 -0.01	36.98 3.42 -0.01	38.77 3.46 -0.01	42.56 4.18 -0.06	80.13 4.51 -34.66	58.57 4.68 -9.76	82.91 6.16 -23.20	94.36 6.87 -29.31	142.47 7.66 -73.05	78.57 6.41 -14.42	78.39 5.00 -23.43	47.04 3.62 -1.36	41.76 3.58 -0.06	43.89 3.27 -6.24	35.19 2.60 -1.69
GOWANUS_GT1_6 24111	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1.75 0.00	22.49 1.74 0.00	22.03 1.59 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.33 2.15 0.00	32.58 2.55 0.00	35.02 3.21 -0.01	36.98 3.42 -0.01	38.77 3.46 -0.01	42.56 4.18 -0.06	80.13 4.51 -34.66	58.57 4.68 -9.76	82.91 6.16 -23.20	94.36 6.87 -29.31	142.47 7.66 -73.05	78.57 6.41 -14.42	78.39 5.00 -23.43	47.04 3.62 -1.36	41.76 3.58 -0.06	43.89 3.27 -6.24	35.19 2.60 -1.69
GOWANUS_GT1_7 24112	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1.75 0.00	22.49 1.74 0.00	22.03 1.59 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.33 2.15 0.00	32.58 2.55 0.00	35.02 3.21 -0.01	36.98 3.42 -0.01	38.77 3.46 -0.01	42.56 4.18 -0.06	80.13 4.51 -34.66	58.57 4.68 -9.76	82.91 6.16 -23.20	94.36 6.87 -29.31	142.47 7.66 -73.05	78.57 6.41 -14.42	78.39 5.00 -23.43	47.04 3.62 -1.36	41.76 3.58 -0.06	43.89 3.27 -6.24	35.19 2.60 -1.69
GOWANUS_GT1_8 24113	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1.75 0.00	22.49 1.74 0.00	22.03 1.59 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.33 2.15 0.00	32.58 2.55 0.00	35.02 3.21 -0.01	36.98 3.42 -0.01	38.77 3.46 -0.01	42.56 4.18 -0.06	80.13 4.51 -34.66	58.57 4.68 -9.76	82.91 6.16 -23.20	94.36 6.87 -29.31	142.47 7.66 -73.05	78.57 6.41 -14.42	78.39 5.00 -23.43	47.04 3.62 -1.36	41.76 3.58 -0.06	43.89 3.27 -6.24	35.19 2.60 -1.69
GOWANUS_GT2_1 24114	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
GOWANUS_GT2_2 24115	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1																					

GOWANUS_GT3_2 24123	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
GOWANUS_GT3_3 24124	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
GOWANUS_GT3_4 24125	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
GOWANUS_GT3_5 24126	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
GOWANUS_GT3_6 24127	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
GOWANUS_GT3_7 24128	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
GOWANUS_GT3_8 24129	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
GOWANUS_GT4_1 24130	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1																					

GREENBSH_115KV_TB3 55895	27.29 0.69 0.00	24.65 0.60 0.00	23.05 0.67 0.00	21.35 0.60 0.00	21.05 0.61 0.00	22.29 0.50 0.00	24.35 0.45 0.00	26.66 0.47 0.00	30.60 0.57 0.00	32.59 0.79 0.00	34.52 0.97 0.00	36.36 1.06 0.00	39.28 0.96 0.00	42.12 1.15 0.00	45.37 1.24 0.00	54.70 1.55 0.40	66.84 1.86 -6.79	76.76 2.10 -12.90	77.24 1.67 -17.83	63.33 1.50 -11.87	45.97 1.14 -2.77	39.15 1.03 0.00	35.35 0.96 0.00	31.61 0.71 0.00
GREENDGE_115KV_TB5 80291	27.13 0.53 0.00	24.53 0.48 0.00	22.56 0.18 0.00	20.79 0.04 0.00	20.52 0.08 0.00	22.32 0.52 0.00	24.55 0.65 0.00	27.00 0.81 0.00	30.90 0.87 0.00	32.88 1.08 0.00	34.79 1.24 0.00	36.26 0.95 0.00	39.44 1.11 0.00	41.91 0.94 0.00	45.01 0.88 0.00	54.04 0.48 0.00	59.24 0.06 -0.99	64.15 1.24 -1.16	60.26 0.92 -1.60	51.58 0.55 -1.07	43.07 0.76 -0.25	38.92 0.80 0.00	35.18 0.79 0.00	31.58 0.68 0.00
GREENIDGE___3 23582	27.13 0.53 0.00	24.53 0.48 0.00	22.56 0.18 0.00	20.79 0.04 0.00	20.52 0.08 0.00	22.32 0.52 0.00	24.55 0.65 0.00	27.00 0.81 0.00	30.90 0.87 0.00	32.88 1.08 0.00	34.79 1.24 0.00	36.26 0.95 0.00	39.44 1.11 0.00	41.91 0.94 0.00	45.01 0.88 0.00	54.04 0.48 0.00	59.24 0.06 -0.99	64.15 1.24 -1.16	60.26 0.92 -1.60	51.58 0.55 -1.07	43.07 0.76 -0.25	38.92 0.80 0.00	35.18 0.79 0.00	31.58 0.68 0.00
GREENIDGE___4 23583	27.13 0.53 0.00	24.53 0.48 0.00	22.56 0.18 0.00	20.83 0.08 0.00	20.54 0.10 0.00	22.31 0.52 0.00	24.55 0.65 0.00	27.00 0.81 0.00	30.99 0.96 0.00	32.88 1.08 0.00	34.86 1.31 0.00	36.33 1.02 0.00	39.44 1.11 0.00	41.99 1.02 0.00	45.10 0.97 0.00	54.20 0.64 0.00	59.24 0.06 -0.99	64.28 1.36 -1.16	60.32 0.98 -1.60	51.68 0.65 -1.07	43.15 0.84 -0.25	38.92 0.80 0.00	35.18 0.79 0.00	31.55 0.65 0.00
GREENLWN_69_KV_BK 3 55738	35.29 2.21 -6.48	33.06 1.90 -7.11	28.91 1.77 -4.76	22.47 1.72 0.00	21.97 1.53 0.00	23.27 1.48 0.00	25.31 1.41 0.00	30.13 2.04 -1.90	32.56 2.40 -0.13	36.16 2.93 -1.44	36.49 3.05 0.11	39.36 3.18 -0.88	56.84 3.72 -14.80	51.58 4.18 -6.44	31.78 4.46 16.81	-12.68 6.00 72.23	-28.56 6.75 93.49	1.01 7.47 68.22	-23.55 6.35 87.63	1.69 5.15 53.42	22.05 3.79 23.80	29.21 3.43 12.34	37.58 3.03 -0.17	35.63 2.35 -2.37
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1.75 0.00	22.49 1.74 0.00	22.03 1.59 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.33 2.15 0.00	32.58 2.55 0.00	35.02 3.21 -0.01	36.98 3.42 -0.01	38.77 3.46 -0.01	42.56 4.18 -0.06	80.13 4.51 -34.66	58.57 4.68 -9.76	82.91 6.16 -23.20	94.36 6.87 -29.31	142.47 7.66 -73.05	78.57 6.41 -14.42	78.39 5.00 -23.43	47.04 3.62 -1.36	41.76 3.58 -0.06	43.89 3.27 -6.24	35.19 2.60 -1.69
GRISSOM___SOLAR 323813	29.79 3.19 0.00	26.82 2.76 0.00	24.98 2.60 0.00	23.05 2.30 0.00	22.72 2.29 0.00	24.23 2.44 0.00	26.67 2.77 0.00	29.12 2.93 0.00	33.21 3.18 0.00	35.20 3.40 0.00	38.01 4.46 0.00	39.93 4.62 0.00	43.73 5.40 0.00	46.70 5.74 0.00	50.44 6.31 0.00	60.65 7.39 0.30	73.31 6.92 -8.20	89.16 8.21 -19.19	92.46 8.20 -26.53	74.52 6.90 -17.66	52.57 6.39 -4.11	43.57 5.45 0.00	38.69 4.30 0.00	34.49 3.58 0.00
GROVEVILLE___HYD 323602	28.49 1.89 0.00	25.62 1.56 0.00	23.86 1.48 0.00	22.18 1.43 0.00	21.74 1.31 0.00	22.99 1.20 0.00	25.31 1.41 0.00	27.71 1.52 0.00	31.86 1.83 0.00	34.09 2.29 0.00	36.20 2.65 0.00	38.20 2.89 0.00	41.70 3.37 0.00	44.82 3.85 0.00	48.28 4.15 0.00	59.19 5.36 -0.28	69.84 6.05 -5.60	74.64 6.73 -6.15	71.90 5.66 -8.50	60.32 4.70 -5.66	46.83 3.45 -1.32	41.24 3.13 0.00	36.97 2.58 0.00	32.97 2.07 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.63 0.03 0.00	24.10 0.05 0.00	22.31 -0.07 0.00	20.64 -0.10 0.00	20.35 -0.08 0.00	21.84 0.04 0.00	23.95 0.05 0.00	26.29 0.10 0.00	30.12 0.09 0.00	31.92 0.13 0.00	33.72 0.17 0.00	35.48 0.18 0.00	38.55 0.23 0.00	41.13 0.16 0.00	44.31 0.18 0.00	53.45 -0.11 0.00	58.54 -0.17 -0.52	61.88 0.12 0.00	57.62 -0.12 0.00	49.81 -0.15 0.00	42.06 0.00 0.00	38.19 0.08 0.00	34.46 0.07 0.00	30.84 -0.06 0.00
HAMLTNNY_34_KV_TB 80303	26.73 0.13 0.00	24.20 0.14 0.00	22.38 0.00 0.00	20.71 -0.04 0.00	20.42 -0.02 0.00	21.92 0.13 0.00	24.04 0.14 0.00	26.40 0.21 0.00	30.27 0.24 0.00	32.11 0.32 0.00	33.88 0.34 0.00	35.62 0.32 0.00	38.71 0.38 0.00	41.30 0.33 0.00	44.44 0.31 0.00	53.66 0.11 0.00	58.74 0.00 -0.56	62.77 0.43 -0.58	58.71 0.17 -0.80	50.59 0.10 -0.53	42.40 0.21 -0.12	38.42 0.30 0.00	34.63 0.24 0.00	31.00 0.09 0.00
HAMPSHIRE___PAPER_HYD 323593	26.50 -0.11 0.00	23.96 -0.10 0.00	22.29 -0.09 0.00	20.62 -0.12 0.00	20.31 -0.12 0.00	21.71 -0.09 0.00	23.88 -0.02 0.00	26.06 -0.13 0.00	29.79 -0.24 0.00	31.29 -0.51 0.00	32.81 -0.74 0.00	34.53 -0.78 0.00	37.40 -0.92 0.00	39.78 -1.19 0.00	42.90 -1.24 0.00	52.11 -1.44 0.00	56.47 -1.86 -0.14	59.66 -2.10 0.00	56.23 -1.50 0.00	48.91 -1.05 0.00	41.39 -0.67 0.00	37.55 -0.57 0.00	34.29 -0.10 0.00	30.78 -0.12 0.00
HARDSCRABBLE_WT_PWR 323673	26.36 -0.24 0.00	23.84 -0.22 0.00	22.16 -0.22 0.00	20.54 -0.21 0.00	20.25 -0.18 0.00	21.60 -0.20 0.00	23.73 -0.17 0.00	25.98 -0.21 0.00	29.82 -0.21 0.00	31.67 -0.13 0.00	33.62 0.07 0.00	35.34 0.04 0.00	38.29 -0.04 0.00	40.93 -0.04 0.00	44.09 -0.04 0.00	53.45 -0.11 0.00	57.90 -0.29 0.00	61.63 -0.12 0.00	57.56 -0.17 0.00	49.86 -0.10 0.00	41.94 -0.13 0.00	38.04 -0.08 0.00	34.32 -0.07 0.00	30.84 -0.06 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.25 1.65 0.00	25.40 1.35 0.00	23.64 1.25 0.00	21.99 1.24 0.00	21.58 1.14 0.00	22.82 1.02 0.00	25.12 1.22 0.00	27.52 1.34 0.00	31.65 1.62 0.00	33.86 2.07 0.00	35.96 2.42 0.00	37.92 2.61 0.00	41.39 3.07 0.00	44.41 3.44 0.00	47.84 3.71 0.00	58.63 4.77 -0.31	68.87 5.53 -5.16	73.47 6.11 -5.60	70.56 5.08 -7.74	59.21 4.10 -5.15	46.21 2.94 -1.20	40.82 2.71 0.00	36.63 2.24 0.00	32.63 1.73 0.00
HARSNRAD_115KV_TB1 81005	26.81 0.21 0.00	24.36 0.31 0.00	22.25 -0.13 0.00	20.27 -0.48 0.00	20.09 -0.35 0.00	22.14 0.35 0.00	24.28 0.38 0.00	26.55 0.37 0.00	30.42 0.39 0.00	32.40 0.60 0.00	34.15 0.60 0.00	35.80 0.49 0.00	38.82 0.50 0.00	40.89 -0.08 0.00	43.78 -0.35 0.00	52.32 -1.23 0.00	55.99 -2.97 -0.77	61.50 -1.11 -0.86	57.30 -1.62 -1.18	49.15 -1.60 -0.79	41.49 -0.76 -0.18	37.58 -0.53 0.00	34.39 0.00 0.00	31.15 0.25 0.00
HARZA MOOSE___RIVER 24016	26.97 0.37 0.00	24.39 0.34 0.00	22.65 0.27 0.00	20.95 0.21 0.00	20.62 0.18 0.00	22.03 0.24 0.00	24.21 0.31 0.00	26.45 0.26 0.00	30.36 0.33 0.00	32.18 0.38 0.00	34.02 0.47 0.00	35.80 0.49 0.00	38.82 0.50 0.00	41.42 0.45 0.00	44.53 0.40 0.00	53.82 0.27 0.00	58.60 0.23 -0.18	62.25 0.49 0.00	58.31 0.58 0.00	50.61 0.65 0.00	42.74 0.67 0.00	38.73 0.61 0.00	34.97 0.58 0.00	31.37 0.46 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	26.44 -0.16 0.00	23.93 -0.12 0.00	22.16 -0.22 0.00	20.50 -0.25 0.00	20.21 -0.22 0.00	21.68 -0.11 0.00	23.78 -0.12 0.00	26.11 -0.08 0.00	29.91 -0.12 0.00	31.70 -0.10 0.00	33.48 -0.07 0.00	35.23 -0.07 0.00	38.29 -0.04 0.00	40.85 -0.12 0.00	44.00 -0.13 0.00	53.13 -0.43 0.00	58.08 -0.58 -0.48	61.45 -0.31 0.00	57.21 -0.52 0.00	49.46 -0.50 0.00	41.77 -0.29 0.00	37.93 -0.19 0.00	34.18 -0.21 0.00	30.62 -0.28 0.00
HELLGATE_13_KV_LD 55870	28.87 2.26 0.00	25.91 1.85 0.00	24.09 1.70 0.00	22.45 1.70 0.00	22.01 1.57 0.00	23.17 1.37 0.00	25.43 1.53 0.00	28.26 2.07 0.00	32.43 2.40 0.00	34.82 3.02 -0.01	36.78 3.22 -0.01	38.53 3.21 -0.01	42.20 3.87 0.00	45.23 4.26 0.00	48.50 4.37 0.00	59.71 5.78 -0.37	77.58 6.40 -12.99	77.77 7.23 -8.79	70.79 5.95 -7.11	55.99 4.65 -1.38	46.65 3.28 -1.30	41.40 3.28 0.00	37.39 2.99 -0.01	33.32 2.41 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.87 2.26 0.00	25.91 1.85 0.00	24.09 1.70 0.00	22.45 1.70 0.00	22.01 1.57 0.00	23.17 1.37 0.00	25.43 1.53 0.00	28.26 2.07 0.00	32.43 2.40 0.00	34.82 3.02 -0.01	36.78 3.22 -0.01	38.53 3.21 -0.01	42.20 3.87 0.00	45.23 4.26 0.00	48.50 4.37 0.00	59.71 5.78 -0.37	77.58 6.40 -12.99	77.77 7.23 -8.79	70.79 5.95 -7.11	55.99 4.65 -1.38	46.65 3.28 -1.30	41.40 3.28 0.00	37.39 2.99 -0.01	33.32 2.41 -0.01
HEMPSTEAD____ 23647	35.51 2.42 -6.49	33.21 2.04 -7.11	29.07 1.93 -4.77	22.59 1.85 0.00	22.11 1.68 0.00	23.40 1.61 0.00	25.57 1.67 0.00	30.34 2.25 -1.90	32.74 2.58 -0.13	36.42 3.18 -1.44	37.15 3.25 -0.35	41.09 3.39 -2.40	57.11 3.99 -14.80	65.54 4.39 -20.19	61.34 4.63 -12.57	70.53 6.16 -10.82	85.40 6.92 -20.29	109.17 7.72 -39.69	77.61 6.46 -13.41	60.82 5.24 -5.61	47.21 3.83 -1.32	41.76 3.62 -0.02	42.21 3.23 -4.59	38.34 2.97 -4.47
HEWLETT__69_KV_BK3 55828	35.83 2.74 -6.49	33.49 2.33 -7.11	29.32 2.17 -4.76	22.82 2.07 0.00	22.32 1.88 0.00	23.64 1.85 0.00	25.79 1.89 0.00	30.60 2.51 -1.90	33.13 2.97 -0.13	36.77 3.53 -1.44	37.66 3.76 -0.35	41.73 4.02 -2.40	57.76 4.64 -14.80	66.20 5.04 -20.19	62.00 5.30 -12.57	71.23 6.86 -10.82	86.16 7.68 -20.29	109.98 8.52 -39.70	78.53 7.39 -13.41	61.57 6.00 -5.61	47.93 4.54 -1.32	42.25 4.12 -0.02	52.95 3.75 -14.81	43.20 2.97 -9.33
HICKLING___1 23621	27.40 0.80 0.00	24.77 0.72 0.00	22.78 0.40 0.00	20.98 0.23 0.00	20.72 0.29 0.00	22.55 0.76 0.00	24.81 0.91 0.00	27.29 1.10 0.00	31.23 1.20 0.00	33.32 1.53 0.00	35.19 1.64 0.00	36.96 1.66 0.00	40.20 1.88 0.00	42.73 1.76 0.00	45.90 1.77 0.00	55.27 1.71 0.00	60.38 0.93 -1.26	65.87 2.59 -1.51	61.85 2.02 -2.09	52.70 1.35 -1.39	43.82 1.43 -0.32	39.57 1.45 0.00	35.66 1.27 0.00	31.92 1.02 0.00
HICKLING___2 23622	27.40 0.80 0.00	24.77 0.72 0.00	22.78 0.40 0.00	20.98 0.23 0.00	20.72 0.29 0.00	22.55 0.76 0.00	24.81 0.91 0.00	27.29 1.10 0.00	31.23 1.20 0.00	33.32 1.53 0.00	35.19 1.64 0.00	36.96 1.66 0.00	40.20 1.88 0.00	42.73 1.76 0.00	45.90 1.77 0.00	55.27 1.71 0.00	60.38 0.93 -1.26	65.87 2.59 -1.51	61.85 2.02 -2.09	52.70 1.35 -1.39	43.82 1.43 -0.32	39.57 1.45 0.00	35.66 1.27 0.00	31.92 1.02 0.00
HIGH FALLS___HY 23754	28.33 1.73 0.00	25.47 1.42 0.00	23.70 1.32 0.00	22.05 1.31 0.00	21.62 1.19 0.00	22.86 1.07 0.00	25.19 1.29 0.00	27.55 1.36 0.00	31.62 1.59 0.00	33.83 2.03 0.00	35.93 2.38 0.00	37.88 2.58 0.00	41.43 3.10 0.00	44.49 3.52 0.00	47.93 3.80 0.00	58.53 4.82 -0.15	69.28 5.64 -5.45	74.65 6.30 -6.59	72.16 5.31 -9.12	60.38 4.35 -6.07	46.63 3.15 -1.41	41.01 2.90 0.00	36.76 2.37 0.00	32.76 1.85 0.00
HILLBURN___GT 23639	28.22 1.62 0.00	25.42 1.37 0.00	23.63 1.25 0.00	21.99 1.24 0.00	21.60 1.16 0.00	22.82 1.02 0.00	25.09 1.19 0.00	27.60 1.41 0.00	31.68 1.65 0.00	33.96 2.16 0.00	36.00 2.45 0.00	37.92 2.61 0.00	41.43 3.10 0.00	44.45 3.48 0.00	47.84 3.71 0.00	58.86 4.98 -0.32	68.97 5.53 -5.25	73.57 6.12 -5.70	70.64 5.02 -7.88	59.16 3.95 -5.25	46.06 2.78 -1.22	40.71 2.59 0.00	36.56 2.17 0.00	32.94 2.04 0.00
HILLSIDE_115KV_TB1 80332	26.87 0.27 0.00	24.27 0.22 0.00	22.34 -0.04 0.00	20.60 -0.15 0.00	20.33 -0.10 0.00	22.08 0.28 0.00	24.28 0.38 0.00	26.66 0.47 0.00	30.54 0.51 0.00	32.56 0.76 0.00	34.39 0.84 0.00	36.15 0.85 0.00	39.32 1.00 0.00	41.79 0.82 0.00	44.88 0.75 0.00	54.09 0.54 0.00	59.14 -0.35 -1.30	64.50 1.17 -1.57	60.54 0.64 -2.17	51.61 0.20 -1.45	42.78 0.38 -0.34	38.61 0.50 0.00	34.84 0.45 0.00	31.18 0.28 0.00
HISHELDN_WT_PWR 323625	26.95 0.34 0.00	24.49 0.43 0.00	22.40 0.02 0.00	20.62 -0.12 0.00	20.31 -0.12 0.00	22.29 0.50 0.00	24.52 0.62 0.00	26.84 0.65 0.00	30.90 0.87 0.00	32.75 0.95 0.00	34.69 1.14 0.00	36.47 1.16 0.00	39.36 1.04 0.00	41.62 0.65 0.00	44.62 0.49 0.00	53.34 -0.21 0.00	57.23 -1.86 -0.91	63.11 0.31 -1.04	58.89 -0.29 -1.44	50.32 -0.60 -0.96	42.33 0.04 -0.22	38.27 0.15 0.00	34.84 0.45 0.00	31.24 0.34 0.00
HOLTSVILLE_IC_1 23690	36.05 2.95 -6.50	33.71 2.55 -7.11	29.52 2.37 -4.76	23.01 2.26 0.00	22.48 2.04 0.00	23.84 2.05 0.00	25.93 2.03 0.00	30.81 2.72 -1.90	33.10 2.94 -0.13	36.84 3.59 -1.45	39.75 3.42 -2.78	43.35 3.60 -4.44	57.24 4.10 -14.81	113.90 4.47 -68.46	122.61 4.77 -73.71	206.68 6.32 -146.80	237.22 7.04 -172.00	253.05 7.84 -183.44	212.28 6.69 -147.85	220.79 5.55 -165.28	116.77 4.08 -70.62	96.83 3.77 -54.94	45.76 3.51 -7.86	40.15 3.27 -5.97
HOLTSVILLE_IC_10 23699	36.29 3.19 -6.50	33.90 2.74 -7.11	29.70 2.55 -4.76	23.15 2.41 0.00	22.62 2.19 0.00	24.02 2.22 0.00	26.12 2.22 0.00	31.04 2.96 -1.90	33.37 3.21 -0.13	37.19 3.94 -1.45	40.27 3.79 -2.93	44.51 3.99 -5.22	57.69 4.56 -14.81	117.51 4.96 -71.58	141.56 5.29 -92.14	264.71 6.96 -204.19	312.91 7.74 -246.99	325.71 8.53 -255.43	281.44 7.39 -216.32	245.80 6.14 -189.69	127.56 4.59 -80.91	100.87 4.27 -58.49	46.68 3.92 -8.37	40.70 3.58 -6.21
HOLTSVILLE_IC_2 23691	36.05 2.95 -6.50	33.71 2.55 -7.11	29.52 2.37 -4.76	23.01 2.26 0.00	22.48 2.04 0.00	23.84 2.05 0.00	25.93 2.03 0.00	30.81 2.72 -1.90	33.10 2.94 -0.13	36.84 3.59 -1.45	39.75 3.42 -2.78	43.35 3.60 -4.44	57.24 4.10 -14.81	113.90 4.47 -68.46	122.61 4.77 -73.71	206.68 6.32 -146.80	237.22 7.04 -172.00	253.05 7.84 -183.44	212.28 6.69 -147.85	220.79 5.55 -165.28	116.77 4.08 -70.62	96.83 3.77 -54.94	45.76 3.51 -7.86	40.15 3.27 -5.97
HOLTSVILLE_IC_3 23692	36.05 2.95 -6.50	33.71 2.55 -7.11	29.52 2.37 -4.76	23.01 2.26 0.00	22.48 2.04 0.00	23.84 2.05 0.00	25.93 2.03 0.00	30.81 2.72 -1.90	33.10 2.94 -0.13	36.84 3.59 -1.45	39.75 3.42 -2.78	43.35 3.60 -4.44	57.24 4.10 -14.81	113.90 4.47 -68.46	122.61 4.77 -73.71	206.68 6.32 -146.80	237.22 7.04 -172.00	253.05 7.84 -183.44	212.28 6.69 -147.85	220.79 5.55 -165.28	116.77 4.08 -70.62	96.83 3.77 -54.94	45.76 3.51 -7.86	40.15 3.27 -5.97

HOLTSVILLE_IC_4 23693	36.05 2.95 -6.50	33.71 2.55 -7.11	29.52 2.37 -4.76	23.01 2.26 0.00	22.48 2.04 0.00	23.84 2.05 0.00	25.93 2.03 0.00	30.81 2.72 -1.90	33.10 2.94 -0.13	36.84 3.59 -1.45	39.75 3.42 -2.78	43.35 3.60 -4.44	57.24 4.10 -14.81	113.90 4.47 -68.46	122.61 4.77 -73.71	206.68 6.32 -146.80	237.22 7.04 -172.00	253.05 7.84 -183.44	212.28 6.69 -147.85	220.79 5.55 -165.28	116.77 4.08 -70.62	96.83 3.77 -54.94	45.76 3.51 -7.86	40.15 3.27 -5.97
HOLTSVILLE_IC_5 23694	36.05 2.95 -6.50	33.71 2.55 -7.11	29.52 2.37 -4.76	23.01 2.26 0.00	22.48 2.04 0.00	23.84 2.05 0.00	25.93 2.03 0.00	30.81 2.72 -1.90	33.10 2.94 -0.13	36.84 3.59 -1.45	39.75 3.42 -2.78	43.35 3.60 -4.44	57.24 4.10 -14.81	113.90 4.47 -68.46	122.61 4.77 -73.71	206.68 6.32 -146.80	237.22 7.04 -172.00	253.05 7.84 -183.44	212.28 6.69 -147.85	220.79 5.55 -165.28	116.77 4.08 -70.62	96.83 3.77 -54.94	45.76 3.51 -7.86	40.15 3.27 -5.97
HOLTSVILLE_IC_6 23695	36.29 3.19 -6.50	33.90 2.74 -7.11	29.70 2.55 -4.76	23.15 2.41 0.00	22.62 2.19 0.00	24.02 2.22 0.00	26.12 2.22 0.00	31.04 2.96 -1.90	33.37 3.21 -0.13	37.19 3.94 -1.45	40.27 3.79 -2.93	44.51 3.99 -5.22	57.69 4.56 -14.81	117.51 4.96 -71.58	141.56 5.29 -92.14	264.71 6.96 -204.19	312.91 7.74 -246.99	325.71 8.53 -255.43	281.44 7.39 -216.32	245.80 6.14 -189.69	127.56 4.59 -80.91	100.87 4.27 -58.49	46.68 3.92 -8.37	40.70 3.58 -6.21
HOLTSVILLE_IC_7 23696	36.29 3.19 -6.50	33.90 2.74 -7.11	29.70 2.55 -4.76	23.15 2.41 0.00	22.62 2.19 0.00	24.02 2.22 0.00	26.12 2.22 0.00	31.04 2.96 -1.90	33.37 3.21 -0.13	37.19 3.94 -1.45	40.27 3.79 -2.93	44.51 3.99 -5.22	57.69 4.56 -14.81	117.51 4.96 -71.58	141.56 5.29 -92.14	264.71 6.96 -204.19	312.91 7.74 -246.99	325.71 8.53 -255.43	281.44 7.39 -216.32	245.80 6.14 -189.69	127.56 4.59 -80.91	100.87 4.27 -58.49	46.68 3.92 -8.37	40.70 3.58 -6.21
HOLTSVILLE_IC_8 23697	36.29 3.19 -6.50	33.90 2.74 -7.11	29.70 2.55 -4.76	23.15 2.41 0.00	22.62 2.19 0.00	24.02 2.22 0.00	26.12 2.22 0.00	31.04 2.96 -1.90	33.37 3.21 -0.13	37.19 3.94 -1.45	40.27 3.79 -2.93	44.51 3.99 -5.22	57.69 4.56 -14.81	117.51 4.96 -71.58	141.56 5.29 -92.14	264.71 6.96 -204.19	312.91 7.74 -246.99	325.71 8.53 -255.43	281.44 7.39 -216.32	245.80 6.14 -189.69	127.56 4.59 -80.91	100.87 4.27 -58.49	46.68 3.92 -8.37	40.70 3.58 -6.21
HOLTSVILLE_IC_9 23698	36.29 3.19 -6.50	33.90 2.74 -7.11	29.70 2.55 -4.76	23.15 2.41 0.00	22.62 2.19 0.00	24.02 2.22 0.00	26.12 2.22 0.00	31.04 2.96 -1.90	33.37 3.21 -0.13	37.19 3.94 -1.45	40.27 3.79 -2.93	44.51 3.99 -5.22	57.69 4.56 -14.81	117.51 4.96 -71.58	141.56 5.29 -92.14	264.71 6.96 -204.19	312.91 7.74 -246.99	325.71 8.53 -255.43	281.44 7.39 -216.32	245.80 6.14 -189.69	127.56 4.59 -80.91	100.87 4.27 -58.49	46.68 3.92 -8.37	40.70 3.58 -6.21
HOMER_HL_115KV_TB2 355744	26.95 0.35 0.00	24.36 0.31 0.00	22.29 -0.09 0.00	20.46 -0.29 0.00	20.23 -0.20 0.00	22.23 0.44 0.00	24.50 0.60 0.00	26.84 0.65 0.00	30.39 0.36 0.00	32.46 0.67 0.00	34.15 0.60 0.00	35.90 0.60 0.00	39.01 0.69 0.00	41.30 0.33 0.00	44.26 0.13 0.00	53.23 -0.32 0.00	56.18 -2.97 -0.96	63.11 0.25 -1.11	58.86 -0.40 -1.53	50.03 -0.95 -1.02	41.92 -0.38 -0.24	38.00 -0.11 0.00	34.80 0.41 0.00	31.30 0.40 0.00
HOWARD_WT_PWR 323690	27.48 0.88 0.00	24.89 0.84 0.00	22.81 0.42 0.00	21.06 0.31 0.00	20.76 0.33 0.00	22.73 0.94 0.00	25.02 1.12 0.00	27.47 1.28 0.00	31.50 1.47 0.00	33.35 1.56 0.00	35.43 1.88 0.00	37.25 1.94 0.00	40.35 2.03 0.00	42.81 1.85 0.00	45.90 1.77 0.00	54.95 1.39 0.00	59.48 0.23 -1.06	65.35 2.35 -1.24	61.18 1.73 -1.72	52.30 1.20 -1.14	43.84 1.51 -0.27	39.57 1.45 0.00	35.77 1.38 0.00	31.98 1.08 0.00
HQ_GEN_CEDARS 23644	26.44 -0.16 0.00	23.96 -0.10 0.00	22.31 -0.07 0.00	20.71 -0.04 0.00	20.37 -0.06 0.00	21.73 -0.07 0.00	23.85 -0.05 0.00	26.13 -0.05 0.00	29.70 -0.33 0.00	31.16 -0.64 0.00	32.78 -0.77 0.00	34.53 -0.78 0.00	37.37 -0.96 0.00	39.90 -1.07 0.00	43.12 -1.02 0.00	52.48 -1.07 0.00	56.79 -1.40 0.00	59.84 -1.91 0.00	56.41 -1.33 0.00	48.96 -1.00 0.00	41.35 -0.72 0.00	37.39 -0.72 0.00	34.01 -0.38 0.00	30.78 -0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	26.44 -0.16 0.00	23.96 -0.10 0.00	22.32 -0.07 0.00	20.66 -0.08 0.00	20.37 -0.06 0.00	21.73 -0.07 0.00	23.85 -0.05 0.00	26.14 -0.05 0.00	29.67 -0.36 0.00	31.16 -0.64 0.00	32.74 -0.81 0.00	34.53 -0.78 0.00	37.37 -0.96 0.00	39.90 -1.07 0.00	43.12 -1.01 0.00	52.48 -1.07 0.00	56.79 -1.40 0.00	59.78 -1.98 0.00	56.41 -1.33 0.00	48.96 -1.00 0.00	41.35 -0.72 0.00	37.51 -0.73 -0.12	33.89 -0.38 0.12	30.59 -0.31 0.00
HQ_GEN_IMPORT 323601	26.28 -0.32 0.00	23.79 -0.26 0.00	22.16 -0.22 0.00	20.54 -0.21 0.00	20.23 -0.20 0.00	21.57 -0.22 0.00	23.66 -0.24 0.00	25.93 -0.26 0.00	29.70 -0.33 0.00	31.26 -0.54 0.00	32.95 -0.60 0.00	34.70 -0.60 0.00	37.64 -0.69 0.00	40.23 -0.74 0.00	43.38 -0.75 0.00	52.70 -0.86 0.00	57.25 -0.93 0.00	60.34 -1.42 0.00	56.81 -0.93 0.00	49.21 -0.75 0.00	41.47 -0.59 0.00	37.67 -0.57 -0.12	33.82 -0.45 0.12	30.50 -0.40 0.00
HQ_GEN_WHEEL 23651	26.28 -0.32 0.00	23.79 -0.26 0.00	22.16 -0.22 0.00	20.54 -0.21 0.00	20.23 -0.20 0.00	21.57 -0.22 0.00	23.66 -0.24 0.00	25.93 -0.26 0.00	29.70 -0.33 0.00	31.26 -0.54 0.00	32.95 -0.60 0.00	34.70 -0.60 0.00	37.64 -0.69 0.00	40.23 -0.74 0.00	43.38 -0.75 0.00	52.70 -0.86 0.00	57.25 -0.93 0.00	60.34 -1.42 0.00	56.81 -0.93 0.00	49.21 -0.75 0.00	41.47 -0.59 0.00	37.67 -0.57 -0.12	33.82 -0.45 0.12	30.50 -0.40 0.00
HUDSON_AVE_GT_3 23810	28.81 2.21 0.00	25.86 1.80 0.00	24.04 1.66 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.18 1.99 0.00	32.43 2.40 0.00	34.75 2.96 0.00	36.70 3.15 0.00	38.52 3.21 0.00	42.12 3.79 0.00	45.23 4.26 0.00	48.59 4.46 0.00	59.92 6.00 -0.37	77.98 6.81 -12.99	78.72 7.60 -9.37	72.54 6.41 -8.40	60.55 5.00 -5.59	46.94 3.58 -1.30	41.43 3.32 0.00	37.31 2.92 0.00	33.22 2.32 0.00
HUDSON_AVE_GT_4 23540	28.81 2.21 0.00	25.86 1.80 0.00	24.04 1.66 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.18 1.99 0.00	32.43 2.40 0.00	34.75 2.96 0.00	36.70 3.15 0.00	38.52 3.21 0.00	42.12 3.79 0.00	45.23 4.26 0.00	48.59 4.46 0.00	59.92 6.00 -0.37	77.98 6.81 -12.99	78.72 7.60 -9.37	72.54 6.41 -8.40	60.55 5.00 -5.59	46.94 3.58 -1.30	41.43 3.32 0.00	37.31 2.92 0.00	33.22 2.32 0.00
HUDSON_AVE_GT_5 23657	28.81 2.21 0.00	25.86 1.80 0.00	24.04 1.66 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.18 1.99 0.00	32.43 2.40 0.00	34.75 2.96 0.00	36.70 3.15 0.00	38.52 3.21 0.00	42.12 3.79 0.00	45.23 4.26 0.00	48.59 4.46 0.00	59.92 6.00 -0.37	77.98 6.81 -12.99	78.72 7.60 -9.37	72.54 6.41 -8.40	60.55 5.00 -5.59	46.94 3.58 -1.30	41.43 3.32 0.00	37.31 2.92 0.00	33.22 2.32 0.00

HUDSON_AVE_10 24168	28.76 2.15 0.00	25.81 1.76 0.00	23.99 1.61 0.00	22.39 1.64 0.00	21.95 1.51 0.00	23.12 1.33 0.00	25.43 1.53 0.00	28.15 1.96 0.00	32.40 2.37 0.00	34.72 2.93 0.00	36.63 3.09 0.00	38.45 3.14 0.00	42.04 3.72 0.00	45.15 4.18 0.00	48.50 4.37 0.00	59.87 5.94 -0.37	77.93 6.75 -12.99	78.66 7.53 -9.37	72.49 6.35 -8.40	60.50 4.95 -5.59	46.86 3.49 -1.30	41.36 3.24 0.00	37.28 2.89 0.00	33.19 2.29 0.00
HUDSON___115KV_TB 4 355613	27.83 1.22 0.00	25.09 1.03 0.00	23.46 1.07 0.00	21.70 0.95 0.00	21.38 0.94 0.00	22.64 0.85 0.00	24.83 0.93 0.00	27.05 0.86 0.00	31.02 0.99 0.00	33.04 1.24 0.00	35.09 1.54 0.00	36.96 1.66 0.00	39.90 1.57 0.00	42.89 1.93 0.00	46.20 2.07 0.00	55.89 2.62 0.29	67.51 2.68 -6.64	76.38 3.15 -11.47	76.54 2.94 -15.86	63.11 2.60 -10.55	46.71 2.19 -2.46	40.10 1.98 0.00	36.18 1.79 0.00	32.32 1.42 0.00
HUNTER MOUNT___DRP 323613	27.93 1.33 0.00	25.16 1.11 0.00	23.50 1.12 0.00	21.74 1.00 0.00	21.40 0.96 0.00	22.66 0.87 0.00	24.90 1.00 0.00	27.03 0.84 0.00	30.99 0.96 0.00	33.00 1.21 0.00	35.09 1.54 0.00	37.00 1.69 0.00	39.82 1.49 0.00	42.85 1.88 0.00	46.16 2.03 0.00	56.04 2.68 0.19	67.15 2.50 -6.46	75.08 2.90 -10.42	74.97 2.83 -14.41	62.15 2.60 -9.59	46.53 2.23 -2.23	40.18 2.06 0.00	36.32 1.93 0.00	32.45 1.55 0.00
HUNTINGTON_RES_REC 323705	35.81 2.69 -6.52	33.47 2.31 -7.11	29.27 2.13 -4.76	22.78 2.03 0.00	22.28 1.84 0.00	23.60 1.81 0.00	25.67 1.77 0.00	30.54 2.46 -1.90	32.89 2.73 -0.13	36.68 3.40 -1.48	41.49 3.42 -4.52	52.63 3.60 -13.72	57.34 4.18 -14.84	187.23 4.63 -141.63	423.05 4.94 -373.98	1110.07 6.64 -1049.87	1323.20 7.39 -1257.63	1303.15 8.21 -1233.18	1220.29 6.98 -1155.58	597.87 5.74 -542.16	277.52 4.21 -231.25	180.19 3.89 -138.18	38.88 3.51 -0.98	36.81 3.15 -2.76
HUNTLEY___63 23557	26.97 0.37 0.00	24.51 0.46 0.00	22.38 0.00 0.00	20.39 -0.35 0.00	20.19 -0.25 0.00	22.27 0.48 0.00	24.52 0.62 0.00	26.79 0.60 0.00	30.72 0.69 0.00	32.75 0.95 0.00	34.49 0.94 0.00	36.08 0.78 0.00	38.98 0.65 0.00	41.09 0.12 0.00	44.00 -0.13 0.00	52.59 -0.96 0.00	56.31 -2.68 -0.80	61.91 -0.74 -0.89	57.70 -1.27 -1.24	49.34 -1.45 -0.82	41.62 -0.63 -0.19	37.70 -0.42 0.00	34.60 0.21 0.00	31.34 0.43 0.00
HUNTLEY___64 23558	26.97 0.37 0.00	24.51 0.46 0.00	22.38 0.00 0.00	20.39 -0.35 0.00	20.19 -0.25 0.00	22.27 0.48 0.00	24.52 0.62 0.00	26.79 0.60 0.00	30.72 0.69 0.00	32.75 0.95 0.00	34.49 0.94 0.00	36.08 0.78 0.00	38.98 0.65 0.00	41.09 0.12 0.00	44.00 -0.13 0.00	52.59 -0.96 0.00	56.31 -2.68 -0.80	61.91 -0.74 -0.89	57.70 -1.27 -1.24	49.34 -1.45 -0.82	41.62 -0.63 -0.19	37.70 -0.42 0.00	34.60 0.21 0.00	31.34 0.43 0.00
HUNTLEY___65 23559	26.97 0.37 0.00	24.51 0.46 0.00	22.38 0.00 0.00	20.39 -0.35 0.00	20.19 -0.25 0.00	22.27 0.48 0.00	24.52 0.62 0.00	26.79 0.60 0.00	30.72 0.69 0.00	32.75 0.95 0.00	34.49 0.94 0.00	36.08 0.78 0.00	38.98 0.65 0.00	41.09 0.12 0.00	44.00 -0.13 0.00	52.59 -0.96 0.00	56.31 -2.68 -0.80	61.91 -0.74 -0.89	57.70 -1.27 -1.24	49.34 -1.45 -0.82	41.62 -0.63 -0.19	37.70 -0.42 0.00	34.60 0.21 0.00	31.34 0.43 0.00
HUNTLEY___66 23560	26.97 0.37 0.00	24.51 0.46 0.00	22.38 0.00 0.00	20.39 -0.35 0.00	20.19 -0.25 0.00	22.27 0.48 0.00	24.52 0.62 0.00	26.79 0.60 0.00	30.72 0.69 0.00	32.75 0.95 0.00	34.49 0.94 0.00	36.08 0.78 0.00	38.98 0.65 0.00	41.09 0.12 0.00	44.00 -0.13 0.00	52.59 -0.96 0.00	56.31 -2.68 -0.80	61.91 -0.74 -0.89	57.70 -1.27 -1.24	49.34 -1.45 -0.82	41.62 -0.63 -0.19	37.70 -0.42 0.00	34.60 0.21 0.00	31.34 0.43 0.00
HUNTLEY___67 23561	26.79 0.19 0.00	24.32 0.26 0.00	22.23 -0.16 0.00	20.27 -0.48 0.00	20.05 -0.39 0.00	22.12 0.33 0.00	24.33 0.43 0.00	26.61 0.42 0.00	30.48 0.45 0.00	32.46 0.67 0.00	34.22 0.67 0.00	35.87 0.56 0.00	38.94 0.61 0.00	41.01 0.04 0.00	43.95 -0.18 0.00	52.65 -0.91 0.00	56.27 -2.73 -0.82	61.93 -0.74 -0.91	57.73 -1.27 -1.26	49.41 -1.40 -0.84	41.63 -0.63 -0.20	37.70 -0.42 0.00	34.46 0.07 0.00	31.12 0.22 0.00
HUNTLEY___68 23562	26.79 0.19 0.00	24.32 0.26 0.00	22.23 -0.16 0.00	20.27 -0.48 0.00	20.05 -0.39 0.00	22.12 0.33 0.00	24.33 0.43 0.00	26.61 0.42 0.00	30.48 0.45 0.00	32.46 0.67 0.00	34.22 0.67 0.00	35.87 0.56 0.00	38.94 0.61 0.00	41.01 0.04 0.00	43.95 -0.18 0.00	52.65 -0.91 0.00	56.27 -2.73 -0.82	61.93 -0.74 -0.91	57.73 -1.27 -1.26	49.41 -1.40 -0.84	41.63 -0.63 -0.20	37.70 -0.42 0.00	34.46 0.07 0.00	31.12 0.22 0.00
HYLAND___LFGE 323620	28.33 1.73 0.00	25.71 1.66 0.00	23.48 1.10 0.00	21.64 0.89 0.00	21.31 0.88 0.00	23.34 1.55 0.00	25.48 1.58 0.00	27.44 1.26 0.00	31.08 1.05 0.00	31.80 0.00 0.00	33.25 -0.30 0.00	35.38 0.07 0.00	38.17 -0.15 0.00	40.31 -0.66 0.00	43.25 -0.88 0.00	52.00 -1.55 0.00	57.20 -1.86 -0.88	62.88 0.12 -1.00	59.63 0.52 -1.38	51.63 0.75 -0.92	43.79 1.51 -0.21	39.64 1.53 0.00	35.97 1.58 0.00	31.98 1.08 0.00
INDECK___CORINTH 23802	27.93 1.33 0.00	25.18 1.13 0.00	23.55 1.16 0.00	21.74 1.00 0.00	21.44 1.00 0.00	22.77 0.98 0.00	24.95 1.05 0.00	27.34 1.15 0.00	31.32 1.29 0.00	33.39 1.59 0.00	35.29 1.74 0.00	37.17 1.87 0.00	40.43 2.11 0.00	43.18 2.21 0.00	46.60 2.47 0.00	56.02 2.89 0.43	68.86 3.55 -7.12	86.09 3.89 -20.44	90.15 4.16 -28.26	72.12 3.35 -18.81	49.64 3.20 -4.38	40.71 2.59 0.00	36.38 1.99 0.00	32.57 1.67 0.00
INDECK___ILION 23567	26.55 -0.05 0.00	24.00 -0.05 0.00	22.34 -0.04 0.00	20.71 -0.04 0.00	20.39 -0.04 0.00	21.75 -0.04 0.00	23.85 -0.05 0.00	26.13 -0.05 0.00	29.97 -0.06 0.00	31.80 0.00 0.00	33.68 0.13 0.00	35.45 0.14 0.00	38.44 0.11 0.00	41.09 0.12 0.00	44.26 0.13 0.00	53.50 -0.05 0.00	58.24 0.06 0.00	61.94 0.19 0.00	57.85 0.12 0.00	50.06 0.10 0.00	42.15 0.08 0.00	38.19 0.08 0.00	34.42 0.03 0.00	30.90 0.00 0.00
INDECK___OLEAN 23982	26.97 0.37 0.00	24.39 0.34 0.00	22.29 -0.09 0.00	20.56 -0.19 0.00	20.25 -0.18 0.00	22.23 0.44 0.00	24.50 0.60 0.00	26.84 0.65 0.00	30.48 0.45 0.00	32.46 0.67 0.00	34.32 0.77 0.00	36.05 0.74 0.00	39.02 0.69 0.00	41.34 0.37 0.00	44.31 0.18 0.00	53.13 -0.43 0.00	56.18 -2.97 -0.96	63.24 0.37 -1.11	58.92 -0.34 -1.53	50.03 -0.95 -1.02	42.01 -0.29 -0.24	38.04 -0.08 0.00	34.80 0.41 0.00	31.27 0.37 0.00
INDECK___OSWEGO 23783	26.10 -0.51 0.00	23.59 -0.46 0.00	21.89 -0.49 0.00	20.29 -0.46 0.00	19.99 -0.45 0.00	21.40 -0.39 0.00	23.47 -0.43 0.00	25.66 -0.52 0.00	29.46 -0.57 0.00	31.16 -0.64 0.00	32.88 -0.67 0.00	34.28 -1.02 0.00	37.18 -1.15 0.00	39.70 -1.27 0.00	42.72 -1.41 0.00	51.68 -1.88 0.00	56.44 -2.15 -0.40	59.78 -1.98 0.00	55.71 -2.02 0.00	48.21 -1.75 0.00	40.72 -1.35 0.00	37.01 -1.11 0.00	33.46 -0.93 0.00	30.22 -0.68 0.00

INDECK___YERKES 23781	27.00 0.40 0.00	24.56 0.51 0.00	22.40 0.02 0.00	20.58 -0.17 0.00	20.25 -0.18 0.00	22.31 0.52 0.00	24.52 0.62 0.00	26.81 0.63 0.00	30.93 0.90 0.00	32.78 0.99 0.00	34.69 1.14 0.00	36.36 1.06 0.00	38.98 0.65 0.00	41.13 0.16 0.00	44.09 -0.04 0.00	52.54 -1.02 0.00	56.19 -2.79 -0.80	62.03 -0.62 -0.89	57.75 -1.22 -1.24	49.39 -1.40 -0.82	41.71 -0.55 -0.19	37.70 -0.42 0.00	34.63 0.24 0.00	31.15 0.25 0.00
INDIAN POINT_GT_1 24139	28.36 1.76 0.00	25.52 1.47 0.00	23.77 1.39 0.00	22.14 1.39 0.00	21.72 1.29 0.00	22.95 1.15 0.00	25.21 1.31 0.00	27.78 1.60 0.00	31.95 1.92 0.00	34.18 2.38 0.00	36.17 2.62 0.00	38.06 2.75 0.00	41.58 3.26 0.00	44.62 3.65 0.00	48.01 3.88 0.00	59.06 5.14 -0.36	77.04 5.94 -12.91	77.59 6.55 -9.29	71.51 5.48 -8.29	59.88 4.40 -5.52	46.50 3.15 -1.29	40.98 2.86 0.00	36.80 2.41 0.00	32.79 1.89 0.00
INDIAN POINT_GT_2 23659	28.36 1.76 0.00	25.52 1.47 0.00	23.77 1.39 0.00	22.14 1.39 0.00	21.72 1.29 0.00	22.95 1.15 0.00	25.21 1.31 0.00	27.78 1.60 0.00	31.95 1.92 0.00	34.18 2.38 0.00	36.17 2.62 0.00	38.06 2.75 0.00	41.58 3.26 0.00	44.62 3.65 0.00	48.01 3.88 0.00	59.06 5.14 -0.36	77.04 5.94 -12.91	77.59 6.55 -9.29	71.51 5.48 -8.29	59.88 4.40 -5.52	46.50 3.15 -1.29	40.98 2.86 0.00	36.80 2.41 0.00	32.79 1.89 0.00
INDIAN POINT_GT_3 24019	28.36 1.76 0.00	25.52 1.47 0.00	23.77 1.39 0.00	22.14 1.39 0.00	21.72 1.29 0.00	22.95 1.15 0.00	25.21 1.31 0.00	27.78 1.60 0.00	31.95 1.92 0.00	34.18 2.38 0.00	36.17 2.62 0.00	38.06 2.75 0.00	41.58 3.26 0.00	44.62 3.65 0.00	48.01 3.88 0.00	59.06 5.14 -0.36	77.04 5.94 -12.91	77.59 6.55 -9.29	71.51 5.48 -8.29	59.88 4.40 -5.52	46.50 3.15 -1.29	40.98 2.86 0.00	36.80 2.41 0.00	32.79 1.89 0.00
INDIAN POINT___2 23530	28.33 1.73 0.00	25.50 1.44 0.00	23.72 1.34 0.00	22.09 1.35 0.00	21.68 1.25 0.00	22.90 1.11 0.00	25.19 1.29 0.00	27.73 1.54 0.00	31.83 1.80 0.00	34.12 2.32 0.00	36.03 2.48 0.00	37.92 2.61 0.00	41.43 3.10 0.00	44.45 3.48 0.00	47.84 3.71 0.00	58.83 4.92 -0.35	76.71 5.71 -12.81	77.24 6.30 -9.18	71.07 5.20 -8.14	59.53 4.14 -5.42	46.27 2.94 -1.26	40.86 2.75 0.00	36.73 2.34 0.00	33.07 2.16 0.00
INDIAN POINT___3 23531	28.30 1.70 0.00	25.50 1.44 0.00	23.75 1.37 0.00	22.10 1.35 0.00	21.70 1.27 0.00	22.93 1.13 0.00	25.19 1.29 0.00	27.73 1.55 0.00	31.86 1.83 0.00	34.09 2.29 0.00	36.06 2.52 0.00	37.95 2.65 0.00	41.43 3.10 0.00	44.41 3.44 0.00	47.79 3.66 0.00	58.79 4.87 -0.36	76.75 5.64 -12.92	77.29 6.24 -9.29	71.23 5.20 -8.30	59.63 4.15 -5.52	46.34 2.99 -1.29	40.82 2.71 0.00	36.69 2.30 0.00	32.73 1.82 0.00
INGHAM_C_115KV_TB7 356103	26.31 -0.29 0.00	23.79 -0.26 0.00	22.11 -0.27 0.00	20.50 -0.25 0.00	20.19 -0.25 0.00	21.55 -0.24 0.00	23.66 -0.24 0.00	25.90 -0.29 0.00	29.73 -0.30 0.00	31.54 -0.25 0.00	33.48 -0.07 0.00	35.23 -0.07 0.00	38.21 -0.11 0.00	40.81 -0.16 0.00	43.95 -0.18 0.00	53.02 -0.54 0.00	57.78 -0.41 0.00	61.39 -0.37 0.00	57.39 -0.35 0.00	49.71 -0.25 0.00	41.81 -0.25 0.00	37.93 -0.19 0.00	34.22 -0.17 0.00	30.72 -0.19 0.00
IP CORINTH___1 23988	28.09 1.49 0.00	25.30 1.25 0.00	23.66 1.28 0.00	21.85 1.10 0.00	21.54 1.10 0.00	22.88 1.09 0.00	25.07 1.17 0.00	27.50 1.31 0.00	31.50 1.47 0.00	33.54 1.75 0.00	35.49 1.95 0.00	37.39 2.08 0.00	40.66 2.34 0.00	43.47 2.50 0.00	46.87 2.74 0.00	56.39 3.27 0.43	69.15 3.84 -7.12	86.46 4.26 -20.44	90.49 4.50 -28.26	72.42 3.65 -18.81	49.85 3.41 -4.38	40.94 2.82 0.00	36.59 2.20 0.00	32.66 1.76 0.00
IP___TICONDEROGA 23804	29.79 3.19 0.00	26.79 2.74 0.00	25.02 2.64 0.00	23.05 2.30 0.00	22.75 2.31 0.00	24.21 2.42 0.00	26.55 2.65 0.00	29.15 2.96 0.00	33.36 3.33 0.00	35.64 3.85 0.00	38.11 4.56 0.00	40.25 4.94 0.00	44.00 5.67 0.00	46.95 5.98 0.00	50.62 6.49 0.00	60.56 7.44 0.44	73.79 8.50 -7.10	91.31 9.26 -20.29	95.37 9.58 -28.05	76.38 7.74 -18.67	53.48 7.07 -4.35	44.10 5.98 0.00	39.07 4.68 0.00	34.73 3.83 0.00
ISLIP_RES_REC 323679	36.50 3.41 -6.50	34.09 2.93 -7.11	29.85 2.71 -4.76	23.28 2.53 0.00	22.76 2.33 0.00	24.15 2.35 0.00	26.29 2.39 0.00	31.28 3.19 -1.90	33.64 3.48 -0.13	37.54 4.29 -1.45	40.63 4.19 -2.89	44.70 4.45 -4.94	58.15 5.02 -14.81	113.46 5.49 -67.00	134.59 5.87 -84.59	246.65 7.66 -185.44	291.28 8.50 -224.60	305.26 9.38 -234.12	262.15 8.14 -196.27	229.46 6.79 -172.70	120.73 5.09 -73.58	96.07 4.69 -53.27	48.07 4.26 -9.42	41.50 3.89 -6.70
JAMAICA__27_KV_LOAD 355505	29.08 2.47 0.00	26.02 1.97 0.00	24.19 1.81 0.00	22.53 1.78 0.00	22.07 1.63 0.00	23.25 1.46 0.00	25.62 1.72 0.00	28.41 2.23 0.00	32.73 2.70 0.00	35.13 3.34 0.00	36.94 3.39 0.00	38.73 3.42 0.00	42.39 4.06 0.00	45.52 4.55 0.00	48.94 4.81 0.00	60.56 6.64 -0.37	78.62 7.45 -12.99	79.53 8.40 -9.37	73.30 7.16 -8.40	61.10 5.55 -5.59	47.32 3.95 -1.30	41.70 3.58 0.00	37.76 3.37 0.00	33.56 2.66 0.00
JANIS___SOLAR 323808	27.96 1.36 0.00	25.25 1.20 0.00	23.34 0.96 0.00	21.60 0.85 0.00	21.25 0.82 0.00	22.90 1.11 0.00	25.17 1.27 0.00	27.50 1.31 0.00	31.38 1.35 0.00	33.23 1.43 0.00	35.06 1.51 0.00	36.82 1.52 0.00	39.93 1.61 0.00	42.65 1.68 0.00	45.81 1.68 0.00	55.43 1.87 0.00	61.60 2.09 -1.32	66.98 3.27 -1.96	63.61 3.17 -2.70	54.66 2.90 -1.80	45.22 2.73 -0.42	40.63 2.52 0.00	36.42 2.03 0.00	32.54 1.64 0.00
JARVIS____ 23743	26.63 0.03 0.00	24.08 0.02 0.00	22.43 0.04 0.00	20.79 0.04 0.00	20.48 0.04 0.00	21.81 0.02 0.00	23.92 0.02 0.00	26.21 0.03 0.00	30.06 0.03 0.00	31.89 0.10 0.00	33.68 0.13 0.00	35.45 0.14 0.00	38.48 0.15 0.00	41.13 0.16 0.00	44.26 0.13 0.00	53.72 0.16 0.00	58.36 0.18 0.00	62.07 0.31 0.00	57.91 0.17 0.00	50.11 0.15 0.00	42.19 0.13 0.00	38.23 0.11 0.00	34.49 0.10 0.00	31.00 0.09 0.00
JENNISON___1 23625	28.20 1.60 0.00	25.45 1.40 0.00	23.57 1.19 0.00	21.78 1.04 0.00	21.44 1.00 0.00	23.03 1.24 0.00	25.33 1.43 0.00	27.65 1.47 0.00	31.68 1.65 0.00	33.74 1.94 0.00	35.73 2.18 0.00	37.60 2.29 0.00	40.78 2.45 0.00	43.51 2.54 0.00	46.73 2.60 0.00	56.39 2.84 0.00	62.88 3.03 -1.67	68.66 4.01 -2.89	65.37 3.64 -3.99	55.82 3.20 -2.66	45.59 2.90 -0.62	40.79 2.67 0.00	36.63 2.24 0.00	32.70 1.79 0.00
JENNISON___2 23626	28.20 1.60 0.00	25.45 1.40 0.00	23.57 1.19 0.00	21.78 1.04 0.00	21.44 1.00 0.00	23.03 1.24 0.00	25.33 1.43 0.00	27.65 1.47 0.00	31.68 1.65 0.00	33.74 1.94 0.00	35.73 2.18 0.00	37.60 2.29 0.00	40.78 2.45 0.00	43.51 2.54 0.00	46.73 2.60 0.00	56.39 2.84 0.00	62.88 3.03 -1.67	68.66 4.01 -2.89	65.37 3.64 -3.99	55.82 3.20 -2.66	45.59 2.90 -0.62	40.79 2.67 0.00	36.63 2.24 0.00	32.70 1.79 0.00

JERICO_RISE_WT_PWR 323719	25.86 -0.74 0.00	23.47 -0.58 0.00	21.91 -0.47 0.00	20.33 -0.41 0.00	20.07 -0.37 0.00	21.49 -0.31 0.00	23.71 -0.19 0.00	26.11 -0.08 0.00	29.85 -0.18 0.00	31.29 -0.51 0.00	32.78 -0.77 0.00	34.63 -0.67 0.00	37.52 -0.81 0.00	40.11 -0.86 0.00	43.51 -0.62 0.00	53.24 -0.32 0.00	57.72 -0.47 0.00	60.95 -0.80 0.00	57.79 0.06 0.00	50.21 0.25 0.00	42.44 0.38 0.00	38.27 0.15 0.00	34.73 0.34 0.00	31.24 0.34 0.00
KATONAH__115KV_46KV_TB4 355592	28.52 1.92 0.00	25.66 1.61 0.00	23.90 1.52 0.00	22.24 1.49 0.00	21.81 1.37 0.00	23.06 1.26 0.00	25.31 1.41 0.00	27.94 1.75 0.00	32.19 2.16 0.00	34.47 2.67 0.00	36.47 2.92 0.00	38.59 3.28 0.00	42.27 3.95 0.00	45.35 4.38 0.00	48.85 4.72 0.00	60.03 6.11 -0.36	78.37 7.10 -13.08	79.02 7.78 -9.48	72.81 6.52 -8.55	61.00 5.35 -5.69	47.18 3.79 -1.33	41.47 3.35 0.00	37.14 2.75 0.00	33.07 2.16 0.00
KCE_NY_1 323755	28.25 1.65 0.00	25.50 1.44 0.00	23.82 1.43 0.00	22.01 1.27 0.00	21.70 1.27 0.00	23.06 1.26 0.00	25.24 1.34 0.00	27.65 1.47 0.00	31.68 1.65 0.00	33.74 1.94 0.00	35.76 2.21 0.00	37.67 2.37 0.00	41.05 2.72 0.00	43.92 2.95 0.00	47.31 3.18 0.00	56.96 3.86 0.45	69.69 4.42 -7.08	86.72 4.88 -20.08	90.06 4.56 -27.76	72.34 3.90 -18.48	49.74 3.37 -4.31	40.98 2.86 0.00	36.69 2.30 0.00	32.91 2.01 0.00
KCE_NY_6_ESR 323823	27.13 0.53 0.00	24.65 0.60 0.00	22.49 0.11 0.00	20.69 -0.06 0.00	20.35 -0.08 0.00	22.40 0.61 0.00	24.64 0.74 0.00	26.97 0.78 0.00	31.08 1.05 0.00	32.97 1.18 0.00	34.92 1.38 0.00	36.72 1.41 0.00	39.59 1.26 0.00	41.83 0.86 0.00	44.83 0.70 0.00	53.56 0.00 0.00	57.06 -1.98 -0.85	63.21 0.49 -0.96	58.89 -0.17 -1.33	50.30 -0.55 -0.89	42.40 0.13 -0.21	38.35 0.23 0.00	34.97 0.58 0.00	31.37 0.46 0.00
KEDC_PORT_JEFF_GT2 24210	36.16 3.06 -6.50	33.78 2.62 -7.11	29.59 2.44 -4.76	23.05 2.30 0.00	22.54 2.11 0.00	23.91 2.11 0.00	26.00 2.10 0.00	30.91 2.83 -1.90	33.22 3.06 -0.13	37.03 3.78 -1.46	40.25 3.66 -3.04	44.87 3.74 -5.82	57.20 4.06 -14.81	123.18 4.39 -77.82	136.31 4.63 -87.55	239.55 6.16 -179.84	298.34 6.86 -233.29	308.83 7.66 -239.41	261.84 6.52 -197.58	272.97 5.35 -217.66	138.86 3.91 -92.89	107.44 3.74 -65.59	45.39 3.61 -7.39	40.03 3.37 -5.76
KEDC_PORT_JEFF_GT3 24211	36.16 3.06 -6.50	33.78 2.62 -7.11	29.59 2.44 -4.76	23.05 2.30 0.00	22.54 2.11 0.00	23.91 2.11 0.00	26.00 2.10 0.00	30.91 2.83 -1.90	33.22 3.06 -0.13	37.03 3.78 -1.46	40.25 3.66 -3.04	44.87 3.74 -5.82	57.20 4.06 -14.81	123.18 4.39 -77.82	136.31 4.63 -87.55	239.55 6.16 -179.84	298.34 6.86 -233.29	308.83 7.66 -239.41	261.84 6.52 -197.58	272.97 5.35 -217.66	138.86 3.91 -92.89	107.44 3.74 -65.59	45.39 3.61 -7.39	40.03 3.37 -5.76
KEDC_GLWD_GT4 24219	35.49 2.40 -6.49	33.18 2.02 -7.11	29.03 1.88 -4.77	22.57 1.83 0.00	22.11 1.68 0.00	23.38 1.59 0.00	25.62 1.72 0.00	30.31 2.22 -1.90	32.74 2.58 -0.13	36.45 3.21 -1.44	37.29 3.39 -0.35	41.09 3.39 -2.40	57.11 3.99 -14.80	65.58 4.43 -20.19	61.43 4.72 -12.57	70.59 6.21 -10.82	85.46 6.98 -20.29	109.17 7.72 -39.69	77.61 6.46 -13.41	60.77 5.20 -5.61	47.17 3.79 -1.32	41.64 3.50 -0.02	41.40 3.06 -3.95	38.06 3.00 -4.16
KEDC_GLWD_GT5 24220	35.49 2.40 -6.49	33.18 2.02 -7.11	29.03 1.88 -4.77	22.57 1.83 0.00	22.11 1.68 0.00	23.38 1.59 0.00	25.62 1.72 0.00	30.31 2.22 -1.90	32.74 2.58 -0.13	36.45 3.21 -1.44	37.29 3.39 -0.35	41.09 3.39 -2.40	57.11 3.99 -14.80	65.58 4.43 -20.19	61.43 4.72 -12.57	70.59 6.21 -10.82	85.46 6.98 -20.29	109.17 7.72 -39.69	77.61 6.46 -13.41	60.77 5.20 -5.61	47.17 3.79 -1.32	41.64 3.50 -0.02	41.40 3.06 -3.95	38.06 3.00 -4.16
KENSICO____ 23655	28.49 1.89 0.00	25.62 1.56 0.00	23.86 1.48 0.00	22.22 1.47 0.00	21.81 1.37 0.00	23.06 1.26 0.00	25.31 1.41 0.00	27.92 1.73 0.00	32.10 2.07 0.00	34.34 2.54 0.00	36.33 2.78 0.00	38.20 2.89 0.00	41.74 3.41 0.00	44.78 3.81 0.00	48.19 4.06 0.00	59.28 5.36 -0.37	77.33 6.17 -12.97	77.90 6.79 -9.35	71.83 5.72 -8.38	60.14 4.60 -5.58	46.64 3.28 -1.30	41.09 2.97 0.00	36.93 2.54 0.00	32.91 2.01 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.41 1.81 0.00	25.52 1.47 0.00	23.75 1.37 0.00	22.10 1.35 0.00	21.66 1.23 0.00	22.90 1.11 0.00	25.24 1.34 0.00	27.58 1.39 0.00	31.68 1.65 0.00	33.86 2.07 0.00	35.96 2.42 0.00	37.95 2.65 0.00	41.47 3.14 0.00	44.57 3.61 0.00	47.97 3.84 0.00	58.61 4.87 -0.18	68.93 5.64 -5.10	74.09 6.36 -5.97	71.36 5.37 -8.26	59.91 4.45 -5.50	46.63 3.28 -1.28	41.13 3.01 0.00	36.87 2.48 0.00	32.85 1.95 0.00
KIAC_JFK_GT1 23816	28.97 2.37 0.00	25.95 1.90 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.01 1.57 0.00	23.21 1.42 0.00	25.55 1.65 0.00	28.33 2.15 0.00	32.64 2.61 0.00	35.04 3.24 0.00	36.80 3.25 0.00	38.59 3.28 0.00	42.23 3.91 0.00	45.35 4.38 0.00	48.72 4.59 0.00	60.35 6.43 -0.37	78.33 7.16 -12.99	79.22 8.09 -9.37	73.01 6.87 -8.40	60.90 5.35 -5.59	47.15 3.79 -1.30	41.55 3.43 0.00	37.62 3.23 0.00	33.44 2.53 0.00
KIAC_JFK_GT2 23817	28.97 2.37 0.00	25.95 1.90 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.01 1.57 0.00	23.21 1.42 0.00	25.55 1.65 0.00	28.33 2.15 0.00	32.64 2.61 0.00	35.04 3.24 0.00	36.80 3.25 0.00	38.59 3.28 0.00	42.23 3.91 0.00	45.35 4.38 0.00	48.72 4.59 0.00	60.35 6.43 -0.37	78.33 7.16 -12.99	79.22 8.09 -9.37	73.01 6.87 -8.40	60.90 5.35 -5.59	47.15 3.79 -1.30	41.55 3.43 0.00	37.62 3.23 0.00	33.44 2.53 0.00
KIAC_JFK____ 323774	28.97 2.37 0.00	25.98 1.92 0.00	24.13 1.75 0.00	22.45 1.70 0.00	22.01 1.57 0.00	23.17 1.37 0.00	25.55 1.65 0.00	28.34 2.15 0.00	32.58 2.55 0.00	35.04 3.24 0.00	36.70 3.15 0.00	38.59 3.28 0.00	42.19 3.87 0.00	45.31 4.34 0.00	48.72 4.59 0.00	60.29 6.37 -0.37	78.33 7.15 -12.99	79.28 8.15 -9.37	72.89 6.75 -8.40	60.90 5.35 -5.59	47.11 3.74 -1.30	41.55 3.43 0.00	37.62 3.23 0.00	33.90 3.00 0.00
KINTIGH____ 23543	26.55 -0.05 0.00	24.12 0.07 0.00	22.09 -0.29 0.00	20.17 -0.58 0.00	19.95 -0.49 0.00	21.90 0.11 0.00	24.09 0.19 0.00	26.37 0.18 0.00	30.21 0.18 0.00	32.15 0.35 0.00	33.85 0.30 0.00	35.52 0.21 0.00	38.52 0.19 0.00	40.64 -0.33 0.00	43.56 -0.57 0.00	52.22 -1.34 0.00	56.39 -2.50 -0.70	61.29 -1.24 -0.77	57.18 -1.62 -1.06	49.07 -1.60 -0.71	41.39 -0.84 -0.16	37.51 -0.61 0.00	34.18 -0.21 0.00	30.81 -0.09 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.15 -0.45 0.00	23.74 -0.31 0.00	22.16 -0.22 0.00	20.62 -0.12 0.00	20.29 -0.14 0.00	21.73 -0.07 0.00	24.02 0.12 0.00	26.45 0.26 0.00	30.24 0.21 0.00	31.67 -0.13 0.00	33.18 -0.37 0.00	35.06 -0.25 0.00	38.02 -0.31 0.00	40.64 -0.33 0.00	44.13 0.00 0.00	54.14 0.59 0.00	58.48 0.29 0.00	61.88 0.12 0.00	58.60 0.87 0.00	50.96 1.00 0.00	43.16 1.09 0.00	38.84 0.72 0.00	35.25 0.86 0.00	31.89 0.99 0.00

LACHUTE____HYDRO 323717	29.79 3.19 0.00	26.82 2.76 0.00	25.02 2.64 0.00	23.05 2.30 0.00	22.72 2.29 0.00	24.23 2.44 0.00	26.55 2.65 0.00	29.15 2.96 0.00	33.36 3.33 0.00	35.64 3.85 0.00	38.11 4.56 0.00	40.25 4.94 0.00	44.00 5.67 0.00	46.95 5.98 0.00	50.62 6.49 0.00	60.61 7.50 0.44	73.72 8.43 -7.10	91.31 9.26 -20.29	95.31 9.52 -28.05	76.32 7.69 -18.67	53.56 7.15 -4.35	44.10 5.98 0.00	39.07 4.68 0.00	34.77 3.86 0.00
LAWRNCV_115KV_TB1 80681	26.34 -0.27 0.00	23.86 -0.19 0.00	22.23 -0.16 0.00	20.62 -0.12 0.00	20.27 -0.16 0.00	21.64 -0.15 0.00	23.80 -0.10 0.00	26.03 -0.16 0.00	29.61 -0.42 0.00	31.00 -0.79 0.00	32.47 -1.07 0.00	34.17 -1.13 0.00	36.98 -1.34 0.00	39.33 -1.64 0.00	42.45 -1.68 0.00	51.73 -1.82 0.00	55.92 -2.27 0.00	58.92 -2.84 0.00	55.66 -2.08 0.00	48.36 -1.60 0.00	40.89 -1.18 0.00	37.09 -1.03 0.00	34.01 -0.38 0.00	30.78 -0.12 0.00
LEDERLE____ 23769	28.36 1.76 0.00	25.54 1.49 0.00	23.77 1.39 0.00	22.12 1.37 0.00	21.70 1.27 0.00	22.95 1.15 0.00	25.24 1.34 0.00	27.73 1.55 0.00	31.89 1.86 0.00	34.12 2.32 0.00	36.13 2.58 0.00	38.06 2.75 0.00	41.58 3.26 0.00	44.62 3.65 0.00	48.01 3.88 0.00	58.98 5.09 -0.33	69.39 5.88 -5.32	74.02 6.48 -5.78	71.15 5.43 -7.99	59.58 4.30 -5.32	46.41 3.11 -1.24	40.98 2.86 0.00	36.80 2.41 0.00	32.76 1.85 0.00
LIGHTHSE_115KV_TB6 355974	26.42 -0.19 0.00	23.91 -0.14 0.00	22.16 -0.22 0.00	20.50 -0.25 0.00	20.19 -0.25 0.00	21.64 -0.15 0.00	23.76 -0.14 0.00	25.95 -0.24 0.00	29.79 -0.24 0.00	31.54 -0.25 0.00	33.28 -0.27 0.00	34.99 -0.32 0.00	37.98 -0.34 0.00	40.44 -0.53 0.00	43.51 -0.62 0.00	52.54 -1.02 0.00	57.22 -1.34 -0.37	60.65 -1.11 0.00	56.70 -1.04 0.00	49.16 -0.80 0.00	41.56 -0.50 0.00	37.85 -0.27 0.00	34.15 -0.24 0.00	30.66 -0.25 0.00
LINDEN COGEN____ 23786	28.60 2.00 0.00	25.66 1.61 0.00	23.86 1.48 0.00	22.28 1.54 0.00	21.87 1.43 0.00	22.97 1.18 0.00	25.26 1.36 0.00	27.97 1.78 0.00	32.13 2.10 0.00	34.47 2.67 0.00	36.26 2.72 0.00	36.46 2.83 1.67	36.95 3.41 4.78	36.61 3.81 8.17	37.74 4.02 10.41	44.35 5.52 14.72	60.31 6.23 4.10	61.68 6.98 7.06	54.59 5.72 8.86	39.07 4.50 15.39	42.18 3.07 2.95	41.09 2.98 0.00	36.93 2.58 0.04	33.44 2.53 0.00
LINDHRST_69_KV_BK1 356055	36.15 3.06 -6.49	33.78 2.62 -7.11	29.59 2.44 -4.76	23.07 2.32 0.00	22.56 2.13 0.00	23.93 2.14 0.00	26.05 2.15 0.00	30.97 2.88 -1.90	33.49 3.33 -0.13	37.15 3.91 -1.44	38.46 3.96 -0.95	41.90 4.13 -2.46	57.80 4.68 -14.80	68.74 5.12 -22.65	65.94 5.47 -16.34	78.02 7.07 -17.40	91.53 7.97 -25.37	115.16 8.89 -44.51	83.38 7.74 -17.91	73.44 6.30 -17.19	53.17 4.71 -6.40	47.30 4.35 -4.84	44.41 3.99 -6.03	39.31 3.28 -5.13
LIPA_MISC_IPP 23656	36.05 2.95 -6.50	33.69 2.53 -7.11	29.52 2.37 -4.76	23.01 2.26 0.00	22.48 2.04 0.00	23.86 2.07 0.00	25.91 2.01 0.00	30.83 2.75 -1.90	33.25 3.09 -0.13	36.91 3.66 -1.45	39.98 3.62 -2.81	43.63 3.74 -4.58	57.46 4.33 -14.81	95.36 4.79 -49.59	125.64 5.12 -76.39	215.17 6.69 -154.92	248.82 7.45 -183.18	264.01 8.15 -194.10	222.78 7.16 -157.88	225.59 5.90 -169.74	118.99 4.42 -72.50	97.79 4.04 -55.63	45.98 3.65 -7.95	39.91 3.00 -6.01
LISF____SOLAR 323691	36.10 3.01 -6.50	33.74 2.57 -7.11	29.56 2.42 -4.76	23.01 2.26 0.00	22.50 2.06 0.00	23.86 2.07 0.00	25.95 2.06 0.00	30.86 2.77 -1.90	33.13 2.97 -0.13	36.97 3.72 -1.45	40.04 3.66 -2.83	43.88 3.85 -4.72	57.58 4.44 -14.81	115.49 4.87 -69.65	129.23 5.25 -79.85	226.23 6.96 -165.71	263.00 7.62 -197.20	277.72 8.40 -207.56	235.77 7.33 -170.70	230.29 6.09 -174.23	120.97 4.50 -74.40	98.56 4.16 -56.29	46.17 3.75 -8.03	40.42 3.46 -6.05
LITTLE FALLS____HYD 24013	26.31 -0.29 0.00	23.79 -0.26 0.00	22.11 -0.27 0.00	20.50 -0.25 0.00	20.19 -0.25 0.00	21.55 -0.24 0.00	23.66 -0.24 0.00	25.90 -0.29 0.00	29.73 -0.30 0.00	31.54 -0.25 0.00	33.48 -0.07 0.00	35.23 -0.07 0.00	38.21 -0.11 0.00	40.81 -0.16 0.00	43.95 -0.18 0.00	53.02 -0.54 0.00	57.78 -0.41 0.00	61.39 -0.37 0.00	57.39 -0.35 0.00	49.71 -0.25 0.00	41.81 -0.25 0.00	37.93 -0.19 0.00	34.22 -0.17 0.00	30.72 -0.19 0.00
LITTLRIV_115KV_TB1 356100	26.57 -0.03 0.00	24.05 0.00 0.00	22.40 0.02 0.00	20.79 0.04 0.00	20.44 0.00 0.00	21.79 0.00 0.00	24.00 0.10 0.00	26.21 0.03 0.00	29.85 -0.18 0.00	31.26 -0.54 0.00	32.81 -0.74 0.00	34.56 -0.74 0.00	37.37 -0.96 0.00	39.74 -1.23 0.00	42.89 -1.24 0.00	52.11 -1.45 0.00	56.38 -1.80 0.00	59.41 -2.35 0.00	56.12 -1.62 0.00	48.86 -1.10 0.00	41.31 -0.76 0.00	37.43 -0.69 0.00	34.32 -0.07 0.00	31.06 0.15 0.00
LI_NEWBRDGE____DRP 323616	35.40 2.31 -6.49	33.11 1.95 -7.11	28.98 1.84 -4.76	22.55 1.81 0.00	22.05 1.61 0.00	23.36 1.57 0.00	25.45 1.55 0.00	30.23 2.15 -1.90	32.65 2.49 -0.13	36.20 2.96 -1.44	36.95 3.05 -0.35	40.88 3.18 -2.40	56.80 3.68 -14.80	65.21 4.06 -20.19	61.03 4.32 -12.57	70.06 5.68 -10.82	84.94 6.46 -20.29	108.62 7.16 -39.70	77.20 6.06 -13.41	60.47 4.90 -5.61	47.00 3.62 -1.32	41.45 3.32 -0.02	37.61 3.06 -0.16	35.68 2.41 -2.37
LOCKPORT_115KV_TB60_63_64 80432	26.81 0.21 0.00	24.39 0.34 0.00	22.27 -0.11 0.00	20.29 -0.46 0.00	20.11 -0.33 0.00	22.16 0.37 0.00	24.28 0.38 0.00	26.55 0.37 0.00	30.42 0.39 0.00	32.40 0.60 0.00	34.15 0.60 0.00	35.80 0.49 0.00	38.82 0.50 0.00	40.89 -0.08 0.00	43.78 -0.35 0.00	52.32 -1.23 0.00	55.98 -2.97 -0.77	61.49 -1.11 -0.85	57.29 -1.62 -1.17	49.14 -1.60 -0.78	41.49 -0.76 -0.18	37.62 -0.50 0.00	34.39 0.00 0.00	31.18 0.28 0.00
LOCKPORT____CC1 323769	26.81 0.21 0.00	24.39 0.34 0.00	22.25 -0.13 0.00	20.46 -0.29 0.00	20.13 -0.31 0.00	22.14 0.35 0.00	24.33 0.43 0.00	26.55 0.37 0.00	30.60 0.57 0.00	32.40 0.60 0.00	34.32 0.77 0.00	36.05 0.74 0.00	38.82 0.50 0.00	40.97 0.00 0.00	43.87 -0.26 0.00	52.27 -1.29 0.00	55.93 -3.03 -0.77	61.69 -0.92 -0.86	57.42 -1.50 -1.18	49.20 -1.55 -0.79	41.57 -0.67 -0.18	37.62 -0.50 0.00	34.36 -0.03 0.00	30.87 -0.03 0.00
LOCKPORT____CC2 323770	26.81 0.21 0.00	24.39 0.34 0.00	22.25 -0.13 0.00	20.46 -0.29 0.00	20.13 -0.31 0.00	22.14 0.35 0.00	24.33 0.43 0.00	26.55 0.37 0.00	30.60 0.57 0.00	32.40 0.60 0.00	34.32 0.77 0.00	36.05 0.74 0.00	38.82 0.50 0.00	40.97 0.00 0.00	43.87 -0.26 0.00	52.27 -1.29 0.00	55.93 -3.03 -0.77	61.69 -0.92 -0.86	57.42 -1.50 -1.18	49.20 -1.55 -0.79	41.57 -0.67 -0.18	37.62 -0.50 0.00	34.36 -0.03 0.00	30.87 -0.03 0.00
LOCKPORT____CC3 323771	26.81 0.21 0.00	24.39 0.34 0.00	22.25 -0.13 0.00	20.46 -0.29 0.00	20.13 -0.31 0.00	22.14 0.35 0.00	24.33 0.43 0.00	26.55 0.37 0.00	30.60 0.57 0.00	32.40 0.60 0.00	34.32 0.77 0.00	36.05 0.74 0.00	38.82 0.50 0.00	40.97 0.00 0.00	43.87 -0.26 0.00	52.27 -1.29 0.00	55.93 -3.03 -0.77	61.69 -0.92 -0.86	57.42 -1.50 -1.18	49.20 -1.55 -0.79	41.57 -0.67 -0.18	37.62 -0.50 0.00	34.36 -0.03 0.00	30.87 -0.03 0.00

LONG_LAKE_PHOENIX 24014	26.23 -0.37 0.00	23.74 -0.31 0.00	22.00 -0.38 0.00	20.35 -0.39 0.00	20.07 -0.37 0.00	21.51 -0.28 0.00	23.59 -0.31 0.00	25.82 -0.37 0.00	29.61 -0.42 0.00	31.38 -0.41 0.00	33.11 -0.44 0.00	34.78 -0.53 0.00	37.83 -0.50 0.00	40.35 -0.61 0.00	43.42 -0.71 0.00	52.43 -1.12 0.00	57.32 -1.28 -0.41	60.71 -1.05 0.00	56.58 -1.15 0.00	48.91 -1.05 0.00	41.31 -0.76 0.00	37.55 -0.57 0.00	33.87 -0.52 0.00	30.38 -0.53 0.00
LOVETT___3 23632	28.22 1.62 0.00	25.45 1.40 0.00	23.68 1.30 0.00	22.05 1.31 0.00	21.64 1.21 0.00	22.88 1.09 0.00	25.14 1.24 0.00	27.63 1.44 0.00	31.77 1.74 0.00	33.96 2.16 0.00	35.93 2.38 0.00	37.85 2.54 0.00	41.31 2.99 0.00	44.33 3.36 0.00	47.71 3.57 0.00	58.60 4.71 -0.34	69.07 5.53 -5.36	73.62 6.05 -5.81	70.79 5.02 -8.03	59.31 4.00 -5.35	46.17 2.86 -1.25	40.71 2.59 0.00	36.59 2.20 0.00	32.60 1.70 0.00
LOVETT___4 23642	28.22 1.62 0.00	25.45 1.40 0.00	23.68 1.30 0.00	22.05 1.31 0.00	21.64 1.21 0.00	22.88 1.09 0.00	25.14 1.24 0.00	27.63 1.44 0.00	31.77 1.74 0.00	33.96 2.16 0.00	35.93 2.38 0.00	37.85 2.54 0.00	41.31 2.99 0.00	44.33 3.36 0.00	47.71 3.57 0.00	58.60 4.71 -0.34	69.07 5.53 -5.36	73.62 6.05 -5.81	70.79 5.02 -8.03	59.31 4.00 -5.35	46.17 2.86 -1.25	40.71 2.59 0.00	36.59 2.20 0.00	32.60 1.70 0.00
LOVETT___5 23593	28.22 1.62 0.00	25.45 1.40 0.00	23.68 1.30 0.00	22.05 1.31 0.00	21.64 1.21 0.00	22.88 1.09 0.00	25.14 1.24 0.00	27.63 1.44 0.00	31.77 1.74 0.00	33.96 2.16 0.00	35.93 2.38 0.00	37.85 2.54 0.00	41.31 2.99 0.00	44.33 3.36 0.00	47.71 3.57 0.00	58.60 4.71 -0.34	69.07 5.53 -5.36	73.62 6.05 -5.81	70.79 5.02 -8.03	59.31 4.00 -5.35	46.17 2.86 -1.25	40.71 2.59 0.00	36.59 2.20 0.00	32.60 1.70 0.00
LOWER RAQUET___HYD 24057	26.28 -0.32 0.00	23.81 -0.24 0.00	22.18 -0.20 0.00	20.54 -0.21 0.00	20.25 -0.18 0.00	21.60 -0.20 0.00	23.76 -0.14 0.00	25.98 -0.21 0.00	29.58 -0.45 0.00	30.94 -0.86 0.00	32.34 -1.21 0.00	34.00 -1.31 0.00	36.83 -1.50 0.00	39.17 -1.80 0.00	42.23 -1.90 0.00	51.52 -2.04 0.00	55.63 -2.56 0.00	58.61 -3.15 0.00	55.36 -2.37 0.00	48.17 -1.80 0.00	40.72 -1.35 0.00	36.94 -1.18 0.00	34.01 -0.38 0.00	30.56 -0.34 0.00
LOWER___HUDSON 24059	27.72 1.12 0.00	25.04 0.99 0.00	23.41 1.03 0.00	21.66 0.91 0.00	21.38 0.94 0.00	22.66 0.87 0.00	24.81 0.91 0.00	27.13 0.94 0.00	31.08 1.05 0.00	33.10 1.30 0.00	35.02 1.47 0.00	36.89 1.59 0.00	40.13 1.80 0.00	43.02 2.05 0.00	46.34 2.21 0.00	55.72 2.73 0.56	68.19 3.14 -6.87	82.84 3.52 -17.56	85.08 3.06 -24.28	68.82 2.70 -16.16	48.06 2.23 -3.77	39.98 1.87 0.00	35.90 1.51 0.00	32.29 1.39 0.00
LOWVILLE_115KV_TB2 356335	26.76 0.16 0.00	24.20 0.14 0.00	22.47 0.09 0.00	20.79 0.04 0.00	20.46 0.02 0.00	21.88 0.09 0.00	24.04 0.14 0.00	26.21 0.03 0.00	30.09 0.06 0.00	31.80 0.00 0.00	33.48 -0.07 0.00	35.27 -0.04 0.00	38.21 -0.11 0.00	40.68 -0.29 0.00	43.78 -0.35 0.00	52.97 -0.59 0.00	57.57 -0.81 -0.20	61.08 -0.68 0.00	57.39 -0.35 0.00	49.91 -0.05 0.00	42.23 0.17 0.00	38.31 0.19 0.00	34.70 0.31 0.00	31.15 0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.22 1.62 0.00	25.47 1.42 0.00	23.79 1.41 0.00	22.01 1.27 0.00	21.70 1.27 0.00	23.03 1.24 0.00	25.21 1.31 0.00	27.63 1.44 0.00	31.68 1.65 0.00	33.70 1.91 0.00	35.76 2.21 0.00	37.67 2.37 0.00	40.97 2.64 0.00	43.88 2.91 0.00	47.31 3.18 0.00	56.91 3.80 0.45	69.63 4.36 -7.08	86.66 4.82 -20.08	90.00 4.50 -27.76	72.29 3.85 -18.48	49.69 3.32 -4.31	40.90 2.78 0.00	36.66 2.27 0.00	32.79 1.89 0.00
LUTHERNY_35_KV_BK2 355980	28.25 1.65 0.00	25.50 1.44 0.00	23.81 1.43 0.00	22.01 1.27 0.00	21.70 1.27 0.00	23.03 1.24 0.00	25.21 1.31 0.00	27.65 1.47 0.00	31.71 1.68 0.00	33.74 1.94 0.00	35.80 2.25 0.00	37.71 2.40 0.00	41.01 2.68 0.00	43.92 2.95 0.00	47.31 3.18 0.00	56.91 3.80 0.45	69.69 4.42 -7.08	86.72 4.88 -20.08	90.06 4.56 -27.76	72.34 3.90 -18.48	49.73 3.37 -4.31	40.98 2.86 0.00	36.69 2.30 0.00	32.79 1.89 0.00
LWR___OSWEGATCHIE_HYD 23850	26.50 -0.11 0.00	23.98 -0.07 0.00	22.29 -0.09 0.00	20.64 -0.10 0.00	20.31 -0.12 0.00	21.71 -0.09 0.00	23.88 -0.02 0.00	26.06 -0.13 0.00	29.79 -0.24 0.00	31.29 -0.51 0.00	32.81 -0.74 0.00	34.53 -0.78 0.00	37.40 -0.92 0.00	39.78 -1.19 0.00	42.85 -1.28 0.00	52.06 -1.50 0.00	56.47 -1.86 -0.14	59.72 -2.04 0.00	56.23 -1.50 0.00	48.91 -1.05 0.00	41.39 -0.67 0.00	37.55 -0.57 0.00	34.29 -0.10 0.00	30.90 0.00 0.00
LYONS_FALL_HYD 23570	26.97 0.37 0.00	24.39 0.34 0.00	22.65 0.27 0.00	20.95 0.21 0.00	20.62 0.18 0.00	22.05 0.26 0.00	24.21 0.31 0.00	26.45 0.26 0.00	30.36 0.33 0.00	32.18 0.38 0.00	34.05 0.50 0.00	35.83 0.53 0.00	38.82 0.50 0.00	41.42 0.45 0.00	44.53 0.40 0.00	53.98 0.43 0.00	58.60 0.23 -0.18	62.25 0.49 0.00	58.31 0.58 0.00	50.61 0.65 0.00	42.73 0.67 0.00	38.73 0.61 0.00	34.97 0.58 0.00	31.37 0.46 0.00
MADISON___COUNTY_LFGE 323628	27.29 0.69 0.00	24.65 0.60 0.00	22.87 0.49 0.00	21.14 0.39 0.00	20.82 0.39 0.00	22.29 0.50 0.00	24.47 0.57 0.00	26.76 0.58 0.00	30.69 0.66 0.00	32.62 0.83 0.00	34.59 1.04 0.00	36.40 1.09 0.00	39.47 1.15 0.00	42.16 1.19 0.00	45.32 1.19 0.00	54.79 1.23 0.00	59.83 1.34 -0.30	63.61 1.85 0.00	59.35 1.62 0.00	51.41 1.45 0.00	43.41 1.35 0.00	39.34 1.22 0.00	35.39 1.00 0.00	31.68 0.77 0.00
MALONE___115KV_TB1 356076	26.12 -0.48 0.00	23.67 -0.38 0.00	22.11 -0.27 0.00	20.54 -0.21 0.00	20.23 -0.20 0.00	21.64 -0.15 0.00	23.90 0.00 0.00	26.27 0.08 0.00	30.03 0.00 0.00	31.45 -0.35 0.00	32.91 -0.64 0.00	34.78 -0.53 0.00	37.67 -0.65 0.00	40.23 -0.74 0.00	43.65 -0.49 0.00	53.39 -0.16 0.00	57.66 -0.52 0.00	60.89 -0.86 0.00	57.62 -0.12 0.00	50.11 0.15 0.00	42.44 0.38 0.00	38.23 0.11 0.00	34.84 0.45 0.00	31.52 0.62 0.00
MAPLEWOD_115KV_TB3 80458	27.80 1.20 0.00	25.09 1.03 0.00	23.46 1.07 0.00	21.70 0.95 0.00	21.40 0.96 0.00	22.69 0.89 0.00	24.83 0.93 0.00	27.18 1.00 0.00	31.20 1.17 0.00	33.23 1.43 0.00	35.26 1.71 0.00	37.14 1.84 0.00	40.32 1.99 0.00	43.26 2.29 0.00	46.60 2.47 0.00	56.06 2.95 0.44	68.51 3.43 -6.89	81.12 3.83 -15.54	82.57 3.35 -21.48	67.11 2.85 -14.30	47.75 2.36 -3.33	40.14 2.02 0.00	36.07 1.69 0.00	32.26 1.36 0.00
MAPLE RIDGE_WT_1 323574	25.72 -0.88 0.00	23.43 -0.63 0.00	21.93 -0.45 0.00	20.41 -0.33 0.00	20.17 -0.27 0.00	21.51 -0.28 0.00	23.64 -0.26 0.00	25.98 -0.21 0.00	29.88 -0.15 0.00	31.67 -0.13 0.00	33.38 -0.17 0.00	35.02 -0.28 0.00	37.98 -0.35 0.00	40.56 -0.41 0.00	43.78 -0.35 0.00	53.18 -0.37 0.00	57.95 -0.23 0.00	61.82 0.06 0.00	57.73 0.00 0.00	49.96 0.00 0.00	42.06 0.00 0.00	38.12 0.00 0.00	34.36 -0.03 0.00	30.84 -0.06 0.00

MAPLE RIDGE_WT_2 323611	25.72 -0.88 0.00	23.43 -0.63 0.00	21.93 -0.45 0.00	20.41 -0.33 0.00	20.17 -0.27 0.00	21.51 -0.28 0.00	23.64 -0.26 0.00	25.98 -0.21 0.00	29.88 -0.15 0.00	31.67 -0.13 0.00	33.38 -0.17 0.00	35.02 -0.28 0.00	37.98 -0.35 0.00	40.56 -0.41 0.00	43.78 -0.35 0.00	53.18 -0.37 0.00	57.95 -0.23 0.00	61.82 0.06 0.00	57.73 0.00 0.00	49.96 0.00 0.00	42.06 0.00 0.00	38.12 0.00 0.00	34.36 -0.03 0.00	30.84 -0.06 0.00
MARBLE RIVER_WT_PWR 323696	25.91 -0.69 0.00	23.50 -0.55 0.00	21.96 -0.43 0.00	20.37 -0.37 0.00	20.11 -0.33 0.00	21.53 -0.26 0.00	23.78 -0.12 0.00	26.16 -0.03 0.00	29.94 -0.09 0.00	31.38 -0.41 0.00	32.88 -0.67 0.00	34.74 -0.57 0.00	37.64 -0.69 0.00	40.23 -0.74 0.00	43.65 -0.48 0.00	53.40 -0.16 0.00	57.90 -0.29 0.00	61.14 -0.62 0.00	57.97 0.23 0.00	50.36 0.40 0.00	42.61 0.55 0.00	38.39 0.27 0.00	34.87 0.48 0.00	31.34 0.43 0.00
MARSHVLE_115KV_TB1 80742	29.26 2.66 0.00	26.36 2.31 0.00	24.55 2.17 0.00	22.70 1.95 0.00	22.38 1.94 0.00	23.88 2.09 0.00	26.27 2.37 0.00	28.73 2.54 0.00	32.85 2.82 0.00	34.88 3.08 0.00	36.97 3.42 0.00	38.87 3.57 0.00	42.39 4.06 0.00	45.27 4.30 0.00	48.76 4.63 0.00	58.43 5.14 0.27	72.62 5.76 -8.67	86.42 6.73 -17.93	89.00 6.47 -24.80	71.96 5.50 -16.50	51.21 5.30 -3.85	42.69 4.57 0.00	38.10 3.71 0.00	33.96 3.06 0.00
MARSH_HILL_WT_PWR 323713	27.45 0.85 0.00	24.87 0.82 0.00	22.81 0.42 0.00	21.04 0.29 0.00	20.76 0.33 0.00	22.71 0.92 0.00	25.00 1.10 0.00	27.44 1.26 0.00	31.47 1.44 0.00	33.32 1.53 0.00	35.36 1.81 0.00	37.17 1.87 0.00	40.28 1.95 0.00	42.73 1.76 0.00	45.85 1.72 0.00	54.90 1.34 0.00	59.40 0.18 -1.04	65.20 2.22 -1.22	61.10 1.68 -1.69	52.24 1.15 -1.12	43.76 1.43 -0.26	39.49 1.37 0.00	35.73 1.34 0.00	31.95 1.05 0.00
MCINTYRE_115KV_TB2 80467	26.73 0.13 0.00	24.20 0.14 0.00	22.56 0.18 0.00	20.91 0.17 0.00	20.54 0.10 0.00	21.92 0.13 0.00	24.12 0.22 0.00	26.32 0.13 0.00	29.94 -0.09 0.00	31.41 -0.38 0.00	32.98 -0.57 0.00	34.78 -0.53 0.00	37.60 -0.73 0.00	40.03 -0.94 0.00	43.25 -0.88 0.00	52.65 -0.91 0.00	56.91 -1.28 0.00	59.97 -1.79 0.00	56.70 -1.04 0.00	49.36 -0.60 0.00	41.77 -0.29 0.00	37.77 -0.34 0.00	34.49 0.10 0.00	31.21 0.31 0.00
MECO____69_KV_BK1 80468	29.79 3.19 0.00	26.79 2.74 0.00	24.98 2.60 0.00	23.05 2.30 0.00	22.72 2.29 0.00	24.23 2.44 0.00	26.67 2.77 0.00	29.12 2.93 0.00	33.21 3.18 0.00	35.20 3.40 0.00	38.01 4.46 0.00	39.93 4.62 0.00	43.73 5.40 0.00	46.70 5.74 0.00	50.44 6.31 0.00	59.37 6.11 0.29	73.31 6.92 -8.20	89.16 8.21 -19.19	92.46 8.20 -26.53	74.51 6.89 -17.66	52.53 6.35 -4.11	43.57 5.45 0.00	38.72 4.33 0.00	34.46 3.55 0.00
MENANDS__115KV_TB5 355628	27.51 0.90 0.00	24.85 0.79 0.00	23.23 0.85 0.00	21.51 0.77 0.00	21.19 0.76 0.00	22.47 0.68 0.00	24.57 0.67 0.00	26.89 0.71 0.00	30.87 0.84 0.00	32.85 1.05 0.00	34.82 1.27 0.00	36.68 1.38 0.00	39.74 1.42 0.00	42.65 1.68 0.00	45.94 1.81 0.00	55.30 2.20 0.45	67.64 2.62 -6.83	79.19 2.90 -14.53	80.25 2.42 -20.09	65.48 2.15 -13.37	46.86 1.68 -3.12	39.57 1.45 0.00	35.63 1.24 0.00	31.86 0.96 0.00
MG INDUSTRY__DRP 24185	27.61 1.01 0.00	24.94 0.89 0.00	23.32 0.94 0.00	21.60 0.85 0.00	21.27 0.84 0.00	22.55 0.76 0.00	24.66 0.76 0.00	26.97 0.79 0.00	30.96 0.93 0.00	32.94 1.14 0.00	34.89 1.34 0.00	36.75 1.45 0.00	39.63 1.30 0.00	42.48 1.52 0.00	45.72 1.59 0.00	55.21 1.93 0.27	67.07 2.15 -6.73	75.23 2.41 -11.07	75.17 2.14 -15.30	62.04 1.90 -10.18	45.99 1.56 -2.37	39.49 1.37 0.00	35.73 1.34 0.00	31.98 1.08 0.00
MID__OSWEGATCHIE_HYD 23849	26.50 -0.11 0.00	23.98 -0.07 0.00	22.29 -0.09 0.00	20.64 -0.10 0.00	20.31 -0.12 0.00	21.71 -0.09 0.00	23.88 -0.02 0.00	26.06 -0.13 0.00	29.79 -0.24 0.00	31.29 -0.51 0.00	32.81 -0.74 0.00	34.53 -0.78 0.00	37.40 -0.92 0.00	39.78 -1.19 0.00	42.85 -1.28 0.00	52.06 -1.50 0.00	56.47 -1.86 -0.14	59.72 -2.04 0.00	56.23 -1.50 0.00	48.91 -1.05 0.00	41.39 -0.67 0.00	37.55 -0.57 0.00	34.29 -0.10 0.00	30.90 0.00 0.00
MID__RAQUETTE_HYD 23851	26.28 -0.32 0.00	23.81 -0.24 0.00	22.18 -0.20 0.00	20.58 -0.17 0.00	20.25 -0.18 0.00	21.60 -0.20 0.00	23.76 -0.14 0.00	25.98 -0.21 0.00	29.58 -0.45 0.00	30.94 -0.86 0.00	32.34 -1.21 0.00	34.03 -1.27 0.00	36.83 -1.49 0.00	39.17 -1.80 0.00	42.23 -1.90 0.00	51.47 -2.09 0.00	55.63 -2.56 0.00	58.61 -3.15 0.00	55.37 -2.37 0.00	48.16 -1.80 0.00	40.72 -1.35 0.00	36.94 -1.18 0.00	34.01 -0.38 0.00	30.75 -0.15 0.00
MILLIKEN__1 23584	27.27 0.67 0.00	24.65 0.60 0.00	22.78 0.40 0.00	21.08 0.33 0.00	20.78 0.35 0.00	22.36 0.57 0.00	24.52 0.62 0.00	26.92 0.73 0.00	30.84 0.81 0.00	32.72 0.92 0.00	34.55 1.01 0.00	36.33 1.02 0.00	39.51 1.19 0.00	42.16 1.19 0.00	45.32 1.19 0.00	54.73 1.18 0.00	60.36 1.16 -1.01	64.90 1.91 -1.23	61.11 1.67 -1.70	52.54 1.45 -1.13	43.67 1.35 -0.26	39.41 1.30 0.00	35.42 1.03 0.00	31.68 0.77 0.00
MILLIKEN__2 23585	27.27 0.67 0.00	24.65 0.60 0.00	22.78 0.40 0.00	21.08 0.33 0.00	20.78 0.35 0.00	22.36 0.57 0.00	24.52 0.62 0.00	26.92 0.73 0.00	30.84 0.81 0.00	32.72 0.92 0.00	34.55 1.01 0.00	36.33 1.02 0.00	39.51 1.19 0.00	42.16 1.19 0.00	45.32 1.19 0.00	54.73 1.18 0.00	60.36 1.16 -1.01	64.90 1.91 -1.23	61.11 1.67 -1.70	52.54 1.45 -1.13	43.67 1.35 -0.26	39.41 1.30 0.00	35.42 1.03 0.00	31.68 0.77 0.00
MILLIKEN__DIESEL 23629	27.27 0.67 0.00	24.65 0.60 0.00	22.78 0.40 0.00	21.08 0.33 0.00	20.78 0.35 0.00	22.36 0.57 0.00	24.52 0.62 0.00	26.92 0.73 0.00	30.84 0.81 0.00	32.72 0.92 0.00	34.55 1.01 0.00	36.33 1.02 0.00	39.51 1.19 0.00	42.16 1.19 0.00	45.32 1.19 0.00	54.73 1.18 0.00	60.36 1.16 -1.01	64.90 1.91 -1.23	61.11 1.67 -1.70	52.54 1.45 -1.13	43.67 1.35 -0.26	39.41 1.30 0.00	35.42 1.03 0.00	31.68 0.77 0.00
MILLSEAT__LFGE 323607	27.24 0.64 0.00	24.77 0.72 0.00	22.58 0.20 0.00	20.79 0.04 0.00	20.44 0.00 0.00	22.47 0.68 0.00	24.69 0.79 0.00	27.00 0.81 0.00	31.56 1.53 0.00	33.45 1.65 0.00	35.46 1.91 0.00	37.32 2.01 0.00	40.13 1.80 0.00	42.40 1.43 0.00	45.45 1.32 0.00	53.93 0.38 0.00	57.88 -1.05 -0.74	62.64 0.06 -0.82	58.40 -0.46 -1.13	50.12 -0.60 -0.75	42.45 0.21 -0.18	38.39 0.27 0.00	34.97 0.58 0.00	31.30 0.40 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.41 1.81 0.00	25.54 1.49 0.00	23.81 1.43 0.00	22.16 1.41 0.00	21.74 1.31 0.00	22.99 1.20 0.00	25.24 1.34 0.00	27.81 1.62 0.00	31.98 1.95 0.00	34.21 2.42 0.00	36.20 2.65 0.00	38.09 2.79 0.00	41.58 3.26 0.00	44.62 3.65 0.00	48.01 3.88 0.00	59.06 5.14 -0.36	77.07 5.94 -12.95	77.63 6.55 -9.32	71.56 5.48 -8.34	59.91 4.40 -5.55	46.51 3.15 -1.29	40.98 2.86 0.00	36.83 2.44 0.00	32.82 1.92 0.00

MILLWOOD_13_KV_LOAD 356217	28.46 1.86 0.00	25.62 1.56 0.00	23.86 1.48 0.00	22.20 1.45 0.00	21.78 1.35 0.00	23.03 1.24 0.00	25.29 1.39 0.00	27.89 1.70 0.00	32.10 2.07 0.00	34.34 2.54 0.00	36.37 2.82 0.00	38.34 3.04 0.00	41.93 3.60 0.00	44.98 4.01 0.00	48.41 4.28 0.00	59.54 5.62 -0.36	77.65 6.52 -12.95	78.24 7.16 -9.32	72.08 6.00 -8.34	60.36 4.85 -5.55	46.81 3.45 -1.29	41.20 3.09 0.00	37.00 2.61 0.00	32.94 2.04 0.00
MODEL_CITY_ENERGY 24167	26.52 -0.08 0.00	24.15 0.10 0.00	22.05 -0.34 0.00	20.27 -0.48 0.00	19.95 -0.49 0.00	21.95 0.15 0.00	24.09 0.19 0.00	26.24 0.05 0.00	30.24 0.21 0.00	32.02 0.22 0.00	33.88 0.34 0.00	35.59 0.28 0.00	38.32 0.00 0.00	40.44 -0.53 0.00	43.29 -0.84 0.00	51.58 -1.98 0.00	55.24 -3.73 -0.78	60.90 -1.73 -0.87	56.68 -2.25 -1.20	48.61 -2.15 -0.80	41.07 -1.18 -0.19	37.13 -0.99 0.00	33.94 -0.45 0.00	30.53 -0.37 0.00
MODERN_LFGE_ 323580	26.52 -0.08 0.00	24.15 0.10 0.00	22.05 -0.34 0.00	20.27 -0.48 0.00	19.95 -0.49 0.00	21.95 0.15 0.00	24.09 0.19 0.00	26.24 0.05 0.00	30.24 0.21 0.00	32.02 0.22 0.00	33.88 0.34 0.00	35.59 0.28 0.00	38.32 0.00 0.00	40.44 -0.53 0.00	43.29 -0.84 0.00	51.58 -1.98 0.00	55.24 -3.73 -0.78	60.90 -1.73 -0.87	56.68 -2.25 -1.20	48.61 -2.15 -0.80	41.07 -1.18 -0.19	37.13 -0.99 0.00	33.94 -0.45 0.00	30.53 -0.37 0.00
MOHAWK_PAPER__DRP 24187	27.80 1.20 0.00	25.09 1.03 0.00	23.46 1.07 0.00	21.70 0.95 0.00	21.40 0.96 0.00	22.69 0.89 0.00	24.83 0.93 0.00	27.18 1.00 0.00	31.20 1.17 0.00	33.23 1.43 0.00	35.26 1.71 0.00	37.14 1.84 0.00	40.32 1.99 0.00	43.26 2.29 0.00	46.60 2.47 0.00	56.06 2.95 0.44	68.51 3.43 -6.89	81.12 3.83 -15.54	82.57 3.35 -21.48	67.11 2.85 -14.30	47.75 2.36 -3.33	40.14 2.02 0.00	36.07 1.69 0.00	32.26 1.36 0.00
MOHICAN__35_KV_115KV_LD 80490	28.28 1.68 0.00	25.50 1.44 0.00	23.84 1.45 0.00	22.01 1.27 0.00	21.70 1.27 0.00	23.06 1.26 0.00	25.26 1.36 0.00	27.71 1.52 0.00	31.74 1.71 0.00	33.80 2.00 0.00	35.83 2.28 0.00	37.74 2.44 0.00	41.08 2.76 0.00	43.92 2.95 0.00	47.35 3.22 0.00	56.92 3.80 0.44	69.70 4.42 -7.10	86.84 4.88 -20.20	90.69 5.02 -27.93	72.70 4.15 -18.59	50.18 3.79 -4.33	41.28 3.16 0.00	36.87 2.48 0.00	32.91 2.01 0.00
MONGAUP__HYD 23641	27.74 1.14 0.00	24.97 0.91 0.00	23.52 1.14 0.00	21.85 1.10 0.00	21.46 1.02 0.00	22.73 0.94 0.00	24.95 1.05 0.00	27.00 0.81 0.00	30.69 0.66 0.00	32.78 0.99 0.00	34.59 1.04 0.00	36.47 1.16 0.00	39.82 1.49 0.00	42.73 1.76 0.00	45.98 1.85 0.00	56.52 2.68 -0.29	66.40 3.26 -4.96	71.04 3.89 -5.39	68.36 3.17 -7.45	57.57 2.65 -4.96	45.07 1.85 -1.16	39.83 1.72 0.00	35.73 1.34 0.00	32.11 1.20 0.00
MONTAUK__DIESEL 23721	37.60 4.50 -6.50	35.06 3.90 -7.11	30.77 3.63 -4.76	24.07 3.32 0.00	23.50 3.07 0.00	25.00 3.20 0.00	27.17 3.27 0.00	32.35 4.27 -1.90	35.14 4.98 -0.13	39.19 5.95 -1.45	42.71 6.34 -2.82	46.72 6.78 -4.64	60.84 7.70 -14.81	99.42 8.40 -50.05	130.61 9.00 -77.47	223.06 11.30 -158.20	258.29 12.45 -187.65	272.78 12.66 -198.36	231.76 12.12 -161.90	231.49 9.99 -171.53	123.03 7.70 -73.26	101.02 6.98 -55.93	48.55 6.19 -7.97	42.03 5.10 -6.02
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.59 0.98 0.00	25.06 1.01 0.00	22.92 0.54 0.00	21.10 0.35 0.00	20.91 0.47 0.00	23.08 1.29 0.00	25.41 1.51 0.00	27.97 1.78 0.00	31.98 1.95 0.00	34.18 2.38 0.00	36.13 2.58 0.00	37.78 2.47 0.00	41.01 2.68 0.00	43.26 2.29 0.00	46.29 2.16 0.00	55.38 1.82 0.00	59.14 0.06 -0.89	65.37 2.59 -1.02	60.87 1.73 -1.40	51.85 0.95 -0.93	43.59 1.30 -0.22	39.64 1.52 0.00	36.04 1.65 0.00	32.36 1.45 0.00
MORTIMER_115KV_TB3 55949	26.95 0.35 0.00	24.46 0.41 0.00	22.43 0.04 0.00	20.56 -0.19 0.00	20.31 -0.12 0.00	22.14 0.35 0.00	24.35 0.45 0.00	26.71 0.52 0.00	30.66 0.63 0.00	32.62 0.83 0.00	34.35 0.81 0.00	36.08 0.78 0.00	39.17 0.84 0.00	41.46 0.49 0.00	44.48 0.35 0.00	53.34 -0.21 0.00	57.83 -0.99 -0.63	62.43 0.00 -0.67	58.32 -0.35 -0.93	50.18 -0.40 -0.62	42.38 0.17 -0.14	38.38 0.27 0.00	34.80 0.41 0.00	31.21 0.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.73 2.13 0.00	25.81 1.76 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.95 1.51 0.00	23.14 1.35 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.34 2.31 0.00	34.66 2.86 0.00	36.60 3.05 0.00	38.45 3.14 0.00	42.00 3.68 0.00	45.07 4.10 0.00	48.46 4.32 0.00	59.71 5.78 -0.37	77.75 6.58 -12.99	78.41 7.29 -9.37	72.26 6.12 -8.40	60.40 4.85 -5.59	46.82 3.45 -1.30	41.36 3.24 0.00	37.24 2.85 0.00	33.16 2.26 0.00
MUNSVILLE_WIND_PWR 323609	28.76 2.15 0.00	25.95 1.90 0.00	23.99 1.61 0.00	22.18 1.43 0.00	21.83 1.39 0.00	23.49 1.70 0.00	25.86 1.96 0.00	28.15 1.97 0.00	32.19 2.16 0.00	34.21 2.42 0.00	36.26 2.72 0.00	38.13 2.83 0.00	41.24 2.91 0.00	44.04 3.07 0.00	47.26 3.13 0.00	57.20 3.64 -1.50	63.58 3.90 -2.42	69.37 5.19 -3.35	66.05 4.97 -2.23	56.74 4.55 -2.23	46.79 4.21 -0.52	41.89 3.77 0.00	37.52 3.13 0.00	33.50 2.60 0.00
N SALMON__HYD 24042	26.12 -0.48 0.00	23.67 -0.39 0.00	22.11 -0.27 0.00	20.50 -0.25 0.00	20.23 -0.20 0.00	21.64 -0.15 0.00	23.90 0.00 0.00	26.27 0.08 0.00	30.03 0.00 0.00	31.45 -0.35 0.00	32.91 -0.64 0.00	34.78 -0.53 0.00	37.67 -0.65 0.00	40.19 -0.78 0.00	43.65 -0.48 0.00	53.34 -0.21 0.00	57.66 -0.52 0.00	60.83 -0.92 0.00	57.62 -0.12 0.00	50.11 0.15 0.00	42.44 0.38 0.00	38.23 0.11 0.00	34.84 0.45 0.00	31.30 0.40 0.00
N.AKRON__115KV_KNAPP 355671	27.24 0.64 0.00	24.77 0.72 0.00	22.61 0.22 0.00	20.60 -0.15 0.00	20.42 -0.02 0.00	22.47 0.68 0.00	24.64 0.74 0.00	27.00 0.81 0.00	31.05 1.02 0.00	33.07 1.27 0.00	34.89 1.34 0.00	36.61 1.31 0.00	39.67 1.34 0.00	41.83 0.86 0.00	44.79 0.66 0.00	53.34 -0.21 0.00	57.18 -1.75 -0.74	62.52 -0.06 -0.82	58.30 -0.58 -1.14	50.07 -0.65 -0.76	42.37 0.13 -0.18	38.38 0.27 0.00	34.97 0.58 0.00	31.61 0.71 0.00
N.BELMOR_69_KV_BK1 55787	35.72 2.63 -6.49	33.40 2.24 -7.11	29.25 2.10 -4.76	22.76 2.01 0.00	22.28 1.84 0.00	23.60 1.81 0.00	25.72 1.82 0.00	30.55 2.46 -1.90	33.04 2.88 -0.13	36.64 3.40 -1.44	37.46 3.56 -0.35	41.44 3.74 -2.40	57.30 4.18 -14.80	65.74 4.59 -20.19	61.60 4.90 -12.57	70.75 6.37 -10.82	85.75 7.27 -20.29	109.48 8.03 -39.70	78.01 6.87 -13.41	61.12 5.55 -5.61	47.55 4.16 -1.32	42.10 3.96 -0.02	43.10 3.58 -5.14	38.48 2.84 -4.73
N.E._GEN_SANDY PD 24062	27.77 1.17 0.00	25.09 1.03 0.00	23.46 1.07 0.00	21.74 1.00 0.00	21.46 1.02 0.00	22.71 0.92 0.00	24.86 0.96 0.00	27.18 0.99 0.00	31.17 1.14 0.00	33.23 1.43 0.00	35.09 1.54 0.00	36.96 1.66 0.00	40.24 1.92 0.00	43.18 2.21 0.00	46.51 2.38 0.00	53.60 3.05 3.01	66.82 3.61 -5.02	74.68 4.01 -8.91	73.34 3.29 -12.32	61.06 2.90 -8.20	46.12 2.14 -1.91	40.10 1.87 -0.12	35.82 1.55 0.12	32.39 1.48 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.28 1.68 0.00	25.47 1.42 0.00	23.70 1.32 0.00	22.08 1.33 0.00	21.66 1.23 0.00	22.90 1.11 0.00	25.17 1.27 0.00	27.65 1.47 0.00	31.80 1.77 0.00	34.02 2.23 0.00	36.00 2.45 0.00	37.92 2.61 0.00	41.39 3.07 0.00	44.41 3.44 0.00	47.79 3.66 0.00	58.76 4.87 -0.33	69.17 5.64 -5.34	73.79 6.24 -5.79	70.94 5.20 -8.01	59.39 4.10 -5.33	46.25 2.94 -1.24	40.79 2.67 0.00	36.66 2.27 0.00	32.66 1.76 0.00
N.QUEENS_27_KV_LOAD 356247	29.00 2.39 -0.01	26.01 1.95 -0.01	24.20 1.81 -0.01	22.62 1.87 -0.01	22.18 1.74 -0.01	23.36 1.57 0.00	25.50 1.60 0.00	28.50 2.30 -0.01	32.52 2.49 0.00	34.86 3.05 -0.01	36.74 3.19 -0.01	38.60 3.28 -0.01	42.51 4.18 -0.01	45.52 4.55 -0.01	48.82 4.68 -0.01	60.04 6.11 -0.38	78.05 6.87 -13.00	78.61 7.47 -9.38	72.38 6.24 -8.41	60.59 5.05 -5.59	46.77 3.41 -1.30	41.55 3.43 0.00	37.39 2.99 -0.01	33.35 2.44 -0.01
N.TROY___115KV_TB1 355778	27.72 1.12 0.00	25.01 0.96 0.00	23.41 1.03 0.00	21.68 0.93 0.00	21.38 0.94 0.00	22.66 0.87 0.00	24.78 0.88 0.00	27.13 0.94 0.00	31.11 1.08 0.00	33.10 1.30 0.00	35.06 1.51 0.00	36.93 1.62 0.00	40.13 1.80 0.00	43.02 2.05 0.00	46.38 2.25 0.00	55.72 2.73 0.57	68.19 3.14 -6.86	82.84 3.52 -17.56	85.08 3.06 -24.28	68.87 2.75 -16.16	48.06 2.23 -3.77	39.98 1.87 0.00	35.90 1.51 0.00	32.14 1.24 0.00
NARROWS_GT1_1 24228	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT1_2 24229	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT1_3 24230	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT1_4 24231	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT1_5 24232	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT1_6 24233	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT1_7 24234	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT1_8 24235	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT2_1 24236	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT2_2 24237	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT2_3 24238	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT2_4 24239	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69

NARROWS_GT2_5 24240	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT2_6 24241	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT2_7 24242	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NARROWS_GT2_8 24243	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.13 4.51 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.53 7.72 -73.05	78.51 6.35 -14.42	78.34 4.95 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.93 1.33 0.00	25.16 1.11 0.00	23.50 1.12 0.00	21.74 1.00 0.00	21.40 0.96 0.00	22.66 0.87 0.00	24.90 1.00 0.00	27.03 0.84 0.00	30.99 0.96 0.00	33.00 1.21 0.00	35.09 1.54 0.00	37.00 1.69 0.00	39.82 1.49 0.00	42.85 1.88 0.00	46.16 2.03 0.00	56.04 2.68 0.19	67.15 2.50 -6.46	75.08 2.90 -10.42	74.97 2.83 -14.41	62.15 2.60 -9.59	46.53 2.23 -2.23	40.18 2.06 0.00	36.32 1.93 0.00	32.45 1.55 0.00
NCHELSEA_115KV_TR2 355582	28.44 1.84 0.00	25.59 1.54 0.00	23.81 1.43 0.00	22.16 1.41 0.00	21.72 1.29 0.00	22.97 1.18 0.00	25.29 1.39 0.00	27.68 1.49 0.00	31.83 1.80 0.00	34.05 2.26 0.00	36.13 2.58 0.00	38.13 2.82 0.00	41.62 3.30 0.00	44.74 3.77 0.00	48.19 4.06 0.00	59.08 5.25 -0.28	69.70 5.94 -5.58	74.44 6.55 -6.14	71.76 5.54 -8.49	60.21 4.60 -5.65	46.74 3.37 -1.32	41.17 3.05 0.00	36.93 2.54 0.00	32.91 2.01 0.00
NEG CAPITAL___MECHNVIL 23645	28.25 1.65 0.00	25.50 1.44 0.00	23.82 1.43 0.00	22.01 1.27 0.00	21.70 1.27 0.00	23.06 1.26 0.00	25.24 1.34 0.00	27.65 1.47 0.00	31.68 1.65 0.00	33.77 1.97 0.00	35.83 2.28 0.00	37.74 2.43 0.00	41.12 2.80 0.00	44.00 3.03 0.00	47.44 3.31 0.00	57.08 4.02 0.49	69.74 4.54 -7.01	86.23 5.07 -19.41	89.25 4.67 -26.84	71.77 3.95 -17.86	49.63 3.41 -4.16	40.98 2.86 0.00	36.73 2.34 0.00	32.94 2.04 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.44 -0.16 0.00	23.98 -0.07 0.00	22.00 -0.38 0.00	20.29 -0.46 0.00	19.99 -0.45 0.00	21.71 -0.09 0.00	23.85 -0.05 0.00	26.24 0.05 0.00	30.24 0.21 0.00	32.11 0.32 0.00	33.98 0.43 0.00	35.76 0.46 0.00	38.63 0.31 0.00	41.05 0.08 0.00	44.13 0.00 0.00	52.81 -0.75 0.00	57.46 -1.34 -0.61	61.85 -0.56 -0.65	57.82 -0.81 -0.90	49.71 -0.85 -0.60	41.95 -0.25 -0.14	37.93 -0.19 0.00	34.25 -0.14 0.00	30.56 -0.34 0.00
NEG CENTRAL___DRP 24199	26.95 0.35 0.00	24.32 0.26 0.00	22.43 0.04 0.00	20.71 -0.04 0.00	20.44 0.00 0.00	22.08 0.28 0.00	24.26 0.36 0.00	26.66 0.47 0.00	30.54 0.51 0.00	32.43 0.64 0.00	34.32 0.77 0.00	35.98 0.67 0.00	39.13 0.80 0.00	41.67 0.70 0.00	44.79 0.66 0.00	53.82 0.27 0.00	58.97 0.12 -0.67	63.35 0.86 -0.72	59.37 0.64 -1.00	51.03 0.40 -0.67	42.77 0.55 -0.16	38.73 0.61 0.00	34.94 0.55 0.00	31.27 0.37 0.00
NEG CENTRAL___INDECK 23768	27.90 1.30 0.00	25.33 1.27 0.00	23.14 0.76 0.00	21.35 0.60 0.00	21.01 0.57 0.00	22.99 1.20 0.00	25.19 1.29 0.00	27.39 1.21 0.00	31.32 1.29 0.00	32.27 0.48 0.00	33.92 0.37 0.00	35.94 0.64 0.00	38.79 0.46 0.00	41.09 0.12 0.00	44.09 -0.04 0.00	52.70 -0.86 0.00	57.67 -1.40 -0.88	63.07 0.31 -1.00	59.41 0.29 -1.38	51.19 0.30 -0.92	43.25 0.97 -0.21	39.11 0.99 0.00	35.42 1.03 0.00	31.55 0.65 0.00
NEG CENTRAL___SENECA 23627	27.11 0.51 0.00	24.46 0.41 0.00	22.52 0.13 0.00	20.75 0.00 0.00	20.48 0.04 0.00	22.25 0.46 0.00	24.45 0.55 0.00	26.89 0.71 0.00	30.81 0.78 0.00	32.78 0.99 0.00	34.69 1.14 0.00	36.29 0.99 0.00	39.51 1.19 0.00	41.99 1.02 0.00	45.10 0.97 0.00	54.09 0.54 0.00	59.10 0.17 -0.74	63.81 1.24 -0.82	59.73 0.87 -1.13	51.31 0.60 -0.75	43.04 0.80 -0.18	38.92 0.80 0.00	35.15 0.76 0.00	31.46 0.56 0.00
NEG CENTRAL___STATE_STREET 24147	27.11 0.51 0.00	24.53 0.48 0.00	22.65 0.27 0.00	20.95 0.21 0.00	20.66 0.22 0.00	22.23 0.44 0.00	24.40 0.50 0.00	26.82 0.63 0.00	30.78 0.75 0.00	32.65 0.86 0.00	34.29 0.74 0.00	36.08 0.78 0.00	39.21 0.88 0.00	41.83 0.86 0.00	45.01 0.88 0.00	54.63 1.07 0.00	59.88 1.05 -0.65	64.01 1.54 -0.71	59.99 1.27 -0.98	51.66 1.05 -0.65	43.23 1.01 -0.15	39.11 0.99 0.00	35.22 0.83 0.00	31.49 0.59 0.00
NEG MILLWOOD___DRP 24198	28.54 1.94 0.00	25.69 1.64 0.00	23.93 1.54 0.00	22.24 1.49 0.00	21.81 1.37 0.00	23.08 1.29 0.00	25.36 1.46 0.00	27.89 1.70 0.00	32.13 2.10 0.00	34.40 2.61 0.00	36.50 2.95 0.00	38.66 3.35 0.00	42.35 4.02 0.00	45.48 4.51 0.00	49.07 4.94 0.00	60.14 6.27 -0.32	78.51 7.27 -13.05	79.27 8.03 -9.48	73.05 6.75 -8.56	61.26 5.60 -5.70	47.39 4.00 -1.33	41.62 3.51 0.00	37.24 2.85 0.00	33.13 2.23 0.00
NEG NORTH_FLCN_SEA 23793	26.20 -0.40 0.00	23.76 -0.29 0.00	22.18 -0.20 0.00	20.64 -0.10 0.00	20.31 -0.12 0.00	21.75 -0.04 0.00	24.04 0.14 0.00	26.48 0.29 0.00	30.27 0.24 0.00	31.73 -0.06 0.00	33.21 -0.34 0.00	35.13 -0.18 0.00	38.06 -0.27 0.00	40.68 -0.29 0.00	44.17 0.04 0.00	54.20 0.64 0.00	58.54 0.35 0.00	61.88 0.12 0.00	58.66 0.92 0.00	50.96 1.00 0.00	43.16 1.09 0.00	38.84 0.72 0.00	35.28 0.89 0.00	31.92 1.02 0.00
NEG NORTH_KES_CHATEGAY 23792	25.94 -0.67 0.00	23.52 -0.53 0.00	21.96 -0.43 0.00	20.44 -0.31 0.00	20.11 -0.33 0.00	21.53 -0.26 0.00	23.78 -0.12 0.00	26.16 -0.03 0.00	29.91 -0.12 0.00	31.32 -0.48 0.00	32.84 -0.70 0.00	34.67 -0.64 0.00	37.56 -0.77 0.00	40.15 -0.82 0.00	43.60 -0.53 0.00	53.50 -0.05 0.00	57.84 -0.35 0.00	61.14 -0.62 0.00	57.91 0.17 0.00	50.36 0.40 0.00	42.61 0.55 0.00	38.38 0.27 0.00	34.84 0.45 0.00	31.52 0.62 0.00

NEG NORTH___ALICE_FALLS 23915	26.15 -0.45 0.00	23.74 -0.31 0.00	22.16 -0.22 0.00	20.62 -0.12 0.00	20.29 -0.14 0.00	21.73 -0.07 0.00	24.02 0.12 0.00	26.45 0.26 0.00	30.24 0.21 0.00	31.67 -0.13 0.00	33.18 -0.37 0.00	35.06 -0.25 0.00	38.02 -0.31 0.00	40.64 -0.33 0.00	44.13 0.00 0.00	54.14 0.59 0.00	58.48 0.29 0.00	61.88 0.12 0.00	58.60 0.87 0.00	50.96 1.00 0.00	43.16 1.09 0.00	38.84 0.72 0.00	35.25 0.86 0.00	31.89 0.99 0.00
NEG NORTH___LWR_SARANAC 23913	26.15 -0.45 0.00	23.74 -0.31 0.00	22.16 -0.22 0.00	20.62 -0.12 0.00	20.29 -0.14 0.00	21.73 -0.07 0.00	24.02 0.12 0.00	26.45 0.26 0.00	30.24 0.21 0.00	31.67 -0.13 0.00	33.18 -0.37 0.00	35.06 -0.25 0.00	38.02 -0.31 0.00	40.64 -0.33 0.00	44.13 0.00 0.00	54.14 0.59 0.00	58.48 0.29 0.00	61.88 0.12 0.00	58.60 0.87 0.00	50.96 1.00 0.00	43.16 1.09 0.00	38.84 0.72 0.00	35.25 0.86 0.00	31.89 0.99 0.00
NEG NORTH___PLATTSBURG 23628	26.15 -0.45 0.00	23.74 -0.31 0.00	22.16 -0.22 0.00	20.54 -0.21 0.00	20.29 -0.14 0.00	21.73 -0.07 0.00	24.02 0.12 0.00	26.45 0.26 0.00	30.24 0.21 0.00	31.67 -0.13 0.00	33.18 -0.37 0.00	35.06 -0.25 0.00	38.02 -0.31 0.00	40.64 -0.33 0.00	44.13 0.00 0.00	54.04 0.48 0.00	58.48 0.29 0.00	61.82 0.06 0.00	58.60 0.87 0.00	50.96 1.00 0.00	43.16 1.09 0.00	38.84 0.72 0.00	35.25 0.86 0.00	31.70 0.80 0.00
NEG WEST_LEA_LOCKPORT 23791	26.81 0.21 0.00	24.36 0.31 0.00	22.25 -0.13 0.00	20.27 -0.48 0.00	20.09 -0.35 0.00	22.14 0.35 0.00	24.28 0.38 0.00	26.55 0.37 0.00	30.42 0.39 0.00	32.40 0.60 0.00	34.15 0.60 0.00	35.80 0.49 0.00	38.82 0.50 0.00	40.89 -0.08 0.00	43.78 -0.35 0.00	52.32 -1.23 0.00	55.99 -2.97 -0.77	61.50 -1.11 -0.86	57.30 -1.62 -1.18	49.15 -1.60 -0.79	41.49 -0.76 -0.18	37.58 -0.53 0.00	34.39 0.00 0.00	31.15 0.25 0.00
NEG WEST___LANCASTR 23811	26.92 0.32 0.00	24.39 0.34 0.00	22.29 -0.09 0.00	20.42 -0.33 0.00	20.17 -0.27 0.00	22.21 0.41 0.00	24.43 0.53 0.00	26.71 0.52 0.00	30.54 0.51 0.00	32.62 0.83 0.00	34.39 0.84 0.00	36.12 0.81 0.00	39.24 0.92 0.00	41.50 0.53 0.00	44.48 0.35 0.00	53.34 -0.21 0.00	55.94 -3.14 -0.90	63.09 0.31 -1.03	58.81 -0.35 -1.42	50.11 -0.80 -0.95	42.07 -0.21 -0.22	38.12 0.00 0.00	34.70 0.31 0.00	31.30 0.40 0.00
NEG_PENN_ALLEGHNY 23528	27.13 0.53 0.00	24.53 0.48 0.00	22.70 0.31 0.00	21.00 0.25 0.00	20.68 0.25 0.00	22.25 0.46 0.00	24.43 0.53 0.00	26.81 0.63 0.00	30.78 0.75 0.00	32.72 0.92 0.00	34.62 1.07 0.00	36.43 1.13 0.00	39.55 1.23 0.00	42.20 1.23 0.00	45.41 1.28 0.00	54.84 1.28 0.00	60.78 0.99 -1.60	65.65 1.85 -2.04	61.99 1.44 -2.82	52.89 1.05 -1.87	43.51 1.01 -0.44	39.11 0.99 0.00	35.21 0.82 0.00	31.58 0.68 0.00
NEG___GEN_MONROE 24207	27.08 0.48 0.00	24.63 0.58 0.00	22.52 0.13 0.00	20.62 -0.12 0.00	20.39 -0.04 0.00	22.29 0.50 0.00	24.50 0.60 0.00	26.84 0.65 0.00	30.75 0.72 0.00	32.75 0.95 0.00	34.66 1.11 0.00	36.43 1.13 0.00	39.47 1.15 0.00	41.79 0.82 0.00	44.84 0.71 0.00	53.45 -0.11 0.00	57.72 -1.11 -0.64	62.38 -0.06 -0.68	58.33 -0.35 -0.94	50.19 -0.40 -0.63	42.38 0.17 -0.15	38.50 0.38 0.00	34.94 0.55 0.00	31.46 0.56 0.00
NEPA___ENERGY 23901	27.19 0.59 0.00	24.61 0.55 0.00	22.52 0.13 0.00	20.64 -0.10 0.00	20.39 -0.04 0.00	22.45 0.65 0.00	24.71 0.81 0.00	27.10 0.92 0.00	31.02 0.99 0.00	33.13 1.34 0.00	34.89 1.34 0.00	36.65 1.34 0.00	39.78 1.46 0.00	42.08 1.11 0.00	45.06 0.93 0.00	54.14 0.59 0.00	57.93 -1.16 -0.91	63.97 1.17 -1.04	59.69 0.52 -1.43	50.77 -0.15 -0.95	42.62 0.34 -0.22	38.65 0.53 0.00	35.11 0.72 0.00	31.55 0.65 0.00
NEVERSINK___HYD 23608	28.31 1.70 0.00	25.45 1.39 0.00	23.66 1.28 0.00	21.99 1.24 0.00	21.56 1.12 0.00	22.84 1.05 0.00	25.17 1.27 0.00	27.50 1.31 0.00	31.56 1.53 0.00	33.77 1.97 0.00	35.80 2.25 0.00	37.74 2.43 0.00	41.28 2.95 0.00	44.29 3.32 0.00	47.66 3.53 0.00	58.50 4.76 -0.18	68.20 5.24 -4.77	73.22 5.93 -5.53	70.35 4.97 -7.65	59.15 4.10 -5.09	46.28 3.03 -1.19	40.94 2.82 0.00	36.69 2.30 0.00	33.01 2.10 0.00
NEWKRMKL_115KV_TB1 55635	27.40 0.80 0.00	24.73 0.67 0.00	23.12 0.74 0.00	21.41 0.66 0.00	21.09 0.65 0.00	22.36 0.57 0.00	24.35 0.45 0.00	26.66 0.47 0.00	30.60 0.57 0.00	32.59 0.79 0.00	34.59 1.04 0.00	36.43 1.13 0.00	39.44 1.11 0.00	42.28 1.31 0.00	45.54 1.41 0.00	54.89 1.71 0.38	67.03 2.04 -6.81	76.63 2.22 -12.65	77.13 1.91 -17.49	63.25 1.65 -11.64	46.04 1.26 -2.71	39.38 1.26 0.00	35.49 1.10 0.00	31.74 0.83 0.00
NEWTON___FALLS_HYD 23847	26.50 -0.11 0.00	23.98 -0.07 0.00	22.29 -0.09 0.00	20.64 -0.10 0.00	20.31 -0.12 0.00	21.71 -0.09 0.00	23.88 -0.02 0.00	26.06 -0.13 0.00	29.79 -0.24 0.00	31.29 -0.51 0.00	32.81 -0.74 0.00	34.53 -0.78 0.00	37.40 -0.92 0.00	39.78 -1.19 0.00	42.85 -1.28 0.00	52.06 -1.50 0.00	56.47 -1.86 -0.14	59.72 -2.04 0.00	56.23 -1.50 0.00	48.91 -1.05 0.00	41.39 -0.67 0.00	37.55 -0.57 0.00	34.29 -0.10 0.00	30.90 0.00 0.00
NGRID_A1_DSASP 323792	26.23 -0.37 0.00	23.86 -0.19 0.00	21.78 -0.60 0.00	19.98 -0.77 0.00	19.64 -0.80 0.00	21.66 -0.13 0.00	23.83 -0.07 0.00	26.03 -0.16 0.00	30.00 -0.03 0.00	31.73 -0.06 0.00	33.55 0.00 0.00	35.20 -0.11 0.00	37.90 -0.42 0.00	39.95 -1.02 0.00	42.81 -1.32 0.00	50.99 -2.57 0.00	54.67 -4.31 -0.78	60.22 -2.41 -0.87	56.12 -2.83 -1.21	48.07 -2.70 -0.80	40.61 -1.64 -0.19	36.71 -1.41 0.00	33.60 -0.79 0.00	30.22 -0.68 0.00
NGRID_A2_DSASP 323793	26.23 -0.37 0.00	23.86 -0.19 0.00	21.78 -0.60 0.00	19.98 -0.77 0.00	19.64 -0.80 0.00	21.66 -0.13 0.00	23.83 -0.07 0.00	26.03 -0.16 0.00	30.00 -0.03 0.00	31.73 -0.06 0.00	33.55 0.00 0.00	35.20 -0.11 0.00	37.90 -0.42 0.00	39.95 -1.02 0.00	42.81 -1.32 0.00	50.99 -2.57 0.00	54.67 -4.31 -0.78	60.22 -2.41 -0.87	56.12 -2.83 -1.21	48.07 -2.70 -0.80	40.61 -1.64 -0.19	36.71 -1.41 0.00	33.60 -0.79 0.00	30.22 -0.68 0.00
NGRID_A4_DSASP 323807	26.23 -0.37 0.00	23.86 -0.19 0.00	21.78 -0.60 0.00	19.83 -0.91 0.00	19.62 -0.82 0.00	21.66 -0.13 0.00	23.92 0.02 0.00	26.03 -0.16 0.00	29.82 -0.21 0.00	31.73 -0.06 0.00	33.41 -0.13 0.00	34.95 -0.35 0.00	37.90 -0.42 0.00	39.86 -1.11 0.00	42.72 -1.41 0.00	51.09 -2.46 0.00	54.78 -4.19 -0.78	60.10 -2.53 -0.87	56.06 -2.89 -1.21	48.02 -2.75 -0.80	40.53 -1.72 -0.19	36.71 -1.41 0.00	33.63 -0.76 0.00	30.44 -0.46 0.00
NIAGARA_115E_LBMP 323715	26.39 -0.21 0.00	24.03 -0.02 0.00	21.93 -0.45 0.00	20.17 -0.58 0.00	19.84 -0.59 0.00	21.81 0.02 0.00	23.97 0.07 0.00	26.08 -0.10 0.00	30.03 0.00 0.00	31.80 0.00 0.00	33.65 0.10 0.00	35.34 0.04 0.00	38.06 -0.27 0.00	40.15 -0.82 0.00	42.98 -1.15 0.00	51.25 -2.30 0.00	54.90 -4.07 -0.79	60.47 -2.16 -0.88	56.29 -2.65 -1.21	48.27 -2.50 -0.81	40.78 -1.47 -0.19	36.86 -1.26 0.00	33.74 -0.65 0.00	30.35 -0.56 0.00

NIAGARA_115W_LBMP 323714	26.12 -0.48 0.00	23.76 -0.29 0.00	21.69 -0.69 0.00	19.88 -0.87 0.00	19.56 -0.88 0.00	21.57 -0.22 0.00	23.71 -0.19 0.00	25.90 -0.29 0.00	29.85 -0.18 0.00	31.57 -0.22 0.00	33.41 -0.13 0.00	35.06 -0.25 0.00	37.71 -0.61 0.00	39.78 -1.19 0.00	42.63 -1.50 0.00	50.77 -2.79 0.00	54.49 -4.48 -0.78	59.98 -2.65 -0.87	55.88 -3.06 -1.21	47.87 -2.90 -0.80	40.44 -1.81 -0.19	36.55 -1.56 0.00	33.46 -0.93 0.00	30.07 -0.83 0.00
NIAGARA_230_LBMP 323716	26.47 -0.13 0.00	24.08 0.02 0.00	21.98 -0.40 0.00	20.17 -0.58 0.00	19.84 -0.59 0.00	21.86 0.07 0.00	24.04 0.14 0.00	26.27 0.08 0.00	30.24 0.21 0.00	31.99 0.19 0.00	33.85 0.30 0.00	35.55 0.25 0.00	38.32 0.00 0.00	40.40 -0.57 0.00	43.29 -0.84 0.00	51.63 -1.93 0.00	55.35 -3.61 -0.77	60.89 -1.73 -0.86	56.79 -2.14 -1.19	48.66 -2.10 -0.79	41.07 -1.18 -0.18	37.13 -0.99 0.00	33.98 -0.41 0.00	30.50 -0.40 0.00
NIAGARA__115KV_198_GIBSON 55903	26.12 -0.48 0.00	23.74 -0.31 0.00	21.69 -0.69 0.00	19.73 -1.02 0.00	19.54 -0.90 0.00	21.57 -0.22 0.00	23.83 -0.07 0.00	25.90 -0.29 0.00	29.67 -0.36 0.00	31.57 -0.22 0.00	33.25 -0.30 0.00	34.78 -0.53 0.00	37.75 -0.57 0.00	39.70 -1.27 0.00	42.50 -1.63 0.00	50.88 -2.68 0.00	54.55 -4.42 -0.78	59.85 -2.78 -0.87	55.82 -3.12 -1.21	47.82 -2.95 -0.80	40.36 -1.89 -0.19	36.55 -1.56 0.00	33.46 -0.93 0.00	30.32 -0.59 0.00
NIAGARA____ 23760	26.23 -0.37 0.00	23.86 -0.19 0.00	21.78 -0.60 0.00	19.98 -0.77 0.00	19.66 -0.78 0.00	21.66 -0.13 0.00	23.83 -0.07 0.00	26.06 -0.13 0.00	30.00 -0.03 0.00	31.76 -0.03 0.00	33.62 0.07 0.00	35.30 0.00 0.00	38.02 -0.31 0.00	40.15 -0.82 0.00	43.03 -1.10 0.00	51.31 -2.25 0.00	55.01 -3.96 -0.78	60.52 -2.10 -0.87	56.39 -2.54 -1.20	48.31 -2.45 -0.80	40.78 -1.47 -0.19	36.86 -1.26 0.00	33.67 -0.72 0.00	30.19 -0.71 0.00
NINE_MILE_1 23575	25.88 -0.72 0.00	23.43 -0.63 0.00	21.73 -0.65 0.00	20.14 -0.60 0.00	19.84 -0.59 0.00	21.25 -0.54 0.00	23.30 -0.60 0.00	25.51 -0.68 0.00	29.28 -0.75 0.00	30.97 -0.83 0.00	32.71 -0.84 0.00	34.39 -0.92 0.00	37.29 -1.03 0.00	39.82 -1.15 0.00	42.90 -1.24 0.00	51.84 -1.72 0.00	56.53 -1.98 -0.33	59.91 -1.85 0.00	55.88 -1.85 0.00	48.32 -1.65 0.00	40.80 -1.26 0.00	37.05 -1.07 0.00	33.46 -0.93 0.00	30.01 -0.90 0.00
NINE_MILE_2 23744	25.88 -0.72 0.00	23.43 -0.63 0.00	21.73 -0.65 0.00	20.14 -0.60 0.00	19.84 -0.59 0.00	21.25 -0.54 0.00	23.30 -0.60 0.00	25.51 -0.68 0.00	29.28 -0.75 0.00	30.97 -0.83 0.00	32.71 -0.84 0.00	34.39 -0.92 0.00	37.29 -1.03 0.00	39.82 -1.15 0.00	42.90 -1.24 0.00	51.84 -1.72 0.00	56.53 -1.98 -0.32	59.91 -1.85 0.00	55.88 -1.85 0.00	48.32 -1.65 0.00	40.80 -1.26 0.00	37.05 -1.07 0.00	33.46 -0.93 0.00	30.01 -0.90 0.00
NM_CAPITAL____DRP 24208	27.45 0.85 0.00	24.77 0.72 0.00	23.17 0.78 0.00	21.47 0.73 0.00	21.15 0.72 0.00	22.40 0.61 0.00	24.50 0.60 0.00	26.82 0.63 0.00	30.78 0.75 0.00	32.78 0.99 0.00	34.72 1.17 0.00	36.58 1.27 0.00	39.63 1.30 0.00	42.48 1.52 0.00	45.76 1.63 0.00	55.15 2.04 0.45	67.39 2.39 -6.81	78.37 2.66 -13.96	79.28 2.25 -19.30	64.76 1.95 -12.84	46.57 1.51 -2.99	39.45 1.33 0.00	35.52 1.13 0.00	31.77 0.87 0.00
NM_CENTRAL____DRP 24181	26.47 -0.13 0.00	23.96 -0.10 0.00	22.18 -0.20 0.00	20.52 -0.23 0.00	20.23 -0.20 0.00	21.71 -0.09 0.00	23.80 -0.10 0.00	26.11 -0.08 0.00	29.94 -0.09 0.00	31.73 -0.06 0.00	33.55 0.00 0.00	35.27 -0.04 0.00	38.32 0.00 0.00	40.89 -0.08 0.00	44.04 -0.09 0.00	53.18 -0.37 0.00	58.12 -0.52 -0.46	61.51 -0.25 0.00	57.27 -0.46 0.00	49.51 -0.45 0.00	41.81 -0.25 0.00	37.96 -0.15 0.00	34.22 -0.17 0.00	30.66 -0.25 0.00
NM_FRONTIER____DRP 24179	26.12 -0.48 0.00	23.74 -0.31 0.00	21.69 -0.69 0.00	19.73 -1.02 0.00	19.54 -0.90 0.00	21.57 -0.22 0.00	23.83 -0.07 0.00	25.90 -0.29 0.00	29.67 -0.36 0.00	31.57 -0.22 0.00	33.25 -0.30 0.00	34.78 -0.53 0.00	37.75 -0.57 0.00	39.70 -1.27 0.00	42.50 -1.63 0.00	50.88 -2.68 0.00	54.55 -4.42 -0.78	59.85 -2.78 -0.87	55.82 -3.12 -1.21	47.82 -2.95 -0.80	40.36 -1.89 -0.19	36.55 -1.56 0.00	33.46 -0.93 0.00	30.32 -0.59 0.00
NM_ST_REGIS____HYD 24053	26.23 -0.37 0.00	23.76 -0.29 0.00	22.16 -0.22 0.00	20.56 -0.19 0.00	20.23 -0.20 0.00	21.60 -0.20 0.00	23.78 -0.12 0.00	26.06 -0.13 0.00	29.70 -0.33 0.00	31.03 -0.76 0.00	32.47 -1.07 0.00	34.17 -1.13 0.00	37.02 -1.30 0.00	39.37 -1.60 0.00	42.59 -1.54 0.00	51.95 -1.61 0.00	56.15 -2.04 0.00	59.23 -2.53 0.00	55.94 -1.79 0.00	48.66 -1.30 0.00	41.14 -0.93 0.00	37.28 -0.84 0.00	34.22 -0.17 0.00	30.93 0.03 0.00
NORTHPORT____1 23551	35.75 2.66 -6.49	33.49 2.33 -7.11	29.34 2.19 -4.76	22.90 2.16 0.00	22.40 1.96 0.00	23.73 1.94 0.00	25.74 1.84 0.00	30.57 2.49 -1.90	32.89 2.73 -0.13	36.39 3.15 -1.44	36.50 2.78 -0.17	36.53 3.00 1.77	36.52 3.37 5.18	36.52 3.77 8.22	36.70 3.97 11.40	38.84 5.35 20.07	48.22 6.16 16.13	53.44 6.85 15.17	52.82 5.72 10.63	53.46 4.65 1.15	40.58 3.32 4.80	36.28 3.09 4.92	35.96 2.92 1.35	35.44 2.87 -1.66
NORTHPORT____2 23552	35.75 2.66 -6.49	33.49 2.33 -7.11	29.34 2.19 -4.76	22.90 2.16 0.00	22.40 1.96 0.00	23.73 1.94 0.00	25.74 1.84 0.00	30.57 2.49 -1.90	32.89 2.73 -0.13	36.39 3.15 -1.44	36.50 2.78 -0.17	36.53 3.00 1.77	36.52 3.37 5.18	36.52 3.77 8.22	36.70 3.97 11.40	36.70 5.35 22.21	39.42 6.16 24.93	53.44 6.85 15.17	52.82 5.72 26.75	53.46 4.65 17.91	40.58 3.32 8.69	36.28 3.09 4.92	35.96 2.92 1.35	35.44 2.87 -1.66
NORTHPORT____3 23553	35.13 2.05 -6.48	32.92 1.75 -7.11	28.78 1.63 -4.76	22.32 1.58 0.00	21.84 1.41 0.00	23.12 1.33 0.00	25.13 1.24 0.01	29.93 1.86 -1.89	32.22 2.07 -0.12	35.90 2.67 -1.44	36.53 2.75 -0.23	36.35 2.83 1.78	36.51 3.37 5.19	36.51 3.77 8.22	36.69 3.97 11.41	36.85 5.52 22.22	39.41 6.16 24.94	53.43 6.85 15.18	36.75 5.77 26.76	36.79 4.75 17.92	36.74 3.37 8.69	36.35 3.16 4.93	36.39 2.75 0.75	35.32 2.47 -1.94
NORTHPORT____4 23650	35.13 2.05 -6.48	32.92 1.75 -7.11	28.78 1.63 -4.76	22.32 1.58 0.00	21.84 1.41 0.00	23.12 1.33 0.00	25.13 1.24 0.01	29.93 1.86 -1.89	32.22 2.07 -0.12	35.90 2.67 -1.44	36.53 2.75 -0.23	36.35 2.83 1.78	36.51 3.37 5.19	36.51 3.77 8.22	36.69 3.97 11.41	36.85 5.52 22.22	39.41 6.16 24.94	53.43 6.85 15.18	36.75 5.77 26.76	36.79 4.75 17.92	36.74 3.37 8.69	36.35 3.16 4.93	36.39 2.75 0.75	35.32 2.47 -1.94
NORTHPORT____IC 23718	35.75 2.66 -6.49	33.49 2.33 -7.11	29.34 2.19 -4.76	22.90 2.16 0.00	22.40 1.96 0.00	23.73 1.94 0.00	25.74 1.84 0.00	30.57 2.49 -1.90	32.89 2.73 -0.13	36.39 3.15 -1.44	36.50 2.78 -0.17	36.53 3.00 1.77	36.52 3.37 5.18	36.52 3.77 8.22	36.70 3.97 11.40	36.70 5.35 22.21	39.42 6.16 24.93	53.44 6.85 15.17	36.70 5.72 26.75	36.70 4.65 17.91	36.70 3.32 8.69	36.28 3.09 4.92	35.96 2.92 1.35	35.44 2.87 -1.66

NORTH__COUNTRY_ESR 323785	25.86 -0.74 0.00	23.47 -0.58 0.00	21.91 -0.47 0.00	20.33 -0.41 0.00	20.07 -0.37 0.00	21.49 -0.31 0.00	23.71 -0.19 0.00	26.11 -0.08 0.00	29.85 -0.18 0.00	31.29 -0.51 0.00	32.78 -0.77 0.00	34.63 -0.67 0.00	37.52 -0.81 0.00	40.11 -0.86 0.00	43.51 -0.62 0.00	53.24 -0.32 0.00	57.72 -0.47 0.00	60.95 -0.80 0.00	57.79 0.06 0.00	50.21 0.25 0.00	42.44 0.38 0.00	38.27 0.15 0.00	34.73 0.34 0.00	31.24 0.34 0.00
NPX_GEN_1385_PROXY 323591	30.41 1.76 -2.05	30.10 1.54 -4.51	28.60 1.45 -4.76	22.70 1.95 0.00	22.13 1.70 0.00	23.43 1.64 0.00	25.38 1.48 0.00	30.10 2.02 -1.90	32.20 2.04 -0.13	35.63 2.39 -1.44	36.00 2.28 -0.17	36.32 2.79 1.77	36.29 3.14 5.18	36.23 3.48 8.22	36.92 4.19 11.40	39.90 6.80 20.46	47.90 7.45 17.74	54.80 8.21 15.17	51.20 7.04 13.58	51.50 5.74 4.21	40.80 4.25 5.51	36.29 2.98 4.80	35.50 2.58 1.47	34.76 2.19 -1.66
NPX_GEN_CSC 323557	36.00 2.90 -6.50	33.62 2.45 -7.11	29.45 2.31 -4.76	22.90 2.16 0.00	22.40 1.96 0.00	23.75 1.96 0.00	25.81 1.91 0.00	30.73 2.64 -1.90	33.01 2.85 -0.13	36.84 3.59 -1.45	39.91 3.55 -2.81	42.57 3.78 -3.49	57.50 4.37 -14.81	115.05 4.83 -69.25	125.85 5.16 -76.56	215.64 6.86 -155.23	249.65 7.45 -184.02	264.74 8.15 -194.83	223.33 7.10 -158.50	226.63 5.94 -170.73	109.25 4.37 -62.81	98.11 4.04 -55.96	45.85 3.64 -7.82	40.25 3.34 -6.01
NSINS_S_GLNS_FALLS 23858	28.28 1.68 0.00	25.50 1.44 0.00	23.84 1.45 0.00	21.99 1.24 0.00	21.70 1.27 0.00	23.03 1.24 0.00	25.24 1.34 0.00	27.68 1.49 0.00	31.71 1.68 0.00	33.80 2.00 0.00	35.83 2.28 0.00	37.74 2.44 0.00	41.05 2.72 0.00	43.88 2.91 0.00	47.31 3.18 0.00	56.87 3.75 0.44	69.66 4.36 -7.11	86.87 4.82 -20.29	90.76 4.97 -28.06	72.73 4.10 -18.67	50.20 3.79 -4.35	41.24 3.13 0.00	36.87 2.48 0.00	32.91 2.01 0.00
NUCOR_STEEL__DRP 24197	26.97 0.37 0.00	24.41 0.36 0.00	22.54 0.16 0.00	20.87 0.12 0.00	20.58 0.14 0.00	22.12 0.33 0.00	24.26 0.36 0.00	26.63 0.45 0.00	30.54 0.51 0.00	32.40 0.60 0.00	34.22 0.67 0.00	36.01 0.71 0.00	39.13 0.80 0.00	41.71 0.74 0.00	44.92 0.79 0.00	54.14 0.59 0.00	59.33 0.52 -0.62	63.48 1.05 -0.67	59.47 0.81 -0.93	51.23 0.65 -0.62	42.88 0.67 -0.14	38.84 0.72 0.00	34.97 0.58 0.00	31.30 0.40 0.00
NUMBER_THREE_WT_PWR 323818	26.76 0.16 0.00	24.20 0.15 0.00	22.47 0.09 0.00	20.79 0.04 0.00	20.48 0.04 0.00	21.88 0.09 0.00	24.04 0.14 0.00	26.21 0.03 0.00	30.09 0.06 0.00	31.80 0.00 0.00	33.48 -0.07 0.00	35.27 -0.04 0.00	38.21 -0.11 0.00	40.68 -0.28 0.00	43.78 -0.35 0.00	53.07 -0.48 0.00	57.57 -0.81 -0.20	61.08 -0.68 0.00	57.39 -0.34 0.00	49.91 -0.05 0.00	42.23 0.17 0.00	38.31 0.19 0.00	34.70 0.31 0.00	31.12 0.22 0.00
NYISO_LBMP_REFERENCE 24008	26.60 0.00 0.00	24.05 0.00 0.00	22.38 0.00 0.00	20.75 0.00 0.00	20.44 0.00 0.00	21.79 0.00 0.00	23.90 0.00 0.00	26.19 0.00 0.00	30.03 0.00 0.00	31.80 0.00 0.00	33.55 0.00 0.00	35.30 0.00 0.00	38.32 0.00 0.00	40.97 0.00 0.00	44.13 0.00 0.00	53.56 0.00 0.00	58.19 0.00 0.00	61.76 0.00 0.00	57.73 0.00 0.00	49.96 0.00 0.00	42.06 0.00 0.00	38.12 0.00 0.00	34.39 0.00 0.00	30.90 0.00 0.00
NYPA_BRENTWD__GT 24164	36.23 3.14 -6.49	33.88 2.72 -7.11	29.65 2.51 -4.76	23.15 2.41 0.00	22.64 2.21 0.00	24.02 2.22 0.00	26.10 2.20 0.00	31.02 2.93 -1.90	33.40 3.24 -0.13	37.09 3.85 -1.44	40.57 3.66 -3.37	41.78 3.88 -2.59	57.30 4.18 -14.80	75.97 4.59 -30.42	71.09 4.90 -22.07	88.10 6.53 -28.02	100.10 7.33 -34.59	123.15 8.15 -53.24	90.73 6.93 -26.07	89.76 5.64 -34.15	60.05 4.17 -13.82	53.62 3.85 -11.65	63.28 3.75 -25.14	48.56 3.58 -14.07
NYPA_GOWANUS__GT5 24156	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.09 4.47 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.47 7.66 -73.05	78.51 6.35 -14.42	78.29 4.90 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NYPA_GOWANUS__GT6 24157	29.03 2.42 -0.01	26.00 1.95 0.00	24.13 1.75 0.00	22.47 1.72 0.00	22.03 1.60 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.34 2.15 0.00	32.49 2.46 0.00	35.01 3.21 -0.01	36.94 3.39 -0.01	38.88 3.56 -0.01	42.52 4.14 -0.06	80.09 4.47 -34.66	58.52 4.63 -9.76	82.91 6.16 -23.20	94.36 6.86 -29.31	142.47 7.66 -73.05	78.51 6.35 -14.42	78.29 4.90 -23.43	46.91 3.49 -1.36	41.72 3.55 -0.06	43.90 3.27 -6.24	35.63 3.03 -1.69
NYPA_HARLEM_RVR_GT1 24160	28.95 2.34 -0.01	25.98 1.92 -0.01	24.16 1.77 -0.01	22.54 1.78 -0.01	22.12 1.68 -0.01	23.23 1.44 0.00	25.43 1.53 0.00	28.40 2.20 -0.01	32.28 2.25 0.00	34.76 2.96 -0.01	36.51 2.95 -0.01	38.45 3.14 -0.01	42.28 3.95 -0.01	45.32 4.34 -0.01	48.59 4.46 -0.01	59.77 5.84 -0.38	77.76 6.57 -13.00	78.36 7.22 -9.38	72.09 5.95 -8.41	60.20 4.65 -5.59	46.48 3.11 -1.30	41.36 3.24 0.00	37.32 2.92 -0.01	33.72 2.81 -0.01
NYPA_HARLEM_RVR_GT2 24161	28.95 2.34 -0.01	25.98 1.92 -0.01	24.16 1.77 -0.01	22.54 1.78 -0.01	22.12 1.68 -0.01	23.23 1.44 0.00	25.43 1.53 0.00	28.40 2.20 -0.01	32.28 2.25 0.00	34.76 2.96 -0.01	36.51 2.95 -0.01	38.45 3.14 -0.01	42.28 3.95 -0.01	45.32 4.34 -0.01	48.59 4.46 -0.01	59.77 5.84 -0.38	77.76 6.57 -13.00	78.36 7.22 -9.38	72.09 5.95 -8.41	60.20 4.65 -5.59	46.48 3.11 -1.30	41.36 3.24 0.00	37.32 2.92 -0.01	33.72 2.81 -0.01
NYPA_KENT__GT 24152	28.97 2.37 0.00	25.95 1.90 0.00	24.11 1.72 0.00	22.45 1.70 0.00	22.01 1.57 0.00	23.12 1.33 0.00	25.45 1.55 0.00	28.31 2.12 0.00	32.43 2.40 0.00	34.92 3.12 -0.01	36.85 3.29 -0.01	38.74 3.42 -0.01	42.34 3.99 -0.03	65.15 4.34 -19.84	54.22 4.50 -5.59	72.99 6.00 -13.44	87.21 6.69 -22.33	114.72 7.47 -45.50	73.83 6.12 -9.98	65.36 4.75 -10.65	46.76 3.37 -1.33	41.58 3.43 -0.03	41.13 3.16 -3.58	34.81 2.94 -0.97
NYPA_POUCH1__GT 24155	28.98 2.37 -0.01	25.93 1.88 0.00	24.07 1.68 0.00	22.41 1.66 0.00	21.95 1.51 0.00	23.06 1.26 0.00	25.39 1.48 0.00	28.26 2.07 0.00	32.44 2.40 0.00	34.96 3.15 -0.02	36.84 3.29 0.00	38.00 3.46 0.76	44.60 3.99 -2.29	99.67 4.34 -54.36	67.67 4.50 -19.03	100.20 6.00 -40.64	109.61 6.75 -44.68	179.20 7.53 -109.91	89.11 6.24 -25.14	96.05 4.80 -41.29	48.78 3.37 -3.35	41.63 3.43 -0.09	40.91 3.16 -3.36	35.92 2.94 -2.08
NYPA_VERNON__GT2 24162	28.89 2.29 0.00	25.93 1.88 0.00	24.08 1.70 0.00	22.43 1.68 0.00	22.01 1.57 0.00	23.14 1.35 0.00	25.45 1.55 0.00	28.28 2.10 0.00	32.40 2.37 0.00	34.86 3.05 -0.01	36.75 3.19 -0.01	38.63 3.32 -0.01	42.20 3.87 -0.01	50.26 4.26 -5.03	49.96 4.41 -1.41	63.07 5.84 -3.68	80.06 6.52 -15.36	86.98 7.28 -17.94	71.25 6.00 -7.51	57.30 4.65 -2.69	46.66 3.28 -1.31	41.44 3.31 -0.01	38.33 3.03 -0.91	34.03 2.87 -0.25

NYPY_VERNON____GT3 24163	28.89 2.29 0.00	25.93 1.88 0.00	24.08 1.70 0.00	22.43 1.68 0.00	22.01 1.57 0.00	23.14 1.35 0.00	25.45 1.55 0.00	28.28 2.10 0.00	32.40 2.37 0.00	34.86 3.05 -0.01	36.75 3.19 -0.01	38.63 3.32 -0.01	42.20 3.87 -0.01	50.26 4.26 -5.03	49.96 4.41 -1.41	63.07 5.84 -3.68	80.06 6.52 -15.36	86.98 7.28 -17.94	71.25 6.00 -7.51	57.30 4.65 -2.69	46.66 3.28 -1.31	41.44 3.31 -0.01	38.33 3.03 -0.91	34.03 2.87 -0.25
NYPY____ASTORIA_CC1 323568	28.86 2.26 0.00	25.90 1.85 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.12 1.33 0.00	25.41 1.51 0.00	28.26 2.07 0.00	32.31 2.28 0.00	34.79 2.99 -0.01	36.68 3.12 -0.01	38.56 3.25 -0.01	42.12 3.79 0.00	45.15 4.18 0.00	48.41 4.28 0.00	59.66 5.73 -0.37	77.58 6.40 -12.99	77.34 7.16 -8.43	69.87 5.83 -6.31	53.25 4.50 1.21	46.52 3.16 -1.30	41.36 3.24 0.00	37.39 2.99 -0.01	33.75 2.84 -0.01
NYPY____ASTORIA_CC2 323569	28.86 2.26 0.00	25.90 1.85 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.12 1.33 0.00	25.41 1.51 0.00	28.26 2.07 0.00	32.31 2.28 0.00	34.79 2.99 -0.01	36.68 3.12 -0.01	38.56 3.25 -0.01	42.12 3.79 0.00	45.15 4.18 0.00	48.41 4.28 0.00	59.66 5.73 -0.37	77.58 6.40 -12.99	77.34 7.16 -8.43	69.87 5.83 -6.31	53.25 4.50 1.21	46.52 3.16 -1.30	41.36 3.24 0.00	37.39 2.99 -0.01	33.75 2.84 -0.01
NYPY____HOLTSVILL 23794	36.05 2.95 -6.50	33.71 2.55 -7.11	29.52 2.37 -4.76	23.01 2.26 0.00	22.48 2.04 0.00	23.84 2.05 0.00	25.93 2.03 0.00	30.81 2.72 -1.90	33.07 2.91 -0.13	36.84 3.59 -1.45	39.75 3.42 -2.78	43.31 3.56 -4.44	57.19 4.06 -14.81	113.90 4.47 -68.46	122.56 4.72 -73.71	206.68 6.32 -146.80	237.22 7.04 -172.00	252.98 7.78 -183.44	212.28 6.69 -147.85	220.74 5.50 -165.28	116.73 4.04 -70.62	96.83 3.77 -54.94	45.76 3.51 -7.86	40.15 3.27 -5.97
NYPY____HELLGATE_GT1 24158	28.95 2.34 -0.01	25.98 1.92 -0.01	24.16 1.77 -0.01	22.54 1.78 -0.01	22.12 1.68 -0.01	23.23 1.44 0.00	25.43 1.53 0.00	28.40 2.20 -0.01	32.28 2.25 0.00	34.76 2.96 -0.01	36.51 2.95 -0.01	38.45 3.14 -0.01	42.28 3.95 -0.01	45.32 4.34 -0.01	48.59 4.46 -0.01	59.77 5.84 -0.38	77.76 6.57 -13.00	78.36 7.22 -9.38	72.09 5.95 -8.41	60.20 4.65 -5.59	46.48 3.11 -1.30	41.36 3.24 0.00	37.32 2.92 -0.01	33.72 2.81 -0.01
NYPY____HELLGATE_GT2 24159	28.95 2.34 -0.01	25.98 1.92 -0.01	24.16 1.77 -0.01	22.54 1.78 -0.01	22.12 1.68 -0.01	23.23 1.44 0.00	25.43 1.53 0.00	28.40 2.20 -0.01	32.28 2.25 0.00	34.76 2.96 -0.01	36.51 2.95 -0.01	38.45 3.14 -0.01	42.28 3.95 -0.01	45.32 4.34 -0.01	48.59 4.46 -0.01	59.77 5.84 -0.38	77.76 6.57 -13.00	78.36 7.22 -9.38	72.09 5.95 -8.41	60.20 4.65 -5.59	46.48 3.11 -1.30	41.36 3.24 0.00	37.32 2.92 -0.01	33.72 2.81 -0.01
NYS_BARGE____HYD 23848	26.81 0.21 0.00	24.41 0.36 0.00	22.27 -0.11 0.00	20.48 -0.27 0.00	20.13 -0.31 0.00	22.16 0.37 0.00	24.35 0.45 0.00	26.55 0.37 0.00	30.60 0.57 0.00	32.40 0.60 0.00	34.32 0.77 0.00	36.05 0.74 0.00	38.82 0.50 0.00	40.97 0.00 0.00	43.87 -0.26 0.00	52.27 -1.29 0.00	55.92 -3.03 -0.76	61.62 -0.99 -0.85	57.35 -1.56 -1.17	49.19 -1.55 -0.78	41.62 -0.63 -0.18	37.62 -0.50 0.00	34.39 0.00 0.00	30.87 -0.03 0.00
OAK ORCHARD____HYD 24046	26.95 0.34 0.00	24.46 0.41 0.00	22.43 0.04 0.00	20.64 -0.10 0.00	20.33 -0.10 0.00	22.16 0.37 0.00	24.33 0.43 0.00	26.71 0.52 0.00	30.78 0.75 0.00	32.62 0.83 0.00	34.45 0.91 0.00	36.26 0.95 0.00	39.17 0.84 0.00	41.54 0.57 0.00	44.62 0.49 0.00	53.29 -0.27 0.00	57.83 -0.99 -0.63	62.55 0.12 -0.67	58.43 -0.23 -0.93	50.23 -0.35 -0.62	42.46 0.25 -0.14	38.39 0.27 0.00	34.80 0.41 0.00	31.06 0.16 0.00
OAKDALE____35_KV_LOAD 356122	27.03 0.43 0.00	24.41 0.36 0.00	22.61 0.22 0.00	20.89 0.15 0.00	20.60 0.16 0.00	22.16 0.37 0.00	24.33 0.43 0.00	26.68 0.50 0.00	30.60 0.57 0.00	32.56 0.76 0.00	34.39 0.84 0.00	36.19 0.88 0.00	39.32 1.00 0.00	41.95 0.98 0.00	45.10 0.97 0.00	54.47 0.91 0.00	60.36 0.58 -1.59	65.24 1.42 -2.06	61.62 1.04 -2.85	52.61 0.75 -1.90	43.22 0.72 -0.44	38.84 0.72 0.00	35.04 0.65 0.00	31.37 0.46 0.00
OCC_CHEM____DRP 24175	26.23 -0.37 0.00	23.86 -0.19 0.00	21.78 -0.60 0.00	19.83 -0.91 0.00	19.62 -0.82 0.00	21.66 -0.13 0.00	23.92 0.02 0.00	26.03 -0.16 0.00	29.82 -0.21 0.00	31.73 -0.06 0.00	33.41 -0.13 0.00	34.95 -0.35 0.00	37.90 -0.42 0.00	39.86 -1.11 0.00	42.72 -1.41 0.00	51.09 -2.46 0.00	54.78 -4.19 -0.78	60.10 -2.53 -0.87	56.06 -2.89 -1.21	48.02 -2.75 -0.80	40.53 -1.72 -0.19	36.71 -1.41 0.00	33.63 -0.76 0.00	30.44 -0.46 0.00
OH_GEN_PROXY 24063	26.47 -0.13 0.00	24.05 0.00 0.00	21.98 -0.40 0.00	20.17 -0.58 0.00	19.84 -0.59 0.00	21.86 0.07 0.00	24.04 0.14 0.00	26.27 0.08 0.00	30.24 0.21 0.00	32.02 0.22 0.00	33.88 0.34 0.00	35.59 0.28 0.00	38.36 0.04 0.00	40.48 -0.49 0.00	43.38 -0.75 0.00	51.73 -1.82 0.00	55.53 -3.43 -0.78	61.08 -1.54 -0.86	56.90 -2.02 -1.19	48.76 -2.00 -0.79	41.15 -1.09 -0.18	37.32 -0.92 -0.12	33.86 -0.41 0.12	30.50 -0.40 0.00
OLIN_CORP_DRP 24177	26.42 -0.19 0.00	24.05 0.00 0.00	21.96 -0.43 0.00	20.00 -0.75 0.00	19.84 -0.59 0.00	21.84 0.04 0.00	23.90 0.00 0.00	26.13 -0.05 0.00	29.91 -0.12 0.00	31.86 0.06 0.00	33.55 0.00 0.00	35.13 -0.18 0.00	38.13 -0.19 0.00	40.15 -0.82 0.00	42.98 -1.15 0.00	51.47 -2.09 0.00	55.08 -3.90 -0.79	60.48 -2.16 -0.88	56.36 -2.60 -1.22	48.33 -2.45 -0.81	40.78 -1.47 -0.19	36.94 -1.18 0.00	33.81 -0.58 0.00	30.72 -0.19 0.00
OLIN_CORP_DSASP 323712	26.23 -0.37 0.00	23.86 -0.19 0.00	21.78 -0.60 0.00	19.98 -0.77 0.00	19.64 -0.80 0.00	21.66 -0.13 0.00	23.83 -0.07 0.00	26.03 -0.16 0.00	30.00 -0.03 0.00	31.73 -0.06 0.00	33.55 0.00 0.00	35.20 -0.11 0.00	37.90 -0.42 0.00	39.95 -1.02 0.00	42.81 -1.32 0.00	50.99 -2.57 0.00	54.67 -4.31 -0.78	60.22 -2.41 -0.87	56.12 -2.83 -1.21	48.07 -2.70 -0.80	40.61 -1.64 -0.19	36.71 -1.41 0.00	33.60 -0.79 0.00	30.22 -0.68 0.00
ONEIDA_HERK_LFGE 323681	27.05 0.45 0.00	24.46 0.41 0.00	22.72 0.34 0.00	21.04 0.29 0.00	20.70 0.26 0.00	22.12 0.33 0.00	24.31 0.41 0.00	26.55 0.37 0.00	30.48 0.45 0.00	32.34 0.54 0.00	34.29 0.74 0.00	36.05 0.74 0.00	39.09 0.77 0.00	41.71 0.74 0.00	44.88 0.75 0.00	54.41 0.85 0.00	59.11 0.75 -0.17	62.81 1.05 0.00	58.71 0.98 0.00	50.91 0.95 0.00	42.95 0.88 0.00	38.92 0.80 0.00	35.08 0.69 0.00	31.46 0.56 0.00
ONEIDA____115KV_TB4 55905	27.29 0.69 0.00	24.65 0.60 0.00	22.87 0.49 0.00	21.14 0.39 0.00	20.82 0.39 0.00	22.29 0.50 0.00	24.47 0.57 0.00	26.76 0.58 0.00	30.69 0.66 0.00	32.62 0.83 0.00	34.59 1.04 0.00	36.40 1.09 0.00	39.47 1.15 0.00	42.16 1.19 0.00	45.32 1.19 0.00	54.79 1.23 0.00	59.83 1.34 -0.30	63.61 1.85 0.00	59.35 1.62 0.00	51.41 1.45 0.00	43.41 1.35 0.00	39.34 1.22 0.00	35.39 1.00 0.00	31.68 0.77 0.00

ONONDAGA_REF_OCCRA 23987	26.57 -0.03 0.00	24.05 0.00 0.00	22.27 -0.11 0.00	20.60 -0.15 0.00	20.29 -0.14 0.00	21.77 -0.02 0.00	23.90 0.00 0.00	26.24 0.05 0.00	30.06 0.03 0.00	31.89 0.10 0.00	33.68 0.13 0.00	35.45 0.14 0.00	38.52 0.19 0.00	41.13 0.16 0.00	44.26 0.13 0.00	53.45 -0.11 0.00	58.57 -0.17 -0.56	62.46 0.12 -0.58	58.48 -0.06 -0.81	50.35 -0.15 -0.54	42.19 0.00 -0.12	38.19 0.08 0.00	34.42 0.03 0.00	30.78 -0.12 0.00
ONONDAGA___COGEN 23986	26.63 0.03 0.00	24.10 0.05 0.00	22.31 -0.07 0.00	20.64 -0.10 0.00	20.35 -0.08 0.00	21.84 0.04 0.00	23.95 0.05 0.00	26.29 0.10 0.00	30.12 0.09 0.00	31.92 0.13 0.00	33.72 0.17 0.00	35.48 0.18 0.00	38.55 0.23 0.00	41.13 0.16 0.00	44.31 0.18 0.00	53.45 -0.11 0.00	58.54 -0.17 -0.52	61.88 0.12 0.00	57.62 -0.12 0.00	49.81 -0.15 0.00	42.06 0.00 0.00	38.19 0.08 0.00	34.46 0.07 0.00	30.84 -0.06 0.00
ONTARIO___LFGE 23819	27.11 0.50 0.00	24.49 0.43 0.00	22.52 0.14 0.00	20.81 0.06 0.00	20.50 0.06 0.00	22.25 0.46 0.00	24.45 0.55 0.00	26.89 0.71 0.00	30.90 0.87 0.00	32.78 0.99 0.00	34.79 1.24 0.00	36.40 1.10 0.00	39.47 1.15 0.00	42.03 1.06 0.00	45.19 1.06 0.00	54.25 0.69 0.00	59.16 0.23 -0.74	63.87 1.30 -0.82	59.85 0.98 -1.13	51.36 0.65 -0.75	43.08 0.84 -0.18	38.92 0.80 0.00	35.11 0.72 0.00	31.43 0.52 0.00
ORANGEVILLE_WT_PWR 323706	26.97 0.37 0.00	24.49 0.43 0.00	22.40 0.02 0.00	20.64 -0.10 0.00	20.33 -0.10 0.00	22.31 0.52 0.00	24.55 0.65 0.00	26.89 0.71 0.00	30.93 0.90 0.00	32.78 0.99 0.00	34.72 1.17 0.00	36.47 1.16 0.00	39.40 1.07 0.00	41.71 0.74 0.00	44.70 0.57 0.00	53.50 -0.05 0.00	57.50 -1.63 -0.94	63.33 0.49 -1.08	59.17 -0.06 -1.49	50.55 -0.40 -0.99	42.46 0.17 -0.23	38.39 0.27 0.00	34.91 0.52 0.00	31.30 0.40 0.00
ORANGEVILLE___ESR 323794	26.97 0.37 0.00	24.49 0.43 0.00	22.40 0.02 0.00	20.64 -0.10 0.00	20.33 -0.10 0.00	22.31 0.52 0.00	24.55 0.65 0.00	26.89 0.71 0.00	30.93 0.90 0.00	32.78 0.99 0.00	34.72 1.17 0.00	36.47 1.16 0.00	39.40 1.07 0.00	41.71 0.74 0.00	44.70 0.57 0.00	53.50 -0.05 0.00	57.50 -1.63 -0.94	63.33 0.49 -1.08	59.17 -0.06 -1.49	50.55 -0.40 -0.99	42.46 0.17 -0.23	38.39 0.27 0.00	34.91 0.52 0.00	31.30 0.40 0.00
OSWEGATCHIE___HYD 24044	26.50 -0.11 0.00	23.96 -0.10 0.00	22.29 -0.09 0.00	20.62 -0.12 0.00	20.31 -0.12 0.00	21.71 -0.09 0.00	23.88 -0.02 0.00	26.06 -0.13 0.00	29.79 -0.24 0.00	31.29 -0.51 0.00	32.81 -0.74 0.00	34.53 -0.78 0.00	37.40 -0.92 0.00	39.78 -1.19 0.00	42.90 -1.24 0.00	52.11 -1.44 0.00	56.47 -1.86 -0.14	59.66 -2.10 0.00	56.23 -1.05 0.00	48.91 -1.05 0.00	41.39 -0.67 0.00	37.55 -0.57 0.00	34.29 -0.10 0.00	30.78 -0.12 0.00
OSWEGO___5 23606	26.12 -0.48 0.00	23.62 -0.43 0.00	21.91 -0.47 0.00	20.31 -0.44 0.00	20.01 -0.43 0.00	21.42 -0.37 0.00	23.49 -0.41 0.00	25.72 -0.47 0.00	29.49 -0.54 0.00	31.19 -0.61 0.00	32.91 -0.64 0.00	34.60 -0.71 0.00	37.52 -0.81 0.00	40.07 -0.90 0.00	43.16 -0.97 0.00	52.16 -1.39 0.00	56.93 -1.63 -0.37	60.28 -1.48 0.00	56.23 -1.50 0.00	48.62 -1.35 0.00	41.05 -1.01 0.00	37.31 -0.80 0.00	33.70 -0.69 0.00	30.25 -0.65 0.00
OSWEGO___6 23613	26.12 -0.48 0.00	23.62 -0.43 0.00	21.91 -0.47 0.00	20.31 -0.44 0.00	20.01 -0.43 0.00	21.42 -0.37 0.00	23.49 -0.41 0.00	25.72 -0.47 0.00	29.49 -0.54 0.00	31.19 -0.61 0.00	32.91 -0.64 0.00	34.60 -0.71 0.00	37.52 -0.81 0.00	40.07 -0.90 0.00	43.16 -0.97 0.00	52.16 -1.39 0.00	56.93 -1.63 -0.37	60.28 -1.48 0.00	56.23 -1.50 0.00	48.62 -1.35 0.00	41.05 -1.01 0.00	37.31 -0.80 0.00	33.70 -0.69 0.00	30.25 -0.65 0.00
OUTOKUMPU-AB___DRP 24206	26.97 0.37 0.00	24.51 0.46 0.00	22.38 0.00 0.00	20.39 -0.35 0.00	20.19 -0.25 0.00	22.27 0.48 0.00	24.52 0.62 0.00	26.79 0.60 0.00	30.72 0.69 0.00	32.75 0.95 0.00	34.49 0.94 0.00	36.08 0.78 0.00	38.98 0.65 0.00	41.09 0.12 0.00	44.00 -0.13 0.00	52.59 -0.96 0.00	56.31 -2.68 -0.80	61.91 -0.74 -0.89	57.70 -1.27 -1.24	49.34 -1.45 -0.82	41.62 -0.63 -0.19	37.70 -0.42 0.00	34.60 0.21 0.00	31.34 0.43 0.00
OXBOW____ 24026	26.68 0.08 0.00	24.27 0.22 0.00	22.14 -0.25 0.00	20.31 -0.44 0.00	19.99 -0.45 0.00	22.03 0.24 0.00	24.21 0.31 0.00	26.48 0.29 0.00	30.51 0.48 0.00	32.34 0.54 0.00	34.22 0.67 0.00	35.69 0.39 0.00	38.36 0.04 0.00	40.48 -0.49 0.00	43.34 -0.79 0.00	51.63 -1.93 0.00	55.31 -3.66 -0.79	60.98 -1.66 -0.88	56.82 -2.14 -1.22	48.58 -2.20 -0.81	41.03 -1.22 -0.19	37.13 -0.99 0.00	34.01 -0.38 0.00	30.75 -0.15 0.00
OXY_CHEM_DSASP 323612	26.23 -0.37 0.00	23.86 -0.19 0.00	21.78 -0.60 0.00	19.83 -0.91 0.00	19.62 -0.82 0.00	21.66 -0.13 0.00	23.92 0.02 0.00	26.03 -0.16 0.00	29.82 -0.21 0.00	31.73 -0.06 0.00	33.41 -0.13 0.00	34.95 -0.35 0.00	37.90 -0.42 0.00	39.86 -1.11 0.00	42.72 -1.41 0.00	51.09 -2.46 0.00	54.78 -4.19 -0.78	60.10 -2.53 -0.87	56.06 -2.89 -1.21	48.02 -2.75 -0.80	40.53 -1.72 -0.19	36.71 -1.41 0.00	33.63 -0.76 0.00	30.44 -0.46 0.00
OZONE_PARK_ESR 323760	29.05 2.45 0.00	26.07 2.02 0.00	24.24 1.86 0.00	22.59 1.85 0.00	22.15 1.72 0.00	23.36 1.57 0.00	25.67 1.77 0.00	28.41 2.23 0.00	32.70 2.67 0.00	35.04 3.24 0.00	37.00 3.46 0.00	38.87 3.57 0.00	42.54 4.22 0.00	45.64 4.67 0.00	49.07 4.94 0.00	60.56 6.64 -0.37	78.68 7.51 -12.99	79.46 8.34 -9.37	73.24 7.10 -8.40	61.15 5.60 -5.59	47.40 4.04 -1.30	41.85 3.74 0.00	37.69 3.30 0.00	33.53 2.63 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.23 -0.37 0.00	23.86 -0.19 0.00	21.78 -0.60 0.00	19.83 -0.91 0.00	19.62 -0.82 0.00	21.66 -0.13 0.00	23.92 0.02 0.00	26.03 -0.16 0.00	29.82 -0.21 0.00	31.73 -0.06 0.00	33.41 -0.13 0.00	34.95 -0.35 0.00	37.90 -0.42 0.00	39.86 -1.11 0.00	42.72 -1.41 0.00	51.09 -2.46 0.00	54.78 -4.19 -0.78	60.10 -2.53 -0.87	56.06 -2.89 -1.21	48.02 -2.75 -0.80	40.53 -1.72 -0.19	36.71 -1.41 0.00	33.63 -0.76 0.00	30.44 -0.46 0.00
PACKARD___115KV_DUPONT_184 80571	26.23 -0.37 0.00	23.86 -0.19 0.00	21.78 -0.60 0.00	19.83 -0.91 0.00	19.62 -0.82 0.00	21.66 -0.13 0.00	23.92 0.02 0.00	26.03 -0.16 0.00	29.82 -0.21 0.00	31.73 -0.06 0.00	33.41 -0.13 0.00	34.95 -0.35 0.00	37.90 -0.42 0.00	39.86 -1.11 0.00	42.72 -1.41 0.00	51.09 -2.46 0.00	54.78 -4.19 -0.78	60.10 -2.53 -0.87	56.06 -2.89 -1.21	48.02 -2.75 -0.80	40.53 -1.72 -0.19	36.71 -1.41 0.00	33.63 -0.76 0.00	30.44 -0.46 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.95 2.34 -0.01	25.96 1.90 -0.01	24.16 1.77 -0.01	22.52 1.76 -0.01	22.08 1.63 -0.01	23.23 1.44 0.00	25.38 1.48 0.00	28.34 2.15 -0.01	32.34 2.31 0.00	34.76 2.96 -0.01	36.68 3.12 -0.01	38.38 3.07 -0.01	42.28 3.95 -0.01	45.28 4.30 -0.01	48.60 4.46 -0.01	59.77 5.84 -0.38	77.64 6.46 -13.00	78.36 7.23 -9.38	72.21 6.06 -8.41	60.29 4.75 -5.59	46.52 3.15 -1.30	41.32 3.20 0.00	37.29 2.89 -0.01	33.32 2.41 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.32 2.71 -0.01	26.30 2.24 -0.01	24.45 2.06 -0.01	22.79 2.03 -0.01	22.34 1.90 -0.01	23.49 1.70 0.00	25.67 1.77 0.00	28.66 2.46 -0.01	32.70 2.67 0.00	35.11 3.31 -0.01	37.28 3.72 -0.01	39.05 3.74 -0.01	43.01 4.68 -0.01	46.10 5.12 -0.01	49.43 5.30 -0.01	60.47 6.53 -0.38	78.40 7.22 -13.00	79.22 8.09 -9.38	73.01 6.87 -8.41	60.99 5.45 -5.59	47.07 3.70 -1.30	41.85 3.74 0.00	37.77 3.37 -0.01	33.75 2.84 -0.01
PATROON__115KV_TB1 80586	27.48 0.88 0.00	24.80 0.75 0.00	23.19 0.81 0.00	21.47 0.73 0.00	21.15 0.72 0.00	22.42 0.63 0.00	24.38 0.48 0.00	26.71 0.52 0.00	30.66 0.63 0.00	32.65 0.86 0.00	34.66 1.11 0.00	36.50 1.20 0.00	39.51 1.19 0.00	42.36 1.39 0.00	45.63 1.50 0.00	55.00 1.82 0.38	67.15 2.15 -6.81	76.81 2.41 -12.65	77.24 2.02 -17.49	63.35 1.75 -11.64	46.12 1.35 -2.71	39.53 1.41 0.00	35.59 1.20 0.00	31.83 0.93 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.08 0.48 0.00	24.53 0.48 0.00	22.43 0.04 0.00	20.50 -0.25 0.00	20.27 -0.16 0.00	22.34 0.54 0.00	24.55 0.65 0.00	26.89 0.71 0.00	30.78 0.75 0.00	32.88 1.08 0.00	34.66 1.11 0.00	36.40 1.09 0.00	39.55 1.23 0.00	41.83 0.86 0.00	44.84 0.71 0.00	53.72 0.16 0.00	56.73 -2.33 -0.87	63.43 0.68 -0.99	59.10 0.00 -1.37	50.42 -0.45 -0.91	42.36 0.08 -0.21	38.38 0.27 0.00	34.94 0.55 0.00	31.55 0.65 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.54 1.94 0.00	25.69 1.64 0.00	23.93 1.54 0.00	22.24 1.49 0.00	21.81 1.37 0.00	23.08 1.29 0.00	25.36 1.46 0.00	27.89 1.70 0.00	32.13 2.10 0.00	34.40 2.61 0.00	36.50 2.95 0.00	38.66 3.35 0.00	42.35 4.02 0.00	45.48 4.51 0.00	49.07 4.94 0.00	60.14 6.27 -0.32	78.51 7.27 -13.05	79.27 8.03 -9.48	73.05 6.75 -8.56	61.26 5.60 -5.70	47.39 4.00 -1.33	41.62 3.51 0.00	37.24 2.85 0.00	33.13 2.23 0.00
PEEKSKILL____ 23653	28.38 1.78 0.00	25.54 1.49 0.00	23.77 1.39 0.00	22.12 1.37 0.00	21.72 1.29 0.00	22.95 1.15 0.00	25.21 1.31 0.00	27.78 1.60 0.00	31.89 1.86 0.00	34.18 2.39 0.00	36.10 2.55 0.00	38.02 2.72 0.00	41.58 3.26 0.00	44.58 3.61 0.00	47.97 3.84 0.00	59.06 5.14 -0.36	77.04 5.94 -12.91	77.66 6.61 -9.29	71.45 5.43 -8.29	59.82 4.34 -5.52	46.46 3.11 -1.29	40.98 2.86 0.00	36.80 2.41 0.00	33.16 2.25 0.00
PGE MADISON__WINDPWR 24146	28.76 2.15 0.00	25.95 1.90 0.00	23.99 1.61 0.00	22.18 1.43 0.00	21.83 1.39 0.00	23.49 1.70 0.00	25.86 1.96 0.00	28.15 1.97 0.00	32.19 2.16 0.00	34.21 2.42 0.00	36.26 2.72 0.00	38.13 2.83 0.00	41.24 2.91 0.00	44.04 3.07 0.00	47.26 3.13 0.00	57.20 3.64 0.00	63.58 3.90 -1.50	69.37 5.19 -2.42	66.05 4.97 -3.35	56.74 4.55 -2.23	46.79 4.21 -0.52	41.89 3.77 0.00	37.52 3.13 0.00	33.50 2.60 0.00
PIERCEFIELD__HYD 23852	26.28 -0.32 0.00	23.81 -0.24 0.00	22.18 -0.20 0.00	20.58 -0.17 0.00	20.25 -0.18 0.00	21.60 -0.20 0.00	23.76 -0.14 0.00	25.98 -0.21 0.00	29.58 -0.45 0.00	30.94 -0.86 0.00	32.34 -1.21 0.00	34.03 -1.27 0.00	36.83 -1.49 0.00	39.17 -1.80 0.00	42.23 -1.90 0.00	51.47 -2.09 0.00	55.63 -2.56 0.00	58.61 -3.15 0.00	55.37 -2.37 0.00	48.16 -1.80 0.00	40.72 -1.35 0.00	36.94 -1.18 0.00	34.01 -0.38 0.00	30.75 -0.15 0.00
PINELAWN_CC_1 323563	35.96 2.87 -6.49	33.62 2.45 -7.11	29.43 2.28 -4.76	22.93 2.18 0.00	22.42 1.98 0.00	23.78 1.98 0.00	25.88 1.98 0.00	30.76 2.67 -1.90	33.13 2.97 -0.13	36.86 3.62 -1.44	37.94 3.55 -0.84	41.22 3.46 -2.46	57.04 3.91 -14.80	68.51 4.18 -23.36	64.11 4.46 -15.53	75.74 6.00 -16.18	89.82 6.86 -24.77	113.41 7.72 -43.93	81.69 6.58 -17.37	69.79 5.35 -14.48	51.18 3.91 -5.20	45.48 3.74 -3.63	43.20 3.47 -5.34	39.10 3.40 -4.80
PJM_GEN_HTP_PROXY 323702	28.70 2.10 0.00	25.78 1.73 0.00	23.97 1.59 0.00	22.34 1.60 0.00	21.93 1.49 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.10 1.91 0.00	32.25 2.22 0.00	34.62 2.83 0.00	36.47 2.92 0.00	38.37 3.07 0.00	42.00 3.68 0.00	45.07 4.10 0.00	48.41 4.28 0.00	59.76 5.84 -0.37	77.75 6.57 -12.99	78.47 7.35 -9.37	72.20 6.06 -8.40	60.35 4.80 -5.59	46.77 3.41 -1.30	41.44 3.20 -0.12	37.05 2.78 0.12	33.53 2.63 0.00
PJM_GEN_KEystone 24065	27.43 0.83 0.00	24.75 0.70 0.00	22.85 0.47 0.00	21.18 0.44 0.00	20.82 0.39 0.00	22.34 0.55 0.00	24.57 0.67 0.00	27.00 0.81 0.00	30.99 0.96 0.00	33.10 1.30 0.00	34.99 1.44 0.00	36.67 1.48 0.12	39.67 1.68 0.33	42.12 1.72 0.57	45.12 1.72 0.73	54.78 2.09 0.87	62.62 1.74 -2.69	67.55 3.03 -2.77	63.82 2.19 -3.89	53.34 1.45 -1.93	43.69 1.14 -0.49	39.38 1.14 -0.12	35.30 1.03 0.12	31.86 0.96 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.40 2.31 -6.49	33.11 1.95 -7.11	28.98 1.84 -4.76	22.51 1.76 0.00	22.03 1.60 0.00	23.32 1.52 0.00	25.43 1.53 0.00	30.20 2.12 -1.90	32.53 2.37 -0.13	36.20 2.96 -1.44	36.85 2.95 -0.35	40.81 3.11 -2.40	56.77 3.64 -14.80	65.17 4.02 -20.19	60.98 4.28 -12.57	70.05 5.67 -10.82	84.88 6.40 -20.29	108.61 7.16 -39.70	77.15 6.00 -13.41	60.42 4.84 -5.61	46.92 3.53 -1.32	41.57 3.31 -0.14	37.49 3.06 -0.04	36.05 2.78 -2.37
PJM_GEN_VFT_PROXY 323633	28.60 2.00 0.00	25.66 1.61 0.00	23.86 1.48 0.00	22.28 1.54 0.00	21.87 1.43 0.00	22.97 1.18 0.00	25.26 1.36 0.00	27.97 1.78 0.00	32.13 2.10 0.00	34.47 2.67 0.00	36.26 2.72 0.00	36.46 2.83 1.67	36.95 3.41 4.78	36.61 3.81 8.17	37.74 4.02 10.41	44.35 5.52 14.72	60.31 6.23 4.10	61.68 6.98 7.06	54.59 5.72 8.86	39.07 4.50 15.39	42.18 3.07 2.95	41.21 2.98 -0.12	36.81 2.58 0.16	33.44 2.53 0.00
PLATSBURG_115KV_PMLD1 355749	26.18 -0.43 0.00	23.74 -0.31 0.00	22.16 -0.22 0.00	20.62 -0.12 0.00	20.29 -0.14 0.00	21.75 -0.04 0.00	24.02 0.12 0.00	26.45 0.26 0.00	30.24 0.21 0.00	31.70 -0.10 0.00	33.21 -0.34 0.00	35.09 -0.21 0.00	38.02 -0.31 0.00	40.64 -0.33 0.00	44.13 0.00 0.00	54.14 0.59 0.00	58.48 0.29 0.00	61.88 0.12 0.00	58.60 0.87 0.00	50.91 0.95 0.00	43.12 1.05 0.00	38.80 0.69 0.00	35.25 0.86 0.00	31.89 0.99 0.00
PLEASANTVLY__LBMP 24000	28.14 1.54 0.00	25.35 1.30 0.00	23.64 1.25 0.00	21.99 1.24 0.00	21.60 1.16 0.00	22.84 1.05 0.00	25.07 1.17 0.00	27.55 1.36 0.00	31.65 1.62 0.00	33.80 2.00 0.00	35.76 2.21 0.00	37.63 2.33 0.00	41.01 2.68 0.00	44.00 3.03 0.00	47.35 3.22 0.00	58.21 4.23 -0.42	69.01 4.89 -5.93	73.62 5.43 -6.42	71.12 4.50 -8.88	59.57 3.70 -5.91	46.13 2.69 -1.38	40.56 2.44 0.00	36.45 2.06 0.00	32.54 1.64 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.49 1.89 0.00	25.62 1.56 0.00	23.86 1.48 0.00	22.22 1.47 0.00	21.81 1.37 0.00	23.06 1.26 0.00	25.31 1.41 0.00	27.92 1.73 0.00	32.13 2.10 0.00	34.37 2.58 0.00	36.33 2.78 0.00	38.23 2.93 0.00	41.77 3.45 0.00	44.82 3.85 0.00	48.23 4.10 0.00	59.34 5.41 -0.37	77.46 6.23 -13.04	78.10 6.92 -9.43	72.05 5.83 -8.48	60.30 4.70 -5.64	46.74 3.37 -1.32	41.13 3.01 0.00	36.97 2.58 0.00	32.94 2.04 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.49 1.89 0.00	25.62 1.56 0.00	23.86 1.48 0.00	22.22 1.47 0.00	21.81 1.37 0.00	23.06 1.26 0.00	25.31 1.41 0.00	27.92 1.73 0.00	32.13 2.10 0.00	34.37 2.58 0.00	36.33 2.78 0.00	38.23 2.93 0.00	41.77 3.45 0.00	44.82 3.85 0.00	48.23 4.10 0.00	59.34 5.41 -0.37	77.46 6.23 -13.04	78.10 6.92 -9.43	72.05 5.83 -8.48	60.30 4.70 -5.64	46.74 3.37 -1.32	41.13 3.01 0.00	36.97 2.58 0.00	32.94 2.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.33 1.73 0.00	25.50 1.44 0.00	23.75 1.37 0.00	22.08 1.33 0.00	21.68 1.25 0.00	22.93 1.13 0.00	25.21 1.31 0.00	27.58 1.39 0.00	31.74 1.71 0.00	33.96 2.16 0.00	36.00 2.45 0.00	37.99 2.68 0.00	41.43 3.10 0.00	44.53 3.56 0.00	47.93 3.80 0.00	58.38 4.93 0.11	69.22 5.47 -5.57	74.19 6.05 -6.38	71.70 5.14 -8.82	60.08 4.25 -5.87	46.59 3.15 -1.37	40.94 2.82 0.00	36.76 2.37 0.00	32.76 1.85 0.00
POLETTI____ 23519	28.70 2.10 0.00	25.78 1.73 0.00	23.99 1.61 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.12 1.33 0.00	25.38 1.48 0.00	28.10 1.91 0.00	32.31 2.28 0.00	34.63 2.83 0.00	36.57 3.02 0.00	38.38 3.07 0.00	41.97 3.64 0.00	45.03 4.06 0.00	48.37 4.24 0.00	59.71 5.78 -0.37	77.69 6.52 -12.99	78.41 7.29 -9.37	72.26 6.12 -8.40	60.29 4.75 -5.58	46.72 3.37 -1.29	41.28 3.16 0.00	37.18 2.79 0.00	33.13 2.23 0.00
POMONA____ESR 323819	28.28 1.68 0.00	25.47 1.42 0.00	23.70 1.32 0.00	22.06 1.31 0.00	21.66 1.23 0.00	22.88 1.09 0.00	25.17 1.27 0.00	27.65 1.47 0.00	31.74 1.71 0.00	34.02 2.22 0.00	35.97 2.42 0.00	37.85 2.54 0.00	41.39 3.07 0.00	44.41 3.44 0.00	47.79 3.66 0.00	58.76 4.87 -0.33	69.17 5.64 -5.34	73.79 6.23 -5.79	70.88 5.14 -8.01	59.34 4.05 -5.33	46.21 2.90 -1.24	40.78 2.67 0.00	36.66 2.27 0.00	33.01 2.10 0.00
PORT_JEFF_3 23555	36.10 3.01 -6.50	33.74 2.57 -7.11	29.54 2.40 -4.76	23.03 2.28 0.00	22.52 2.09 0.00	23.88 2.09 0.00	25.98 2.08 0.00	30.86 2.77 -1.90	33.16 3.00 -0.13	36.94 3.69 -1.45	39.91 3.52 -2.84	43.62 3.56 -4.75	57.08 3.95 -14.81	115.68 4.26 -70.45	125.42 4.46 -76.83	213.95 5.94 -154.45	250.85 6.63 -186.03	265.39 7.35 -196.29	223.27 6.24 -159.30	231.84 5.15 -176.73	121.34 3.79 -75.49	98.98 3.66 -57.20	45.64 3.44 -7.82	40.10 3.24 -5.95
PORT_JEFF_4 23616	36.10 3.01 -6.50	33.74 2.57 -7.11	29.54 2.40 -4.76	23.03 2.28 0.00	22.52 2.09 0.00	23.88 2.09 0.00	25.98 2.08 0.00	30.86 2.77 -1.90	33.16 3.00 -0.13	36.94 3.69 -1.45	39.91 3.52 -2.84	43.62 3.56 -4.75	57.08 3.95 -14.81	115.68 4.26 -70.45	125.42 4.46 -76.83	213.95 5.94 -154.45	250.85 6.63 -186.03	265.39 7.35 -196.29	223.27 6.24 -159.30	231.84 5.15 -176.73	121.34 3.79 -75.49	98.98 3.66 -57.20	45.64 3.44 -7.82	40.10 3.24 -5.95
PORT_JEFF_IC 23713	36.16 3.06 -6.50	33.78 2.62 -7.11	29.59 2.44 -4.76	23.05 2.30 0.00	22.54 2.11 0.00	23.91 2.11 0.00	26.00 2.10 0.00	30.91 2.83 -1.90	33.22 3.06 -0.13	37.03 3.78 -1.46	40.25 3.66 -3.04	44.87 3.74 -5.82	57.20 4.06 -14.81	123.18 4.39 -77.82	136.31 4.63 -87.55	239.55 6.16 -179.84	298.34 6.86 -233.29	308.83 7.66 -239.41	261.84 6.52 -197.58	272.97 5.35 -217.66	138.86 3.91 -92.89	107.44 3.74 -65.59	45.39 3.61 -7.39	40.03 3.37 -5.76
PPL PILGRIM_ST_GT1 24216	36.23 3.14 -6.49	33.88 2.72 -7.11	29.65 2.51 -4.76	23.15 2.41 0.00	22.64 2.21 0.00	24.02 2.22 0.00	26.10 2.20 0.00	31.02 2.93 -1.90	33.40 3.24 -0.13	37.09 3.85 -1.44	40.57 3.66 -3.37	41.78 3.88 -2.59	57.30 4.18 -14.80	75.97 4.59 -30.42	71.09 4.90 -22.07	88.10 6.53 -28.02	100.10 7.33 -34.59	123.15 8.15 -53.24	90.73 6.93 -26.07	89.76 5.64 -34.15	60.05 4.17 -13.82	53.62 3.85 -11.65	63.28 3.75 -25.14	48.56 3.58 -14.07
PPL PILGRIM_ST_GT2 24217	36.23 3.14 -6.49	33.88 2.72 -7.11	29.65 2.51 -4.76	23.15 2.41 0.00	22.64 2.21 0.00	24.02 2.22 0.00	26.10 2.20 0.00	31.02 2.93 -1.90	33.40 3.24 -0.13	37.09 3.85 -1.44	40.57 3.66 -3.37	41.78 3.88 -2.59	57.30 4.18 -14.80	75.97 4.59 -30.42	71.09 4.90 -22.07	88.10 6.53 -28.02	100.10 7.33 -34.59	123.15 8.15 -53.24	90.73 6.93 -26.07	89.76 5.64 -34.15	60.05 4.17 -13.82	53.62 3.85 -11.65	63.28 3.75 -25.14	48.56 3.58 -14.07
PPL_SHRM_GT3 24213	36.03 2.93 -6.50	33.66 2.50 -7.11	29.47 2.33 -4.76	22.93 2.18 0.00	22.42 1.98 0.00	23.78 1.98 0.00	25.83 1.94 0.00	30.76 2.67 -1.90	33.01 2.85 -0.13	36.84 3.59 -1.45	39.98 3.55 -2.88	44.03 3.78 -4.95	57.54 4.41 -14.81	117.16 4.83 -71.36	130.48 5.20 -81.15	228.08 6.91 -167.61	268.79 7.04 -203.57	282.60 7.78 -213.06	239.67 6.75 -175.18	239.22 6.04 -183.22	124.75 4.46 -78.23	100.44 4.08 -58.24	45.96 3.68 -7.89	40.26 3.37 -5.99
PPL_SHRM_GT4 24214	36.03 2.93 -6.50	33.66 2.50 -7.11	29.47 2.33 -4.76	22.93 2.18 0.00	22.42 1.98 0.00	23.78 1.98 0.00	25.83 1.94 0.00	30.76 2.67 -1.90	33.01 2.85 -0.13	36.84 3.59 -1.45	39.98 3.55 -2.88	44.03 3.78 -4.95	57.54 4.41 -14.81	117.16 4.83 -71.36	130.48 5.20 -81.15	228.08 6.91 -167.61	268.79 7.04 -203.57	282.60 7.78 -213.06	239.67 6.75 -175.18	239.22 6.04 -183.22	124.75 4.46 -78.23	100.44 4.08 -58.24	45.96 3.68 -7.89	40.26 3.37 -5.99
PROJECT___ORANGE 1 24174	26.50 -0.11 0.00	23.98 -0.07 0.00	22.20 -0.18 0.00	20.54 -0.21 0.00	20.25 -0.18 0.00	21.73 -0.07 0.00	23.83 -0.07 0.00	26.13 -0.05 0.00	29.97 -0.06 0.00	31.76 -0.03 0.00	33.58 0.03 0.00	35.34 0.04 0.00	38.40 0.08 0.00	40.97 0.00 0.00	44.09 -0.04 0.00	53.23 -0.32 0.00	58.19 -0.47 -0.46	61.57 -0.19 0.00	57.33 -0.40 0.00	49.56 -0.40 0.00	41.85 -0.21 0.00	38.00 -0.11 0.00	34.25 -0.14 0.00	30.66 -0.25 0.00
PROJECT___ORANGE 2 24166	26.50 -0.11 0.00	23.98 -0.07 0.00	22.20 -0.18 0.00	20.54 -0.21 0.00	20.25 -0.18 0.00	21.73 -0.07 0.00	23.83 -0.07 0.00	26.13 -0.05 0.00	29.97 -0.06 0.00	31.76 -0.03 0.00	33.58 0.03 0.00	35.34 0.04 0.00	38.40 0.08 0.00	40.97 0.00 0.00	44.09 -0.04 0.00	53.23 -0.32 0.00	58.19 -0.47 -0.46	61.57 -0.19 0.00	57.33 -0.40 0.00	49.56 -0.40 0.00	41.85 -0.21 0.00	38.00 -0.11 0.00	34.25 -0.14 0.00	30.66 -0.25 0.00
PUCKETT___SOLAR 323809	27.45 0.85 0.00	24.82 0.77 0.00	22.96 0.58 0.00	21.24 0.50 0.00	20.91 0.47 0.00	22.49 0.70 0.00	24.71 0.81 0.00	27.05 0.86 0.00	31.02 0.99 0.00	33.00 1.21 0.00	34.92 1.38 0.00	36.75 1.45 0.00	39.86 1.53 0.00	42.57 1.60 0.00	45.72 1.59 0.00	55.27 1.71 0.00	61.32 1.51 -1.62	66.53 2.47 -2.30	62.94 2.02 -3.18	53.78 1.70 -2.12	44.16 1.60 -0.49	39.60 1.49 0.00	35.63 1.24 0.00	31.92 1.02 0.00
PYRITES___HYD 24023	26.68 0.08 0.00	24.15 0.10 0.00	22.49 0.11 0.00	20.87 0.12 0.00	20.52 0.08 0.00	21.88 0.09 0.00	24.09 0.19 0.00	26.32 0.13 0.00	29.94 -0.09 0.00	31.38 -0.41 0.00	33.01 -0.54 0.00	34.78 -0.53 0.00	37.60 -0.73 0.00	39.99 -0.98 0.00	43.16 -0.97 0.00	52.38 -1.18 0.00	56.67 -1.51 0.00	59.72 -2.04 0.00	56.46 -1.27 0.00	49.11 -0.85 0.00	41.56 -0.50 0.00	37.66 -0.46 0.00	34.46 0.07 0.00	31.18 0.28 0.00

QUAKERRD_115KV_BK1 80622	26.15 -0.45 0.00	23.74 -0.31 0.00	21.80 -0.58 0.00	20.04 -0.71 0.00	19.78 -0.65 0.00	21.49 -0.31 0.00	23.61 -0.29 0.00	25.93 -0.26 0.00	29.76 -0.27 0.00	31.67 -0.13 0.00	33.38 -0.17 0.00	35.06 -0.25 0.00	38.02 -0.31 0.00	40.35 -0.61 0.00	43.34 -0.79 0.00	52.00 -1.55 0.00	56.52 -2.27 -0.61	60.79 -1.61 -0.64	56.83 -1.79 -0.88	48.95 -1.60 -0.59	41.23 -0.97 -0.14	37.35 -0.76 0.00	33.81 -0.58 0.00	30.28 -0.62 0.00
QUENSBRY_115KV_TB8 356137	28.33 1.73 0.00	25.52 1.47 0.00	23.86 1.48 0.00	22.03 1.29 0.00	21.72 1.29 0.00	23.08 1.29 0.00	25.29 1.39 0.00	27.73 1.55 0.00	31.80 1.77 0.00	33.86 2.07 0.00	35.86 2.31 0.00	37.81 2.51 0.00	41.12 2.80 0.00	43.96 2.99 0.00	47.40 3.27 0.00	56.98 3.86 0.43	69.84 4.54 -7.11	87.13 5.00 -20.37	91.09 5.20 -28.16	72.95 4.25 -18.75	50.34 3.91 -4.37	41.40 3.28 0.00	36.93 2.54 0.00	32.94 2.04 0.00
RAMAPO___LBMP 323565	28.20 1.60 0.00	25.37 1.32 0.00	23.64 1.25 0.00	21.99 1.24 0.00	21.60 1.16 0.00	22.84 1.05 0.00	25.09 1.19 0.00	27.58 1.39 0.00	31.71 1.68 0.00	33.93 2.13 0.00	35.86 2.31 0.00	37.78 2.47 0.00	41.20 2.87 0.00	44.21 3.24 0.00	47.57 3.44 0.00	58.49 4.61 -0.33	68.86 5.35 -5.32	73.46 5.93 -5.77	70.62 4.91 -7.98	59.17 3.90 -5.31	46.08 2.78 -1.24	40.67 2.55 0.00	36.52 2.13 0.00	32.57 1.67 0.00
RANKINE____ 23646	27.11 0.51 0.00	24.61 0.55 0.00	22.47 0.09 0.00	20.54 -0.21 0.00	20.31 -0.12 0.00	22.38 0.59 0.00	24.62 0.72 0.00	26.95 0.76 0.00	30.87 0.84 0.00	32.94 1.14 0.00	34.72 1.17 0.00	36.43 1.13 0.00	39.55 1.23 0.00	41.75 0.78 0.00	44.70 0.57 0.00	53.56 0.00 0.00	57.06 -1.98 -0.85	63.09 0.37 -0.96	58.78 -0.29 -1.33	50.20 -0.65 -0.89	42.27 0.00 -0.21	38.31 0.19 0.00	34.94 0.55 0.00	31.55 0.65 0.00
RAVENSWOOD_GT2_1 24244	28.76 2.15 0.00	25.81 1.75 0.00	24.02 1.63 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.53 2.98 0.00	38.41 3.11 0.00	42.00 3.68 0.00	45.07 4.10 0.00	48.41 4.28 0.00	59.76 5.84 -0.37	77.75 6.57 -12.99	78.47 7.35 -9.37	72.20 6.06 -8.40	60.35 4.80 -5.59	46.73 3.37 -1.30	41.32 3.20 0.00	37.24 2.85 0.00	33.59 2.69 0.00
RAVENSWOOD_GT2_2 24245	28.76 2.15 0.00	25.81 1.75 0.00	24.02 1.63 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.10 1.31 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.53 2.98 0.00	38.41 3.11 0.00	42.00 3.68 0.00	45.07 4.10 0.00	48.41 4.28 0.00	59.76 5.84 -0.37	77.75 6.57 -12.99	78.47 7.35 -9.37	72.20 6.06 -8.40	60.35 4.80 -5.59	46.73 3.37 -1.30	41.32 3.20 0.00	37.24 2.85 0.00	33.59 2.69 0.00
RAVENSWOOD_GT2_3 24246	28.78 2.18 0.00	25.83 1.78 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.97 1.53 0.00	23.12 1.33 0.00	25.43 1.53 0.00	28.15 1.97 0.00	32.31 2.28 0.00	34.69 2.89 0.00	36.57 3.02 0.00	38.45 3.14 0.00	42.04 3.72 0.00	45.11 4.14 0.00	48.46 4.33 0.00	59.81 5.89 -0.37	77.81 6.63 -12.99	78.53 7.41 -9.37	72.25 6.12 -8.40	60.40 4.84 -5.59	46.77 3.41 -1.30	41.36 3.24 0.00	37.28 2.89 0.00	33.62 2.72 0.00
RAVENSWOOD_GT2_4 24247	28.78 2.18 0.00	25.83 1.78 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.97 1.53 0.00	23.12 1.33 0.00	25.43 1.53 0.00	28.15 1.97 0.00	32.31 2.28 0.00	34.69 2.89 0.00	36.57 3.02 0.00	38.45 3.14 0.00	42.04 3.72 0.00	45.11 4.14 0.00	48.46 4.33 0.00	59.81 5.89 -0.37	77.81 6.63 -12.99	78.53 7.41 -9.37	72.25 6.12 -8.40	60.40 4.84 -5.59	46.77 3.41 -1.30	41.36 3.24 0.00	37.28 2.89 0.00	33.62 2.72 0.00
RAVENSWOOD_GT3_1 24248	28.76 2.15 0.00	25.83 1.78 0.00	24.02 1.63 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.12 1.33 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.53 2.98 0.00	38.41 3.11 0.00	42.04 3.72 0.00	45.07 4.10 0.00	48.46 4.33 0.00	59.76 5.84 -0.37	77.75 6.57 -12.99	78.47 7.35 -9.37	72.20 6.06 -8.40	60.35 4.80 -5.59	46.73 3.37 -1.30	41.36 3.24 0.00	37.24 2.85 0.00	33.59 2.69 0.00
RAVENSWOOD_GT3_2 24249	28.76 2.15 0.00	25.83 1.78 0.00	24.02 1.63 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.12 1.33 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.53 2.98 0.00	38.41 3.11 0.00	42.04 3.72 0.00	45.07 4.10 0.00	48.46 4.33 0.00	59.76 5.84 -0.37	77.75 6.57 -12.99	78.47 7.35 -9.37	72.20 6.06 -8.40	60.35 4.80 -5.59	46.73 3.37 -1.30	41.36 3.24 0.00	37.24 2.85 0.00	33.59 2.69 0.00
RAVENSWOOD_GT3_3 24250	28.81 2.21 0.00	25.86 1.80 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.19 1.39 0.00	25.48 1.58 0.00	28.18 1.99 0.00	32.43 2.40 0.00	34.72 2.93 0.00	36.70 3.15 0.00	38.52 3.21 0.00	42.12 3.79 0.00	45.19 4.22 0.00	48.59 4.46 0.00	59.87 5.94 -0.37	77.93 6.75 -12.99	78.60 7.47 -9.37	72.43 6.29 -8.40	60.50 4.95 -5.59	46.90 3.53 -1.30	41.43 3.32 0.00	37.31 2.92 0.00	33.25 2.35 0.00
RAVENSWOOD_GT3_4 24251	28.81 2.21 0.00	25.86 1.80 0.00	24.06 1.68 0.00	22.41 1.66 0.00	21.99 1.55 0.00	23.14 1.35 0.00	25.48 1.58 0.00	28.18 1.99 0.00	32.34 2.31 0.00	34.72 2.92 0.00	36.60 3.05 0.00	38.52 3.21 0.00	42.12 3.79 0.00	45.19 4.22 0.00	48.54 4.41 0.00	59.92 6.00 -0.37	77.92 6.75 -12.99	78.66 7.53 -9.37	72.37 6.24 -8.40	60.50 4.95 -5.59	46.86 3.49 -1.30	41.43 3.31 0.00	37.31 2.92 0.00	33.65 2.75 0.00
RAVENSWOOD_GT_1 23729	28.89 2.29 0.00	25.93 1.88 0.00	24.08 1.70 0.00	22.43 1.68 0.00	22.01 1.57 0.00	23.14 1.35 0.00	25.45 1.55 0.00	28.28 2.10 0.00	32.40 2.37 0.00	34.86 3.05 -0.01	36.75 3.19 -0.01	38.63 3.32 -0.01	42.20 3.87 -0.01	50.26 4.26 -5.03	49.96 4.41 -1.41	63.07 5.84 -3.68	80.06 6.52 -15.36	86.98 7.28 -17.94	71.25 6.00 -7.51	57.30 4.65 -2.69	46.66 3.28 -1.31	41.44 3.31 -0.01	38.33 3.03 -0.91	34.03 2.87 -0.25
RAVENSWOOD_GT_10 24258	28.76 2.15 0.00	25.81 1.76 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.95 1.51 0.00	23.14 1.35 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.34 2.31 0.00	34.66 2.86 0.00	36.60 3.05 0.00	38.45 3.14 0.00	42.04 3.72 0.00	45.11 4.14 0.00	48.46 4.32 0.00	59.76 5.84 -0.37	77.75 6.58 -12.99	78.48 7.35 -9.37	72.31 6.18 -8.40	60.40 4.85 -5.59	46.82 3.45 -1.30	41.36 3.24 0.00	37.24 2.85 0.00	33.16 2.26 0.00
RAVENSWOOD_GT_11 24259	28.76 2.15 0.00	25.81 1.75 0.00	24.02 1.63 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.12 1.33 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.53 2.98 0.00	38.41 3.11 0.00	42.04 3.72 0.00	45.07 4.10 0.00	48.46 4.33 0.00	59.76 5.84 -0.37	77.75 6.57 -12.99	78.47 7.35 -9.37	72.25 6.12 -8.40	60.35 4.80 -5.59	46.77 3.41 -1.30	41.36 3.24 0.00	37.24 2.85 0.00	33.59 2.69 0.00

RAVENSWOOD_GT_4 24252	28.73 2.13 0.00	25.81 1.76 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.95 1.51 0.00	23.14 1.35 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.34 2.31 0.00	34.65 2.86 0.01	36.60 3.05 0.01	38.44 3.14 0.01	42.01 3.68 -0.01	48.93 4.14 -3.83	49.53 4.32 -1.08	62.28 5.84 -2.89	79.61 6.63 -14.79	85.06 7.41 -15.90	71.70 6.24 -7.73	58.24 4.90 -3.38	46.86 3.49 -1.31	41.33 3.20 -0.01	37.89 2.82 -0.68	33.34 2.26 -0.18
RAVENSWOOD_GT_5 24254	28.73 2.13 0.00	25.81 1.76 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.95 1.51 0.00	23.14 1.35 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.34 2.31 0.00	34.65 2.86 0.01	36.60 3.05 0.01	38.44 3.14 0.01	42.01 3.68 -0.01	48.93 4.14 -3.83	49.53 4.32 -1.08	62.28 5.84 -2.89	79.61 6.63 -14.79	85.06 7.41 -15.90	71.70 6.24 -7.73	58.24 4.90 -3.38	46.86 3.49 -1.31	41.33 3.20 -0.01	37.89 2.82 -0.68	33.34 2.26 -0.18
RAVENSWOOD_GT_6 24253	28.73 2.13 0.00	25.81 1.76 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.95 1.51 0.00	23.14 1.35 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.34 2.31 0.00	34.65 2.86 0.01	36.60 3.05 0.01	38.44 3.14 0.01	42.01 3.68 -0.01	48.93 4.14 -3.83	49.53 4.32 -1.08	62.28 5.84 -2.89	79.61 6.63 -14.79	85.06 7.41 -15.90	71.70 6.24 -7.73	58.24 4.90 -3.38	46.86 3.49 -1.31	41.33 3.20 -0.01	37.89 2.82 -0.68	33.34 2.26 -0.18
RAVENSWOOD_GT_7 24255	28.73 2.13 0.00	25.81 1.76 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.95 1.51 0.00	23.14 1.35 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.34 2.31 0.00	34.65 2.86 0.01	36.60 3.05 0.01	38.44 3.14 0.01	42.01 3.68 -0.01	48.93 4.14 -3.83	49.53 4.32 -1.08	62.28 5.84 -2.89	79.61 6.63 -14.79	85.06 7.41 -15.90	71.70 6.24 -7.73	58.24 4.90 -3.38	46.86 3.49 -1.31	41.33 3.20 -0.01	37.89 2.82 -0.68	33.34 2.26 -0.18
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.76 2.15 0.00	25.81 1.76 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.95 1.51 0.00	23.14 1.35 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.34 2.31 0.00	34.66 2.86 0.00	36.60 3.05 0.00	38.45 3.14 0.00	42.04 3.72 0.00	45.11 4.14 0.00	48.46 4.32 0.00	59.76 5.84 -0.37	77.75 6.58 -12.99	78.48 7.35 -9.37	72.31 6.18 -8.40	60.40 4.85 -5.59	46.82 3.45 -1.30	41.36 3.24 0.00	37.24 2.85 0.00	33.16 2.26 0.00
RAVENSWOOD_GT_9 24257	28.76 2.15 0.00	25.81 1.75 0.00	24.02 1.63 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.12 1.33 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.53 2.98 0.00	38.41 3.11 0.00	42.04 3.72 0.00	45.07 4.10 0.00	48.46 4.33 0.00	59.76 5.84 -0.37	77.75 6.57 -12.99	78.47 7.35 -9.37	72.25 6.12 -8.40	60.35 4.80 -5.59	46.77 3.41 -1.30	41.36 3.24 0.00	37.24 2.85 0.00	33.59 2.69 0.00
RAVENSWOOD___1 23533	28.86 2.26 0.00	25.90 1.85 0.00	24.06 1.68 0.00	22.43 1.68 0.00	21.99 1.55 0.00	23.12 1.33 0.00	25.43 1.53 0.00	28.26 2.07 0.00	32.37 2.34 0.00	34.83 3.02 -0.01	36.71 3.15 -0.01	38.60 3.28 -0.01	42.19 3.87 0.00	45.19 4.22 0.00	48.50 4.37 0.00	59.76 5.84 -0.37	77.69 6.52 -12.99	77.47 7.28 -8.43	70.00 5.95 -6.32	53.38 4.59 1.18	46.61 3.24 -1.30	41.40 3.28 0.00	37.42 3.03 -0.01	33.75 2.84 -0.01
RAVENSWOOD___2 23534	28.81 2.21 0.00	25.83 1.78 0.00	24.02 1.63 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.06 1.26 0.00	25.38 1.48 0.00	28.18 1.99 0.00	32.28 2.25 0.00	34.73 2.92 -0.01	36.61 3.05 -0.01	38.52 3.21 -0.01	42.08 3.76 0.00	44.90 3.93 0.00	48.10 3.97 0.00	59.28 5.35 -0.37	77.17 5.99 -12.99	76.91 6.73 -8.42	69.44 5.43 -6.28	52.83 4.14 1.28	46.31 2.94 -1.30	41.32 3.20 0.00	37.36 2.96 -0.01	33.69 2.78 -0.01
RAVENSWOOD___3 23535	28.76 2.15 0.00	25.83 1.78 0.00	24.02 1.63 0.00	22.37 1.62 0.00	21.95 1.51 0.00	23.12 1.33 0.00	25.43 1.53 0.00	28.13 1.94 0.00	32.28 2.25 0.00	34.66 2.86 0.00	36.53 2.98 0.00	38.41 3.11 0.00	42.04 3.72 0.00	45.07 4.10 0.00	48.46 4.33 0.00	59.76 5.84 -0.37	77.75 6.57 -12.99	78.47 7.35 -9.37	72.20 6.06 -8.40	60.35 4.80 -5.59	46.73 3.37 -1.30	41.36 3.24 0.00	37.24 2.85 0.00	33.62 2.72 0.00
RAVENSWOOD___4 23820	28.84 2.23 0.00	25.88 1.83 0.00	24.04 1.66 0.00	22.41 1.66 0.00	21.97 1.53 0.00	23.10 1.31 0.00	25.41 1.51 0.00	28.23 2.04 0.00	32.34 2.31 0.00	34.79 2.99 -0.01	36.68 3.12 -0.01	38.60 3.28 -0.01	42.15 3.83 0.01	40.24 4.22 4.95	47.06 4.33 1.39	56.45 5.79 2.89	75.30 6.46 -10.66	68.03 7.22 0.95	68.73 5.89 -5.10	49.41 4.55 5.10	46.55 3.20 -1.29	41.39 3.28 0.01	36.50 2.99 0.88	33.48 2.81 0.23
RCPL_TRUST___DRP 24196	28.76 2.15 0.00	25.81 1.76 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.97 1.53 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.15 1.96 0.00	32.40 2.37 0.00	34.72 2.93 0.00	36.67 3.12 0.00	38.55 3.25 0.00	42.12 3.79 0.00	45.19 4.22 0.00	48.54 4.41 0.00	59.87 5.94 -0.37	77.93 6.75 -12.99	78.60 7.47 -9.37	72.49 6.35 -8.40	60.55 5.00 -5.59	46.90 3.53 -1.30	41.40 3.28 0.00	37.21 2.82 0.00	33.16 2.26 0.00
RED___ROCHESTER 323720	27.16 0.56 0.00	24.65 0.60 0.00	22.58 0.20 0.00	20.79 0.04 0.00	20.46 0.02 0.00	22.29 0.50 0.00	24.50 0.60 0.00	26.89 0.71 0.00	31.02 0.99 0.00	32.91 1.11 0.00	34.75 1.21 0.00	36.57 1.27 0.00	39.51 1.19 0.00	41.91 0.94 0.00	45.01 0.88 0.00	53.72 0.16 0.00	58.29 -0.52 -0.63	62.98 0.55 -0.67	58.83 0.17 -0.92	50.63 0.05 -0.61	42.84 0.63 -0.14	38.73 0.61 0.00	35.08 0.69 0.00	31.27 0.37 0.00
REGAN___SOLAR 323812	29.79 3.19 0.00	26.82 2.76 0.00	24.98 2.60 0.00	23.05 2.30 0.00	22.72 2.29 0.00	24.23 2.44 0.00	26.67 2.77 0.00	29.12 2.93 0.00	33.21 3.18 0.00	35.20 3.40 0.00	38.01 4.46 0.00	39.93 4.62 0.00	43.73 5.40 0.00	46.70 5.74 0.00	50.44 6.31 0.00	60.65 7.39 0.30	73.31 6.92 -8.20	89.16 8.21 -19.19	92.46 8.20 -26.53	74.52 6.90 -17.66	52.57 6.39 -4.11	43.57 5.45 0.00	38.69 4.30 0.00	34.49 3.58 0.00
RENSSELAER___COGEN 23796	27.29 0.69 0.00	24.65 0.60 0.00	23.05 0.67 0.00	21.35 0.60 0.00	21.03 0.59 0.00	22.31 0.52 0.00	24.35 0.45 0.00	26.66 0.47 0.00	30.57 0.54 0.00	32.59 0.80 0.00	34.49 0.94 0.00	36.33 1.02 0.00	39.28 0.96 0.00	42.08 1.11 0.00	45.32 1.19 0.00	54.71 1.55 0.40	66.84 1.86 -6.79	76.76 2.10 -12.90	77.24 1.68 -17.83	63.33 1.50 -11.87	45.97 1.14 -2.77	39.15 1.03 0.00	35.35 0.96 0.00	31.80 0.90 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.03 3.43 0.00	27.01 2.96 0.00	25.25 2.86 0.00	23.24 2.49 0.00	22.93 2.49 0.00	24.43 2.64 0.00	26.79 2.89 0.00	29.38 3.19 0.00	33.66 3.63 0.00	35.96 4.17 0.00	38.61 5.07 0.00	40.81 5.51 0.00	44.65 6.32 0.00	47.65 6.68 0.00	51.37 7.24 0.00	61.21 8.09 0.44	74.43 9.14 -7.10	92.05 10.00 -20.29	96.06 10.28 -28.05	76.98 8.34 -18.67	53.99 7.57 -4.35	44.56 6.44 0.00	39.45 5.06 0.00	35.07 4.17 0.00

REVERE_CPDR_DRP 24186	27.51 0.90 0.00	24.85 0.79 0.00	23.05 0.67 0.00	21.29 0.54 0.00	20.97 0.53 0.00	22.40 0.61 0.00	24.64 0.74 0.00	26.92 0.73 0.00	30.87 0.84 0.00	32.85 1.05 0.00	34.82 1.27 0.00	36.65 1.34 0.00	39.74 1.42 0.00	42.40 1.43 0.00	45.59 1.46 0.00	55.06 1.50 0.00	60.19 1.75 -0.26	64.04 2.29 0.00	59.81 2.08 0.00	51.86 1.90 0.00	43.79 1.72 0.00	39.68 1.56 0.00	35.66 1.27 0.00	31.95 1.05 0.00
REYNOLDS_115KV_TB3 80639	27.48 0.88 0.00	24.82 0.77 0.00	23.21 0.83 0.00	21.51 0.77 0.00	21.19 0.76 0.00	22.47 0.68 0.00	24.55 0.65 0.00	26.87 0.68 0.00	30.84 0.81 0.00	32.81 1.02 0.00	34.72 1.17 0.00	36.58 1.27 0.00	39.67 1.34 0.00	42.53 1.56 0.00	45.81 1.68 0.00	55.16 2.09 0.48	67.47 2.50 -6.78	78.37 2.78 -13.84	79.18 2.31 -19.13	64.75 2.05 -12.73	46.63 1.60 -2.97	39.49 1.37 0.00	35.56 1.17 0.00	31.83 0.93 0.00
RIVERBAY____ 323610	29.32 2.71 -0.01	26.30 2.24 -0.01	24.45 2.06 -0.01	22.79 2.03 -0.01	22.34 1.90 -0.01	23.49 1.70 0.00	25.67 1.77 0.00	28.66 2.46 -0.01	32.70 2.67 0.00	35.11 3.31 -0.01	37.28 3.72 -0.01	39.05 3.74 -0.01	43.01 4.68 -0.01	46.10 5.12 -0.01	49.43 5.30 -0.01	60.47 6.53 -0.38	78.40 7.22 -13.00	79.22 8.09 -9.38	73.01 6.87 -8.41	60.99 5.45 -5.59	47.07 3.70 -1.30	41.85 3.74 0.00	37.77 3.37 -0.01	33.75 2.84 -0.01
RIVERSDE_115KV_TB3 55908	27.45 0.85 0.00	24.77 0.72 0.00	23.17 0.78 0.00	21.47 0.73 0.00	21.15 0.72 0.00	22.40 0.61 0.00	24.50 0.60 0.00	26.82 0.63 0.00	30.78 0.75 0.00	32.78 0.99 0.00	34.72 1.17 0.00	36.58 1.27 0.00	39.63 1.30 0.00	42.48 1.52 0.00	45.76 1.63 0.00	55.15 2.04 0.45	67.39 2.39 -6.81	78.37 2.66 -13.96	79.28 2.25 -19.30	64.76 1.95 -12.84	46.57 1.51 -2.99	39.45 1.33 0.00	35.52 1.13 0.00	31.77 0.87 0.00
ROARING__BROOK_WT_PWR 323790	25.72 -0.88 0.00	23.43 -0.63 0.00	21.93 -0.45 0.00	20.41 -0.33 0.00	20.17 -0.27 0.00	21.51 -0.28 0.00	23.64 -0.26 0.00	25.98 -0.21 0.00	29.88 -0.15 0.00	31.67 -0.13 0.00	33.38 -0.17 0.00	35.02 -0.28 0.00	37.98 -0.35 0.00	40.56 -0.41 0.00	43.78 -0.35 0.00	53.18 -0.37 0.00	57.95 -0.23 0.00	61.82 0.06 0.00	57.73 0.00 0.00	49.96 0.00 0.00	42.06 0.00 0.00	38.12 0.00 0.00	34.36 -0.03 0.00	30.84 -0.06 0.00
ROCHESRG_115KV_T4 355643	26.81 0.21 0.00	24.32 0.26 0.00	22.31 -0.07 0.00	20.46 -0.29 0.00	20.21 -0.22 0.00	22.03 0.24 0.00	24.21 0.31 0.00	26.55 0.37 0.00	30.48 0.45 0.00	32.43 0.64 0.00	34.15 0.60 0.00	35.87 0.56 0.00	38.94 0.61 0.00	41.21 0.25 0.00	44.22 0.09 0.00	53.07 -0.48 0.00	57.53 -1.28 -0.62	62.05 -0.37 -0.66	57.95 -0.69 -0.91	49.87 -0.70 -0.61	42.08 -0.13 -0.14	38.16 0.04 0.00	34.60 0.21 0.00	31.03 0.12 0.00
ROCHESTER_9_IC 23652	27.00 0.40 0.00	24.51 0.46 0.00	22.45 0.07 0.00	20.58 -0.17 0.00	20.33 -0.10 0.00	22.18 0.39 0.00	24.38 0.48 0.00	26.74 0.55 0.00	30.69 0.66 0.00	32.69 0.89 0.00	34.42 0.87 0.00	36.15 0.85 0.00	39.24 0.92 0.00	41.54 0.57 0.00	44.57 0.44 0.00	53.45 -0.11 0.00	57.94 -0.87 -0.63	62.49 0.06 -0.67	58.37 -0.29 -0.92	50.23 -0.35 -0.61	42.42 0.21 -0.14	38.46 0.34 0.00	34.84 0.45 0.00	31.24 0.34 0.00
ROCKVIEW_13_KV_LD 356306	28.68 2.07 0.00	25.76 1.71 0.00	23.99 1.61 0.00	22.34 1.60 0.00	21.93 1.49 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.13 1.94 0.00	32.37 2.34 0.00	34.63 2.83 0.00	36.63 3.09 0.00	38.52 3.21 0.00	42.12 3.79 0.00	45.19 4.22 0.00	48.63 4.50 0.00	59.87 5.94 -0.37	78.04 6.87 -12.99	78.66 7.53 -9.37	72.55 6.41 -8.40	60.70 5.15 -5.59	47.07 3.70 -1.30	41.43 3.32 0.00	37.24 2.85 0.00	33.16 2.26 0.00
ROME____115KV_TB2 80656	27.51 0.90 0.00	24.85 0.79 0.00	23.05 0.67 0.00	21.29 0.54 0.00	20.97 0.53 0.00	22.40 0.61 0.00	24.64 0.74 0.00	26.92 0.73 0.00	30.87 0.84 0.00	32.85 1.05 0.00	34.82 1.27 0.00	36.65 1.34 0.00	39.74 1.42 0.00	42.40 1.43 0.00	45.59 1.46 0.00	55.06 1.50 0.00	60.19 1.75 -0.26	64.04 2.29 0.00	59.81 2.08 0.00	51.86 1.90 0.00	43.79 1.72 0.00	39.68 1.56 0.00	35.66 1.27 0.00	31.95 1.05 0.00
ROSETON__1 23587	28.12 1.52 0.00	25.33 1.27 0.00	23.61 1.23 0.00	21.95 1.20 0.00	21.56 1.12 0.00	22.82 1.02 0.00	25.05 1.15 0.00	27.52 1.33 0.00	31.56 1.53 0.00	33.77 1.97 0.00	35.66 2.11 0.00	37.53 2.23 0.00	40.93 2.61 0.00	43.84 2.87 0.00	47.17 3.04 0.00	57.96 4.07 -0.33	68.55 4.77 -5.59	73.04 5.25 -6.04	70.42 4.33 -8.35	59.02 3.50 -5.56	45.88 2.52 -1.29	40.44 2.33 0.00	36.38 1.99 0.00	32.82 1.92 0.00
ROSETON__2 23588	28.12 1.52 0.00	25.33 1.27 0.00	23.61 1.23 0.00	21.95 1.20 0.00	21.56 1.12 0.00	22.82 1.02 0.00	25.05 1.15 0.00	27.52 1.33 0.00	31.56 1.53 0.00	33.77 1.97 0.00	35.66 2.11 0.00	37.53 2.23 0.00	40.93 2.61 0.00	43.84 2.87 0.00	47.17 3.04 0.00	57.96 4.07 -0.33	68.55 4.77 -5.59	73.04 5.25 -6.04	70.42 4.33 -8.35	59.02 3.50 -5.56	45.88 2.52 -1.29	40.44 2.33 0.00	36.38 1.99 0.00	32.82 1.92 0.00
ROTTTRDAM_115KV_TB3 80664	27.75 1.14 0.00	25.04 0.99 0.00	23.39 1.01 0.00	21.66 0.91 0.00	21.33 0.90 0.00	22.66 0.87 0.00	24.83 0.93 0.00	27.23 1.05 0.00	31.23 1.20 0.00	33.23 1.43 0.00	35.19 1.64 0.00	37.07 1.77 0.00	40.32 1.99 0.00	43.18 2.21 0.00	46.51 2.38 0.00	56.10 2.89 0.35	68.76 3.32 -7.25	87.12 3.64 -21.72	91.06 3.29 -30.03	72.75 2.80 -19.99	49.03 2.31 -4.66	40.06 1.94 0.00	35.97 1.58 0.00	32.20 1.30 0.00
RUSSELL__1 23602	27.16 0.56 0.00	24.65 0.60 0.00	22.58 0.20 0.00	20.71 -0.04 0.00	20.44 0.00 0.00	22.29 0.50 0.00	24.50 0.60 0.00	26.89 0.71 0.00	30.90 0.87 0.00	32.91 1.11 0.00	34.66 1.11 0.00	36.40 1.09 0.00	39.51 1.19 0.00	41.83 0.86 0.00	44.88 0.75 0.00	53.77 0.21 0.00	58.29 -0.52 -0.63	62.86 0.43 -0.67	58.71 0.06 -0.92	50.58 0.00 -0.61	42.75 0.55 -0.14	38.73 0.61 0.00	35.08 0.69 0.00	31.43 0.53 0.00
RUSSELL__2 23532	27.16 0.56 0.00	24.65 0.60 0.00	22.58 0.20 0.00	20.71 -0.04 0.00	20.44 0.00 0.00	22.29 0.50 0.00	24.50 0.60 0.00	26.89 0.71 0.00	30.90 0.87 0.00	32.91 1.11 0.00	34.66 1.11 0.00	36.40 1.09 0.00	39.51 1.19 0.00	41.83 0.86 0.00	44.88 0.75 0.00	53.77 0.21 0.00	58.29 -0.52 -0.63	62.86 0.43 -0.67	58.71 0.06 -0.92	50.58 0.00 -0.61	42.75 0.55 -0.14	38.73 0.61 0.00	35.08 0.69 0.00	31.43 0.53 0.00
RUSSELL__3 23549	27.16 0.56 0.00	24.65 0.60 0.00	22.58 0.20 0.00	20.71 -0.04 0.00	20.44 0.00 0.00	22.29 0.50 0.00	24.50 0.60 0.00	26.89 0.71 0.00	30.90 0.87 0.00	32.91 1.11 0.00	34.66 1.11 0.00	36.40 1.09 0.00	39.51 1.19 0.00	41.83 0.86 0.00	44.88 0.75 0.00	53.77 0.21 0.00	58.29 -0.52 -0.63	62.86 0.43 -0.67	58.71 0.06 -0.92	50.58 0.00 -0.61	42.75 0.55 -0.14	38.73 0.61 0.00	35.08 0.69 0.00	31.43 0.53 0.00

RUSSELL___4 23556	27.16 0.56 0.00	24.65 0.60 0.00	22.58 0.20 0.00	20.71 -0.04 0.00	20.44 0.00 0.00	22.29 0.50 0.00	24.50 0.60 0.00	26.89 0.71 0.00	30.90 0.87 0.00	32.91 1.11 0.00	34.66 1.11 0.00	36.40 1.09 0.00	39.51 1.19 0.00	41.83 0.86 0.00	44.88 0.75 0.00	53.77 0.21 0.00	58.29 -0.52 -0.63	62.86 0.43 -0.67	58.71 0.06 -0.92	50.58 0.00 -0.61	42.75 0.55 -0.14	38.73 0.61 0.00	35.08 0.69 0.00	31.43 0.53 0.00
RUSSELL___STATION 23914	27.16 0.56 0.00	24.65 0.60 0.00	22.58 0.20 0.00	20.71 -0.04 0.00	20.44 0.00 0.00	22.29 0.50 0.00	24.50 0.60 0.00	26.89 0.71 0.00	30.90 0.87 0.00	32.91 1.11 0.00	34.66 1.11 0.00	36.40 1.09 0.00	39.51 1.19 0.00	41.83 0.86 0.00	44.88 0.75 0.00	53.77 0.21 0.00	58.29 -0.52 -0.63	62.86 0.43 -0.67	58.71 0.06 -0.92	50.58 0.00 -0.61	42.75 0.55 -0.14	38.73 0.61 0.00	35.08 0.69 0.00	31.43 0.53 0.00
S SALMON___HYD 24043	26.42 -0.18 0.00	23.91 -0.14 0.00	22.16 -0.22 0.00	20.50 -0.25 0.00	20.19 -0.24 0.00	21.64 -0.15 0.00	23.76 -0.14 0.00	25.95 -0.24 0.00	29.82 -0.21 0.00	31.54 -0.26 0.00	33.32 -0.23 0.00	34.99 -0.32 0.00	37.98 -0.35 0.00	40.48 -0.49 0.00	43.56 -0.57 0.00	52.54 -1.02 0.00	57.22 -1.34 -0.37	60.65 -1.11 0.00	56.70 -1.04 0.00	49.16 -0.80 0.00	41.56 -0.50 0.00	37.85 -0.26 0.00	34.15 -0.24 0.00	30.65 -0.25 0.00
S.PERRY___115KV_TB1 80734	27.90 1.30 0.00	25.30 1.25 0.00	23.14 0.76 0.00	21.25 0.50 0.00	21.01 0.57 0.00	22.99 1.20 0.00	25.17 1.27 0.00	27.39 1.20 0.00	30.45 0.42 0.00	32.27 0.48 0.00	33.82 0.27 0.00	35.76 0.46 0.00	38.78 0.46 0.00	39.66 -1.31 0.00	42.41 -1.72 0.00	51.57 -1.98 0.00	56.21 -2.85 -0.88	61.34 -1.42 -1.00	57.85 -1.27 -1.38	49.83 -1.05 -0.92	42.07 -0.21 0.00	39.11 0.99 0.00	35.42 1.03 0.00	31.64 0.74 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.87 0.27 0.00	24.41 0.36 0.00	22.29 -0.09 0.00	20.33 -0.41 0.00	20.11 -0.33 0.00	22.18 0.39 0.00	24.40 0.50 0.00	26.68 0.50 0.00	30.57 0.54 0.00	32.56 0.76 0.00	34.32 0.77 0.00	35.98 0.67 0.00	39.05 0.73 0.00	41.17 0.20 0.00	44.13 0.00 0.00	52.81 -0.75 0.00	56.50 -2.50 -0.81	62.12 -0.56 -0.91	57.96 -1.04 -1.26	49.55 -1.25 -0.84	41.80 -0.46 -0.20	37.85 -0.27 0.00	34.56 0.17 0.00	31.24 0.34 0.00
SAWYER___23_KV_LOAD 55526	26.87 0.27 0.00	24.41 0.36 0.00	22.29 -0.09 0.00	20.33 -0.41 0.00	20.11 -0.33 0.00	22.18 0.39 0.00	24.40 0.50 0.00	26.68 0.50 0.00	30.57 0.54 0.00	32.56 0.76 0.00	34.32 0.77 0.00	35.98 0.67 0.00	39.05 0.73 0.00	41.17 0.20 0.00	44.13 0.00 0.00	52.81 -0.75 0.00	56.50 -2.50 -0.81	62.12 -0.56 -0.91	57.96 -1.04 -1.26	49.55 -1.25 -0.84	41.80 -0.46 -0.20	37.85 -0.27 0.00	34.56 0.17 0.00	31.24 0.34 0.00
SELKIRK___I 23801	27.61 1.01 0.00	24.94 0.89 0.00	23.32 0.94 0.00	21.60 0.85 0.00	21.27 0.84 0.00	22.58 0.78 0.00	24.66 0.76 0.00	26.97 0.78 0.00	30.93 0.90 0.00	32.94 1.14 0.00	34.89 1.34 0.00	36.72 1.41 0.00	39.63 1.30 0.00	42.44 1.47 0.00	45.72 1.59 0.00	55.21 1.93 0.27	67.07 2.15 -6.73	75.23 2.41 -11.07	75.11 2.08 -15.30	62.04 1.90 -10.18	45.99 1.56 -2.37	39.49 1.37 0.00	35.73 1.34 0.00	32.14 1.24 0.00
SELKIRK___II 23799	27.40 0.80 0.00	24.75 0.70 0.00	23.14 0.76 0.00	21.43 0.68 0.00	21.11 0.67 0.00	22.40 0.61 0.00	24.50 0.60 0.00	26.79 0.60 0.00	30.72 0.69 0.00	32.75 0.95 0.00	34.65 1.11 0.00	36.47 1.16 0.00	39.24 0.92 0.00	42.03 1.06 0.00	45.28 1.15 0.00	54.74 1.50 0.31	66.68 1.69 -6.81	75.21 1.92 -11.54	75.19 1.50 -15.95	62.03 1.45 -10.62	45.63 1.09 -2.47	39.07 0.95 0.00	35.49 1.10 0.00	31.92 1.02 0.00
SENECA OSWGO___HYD 24041	26.23 -0.37 0.00	23.74 -0.31 0.00	22.00 -0.38 0.00	20.37 -0.37 0.00	20.07 -0.37 0.00	21.51 -0.28 0.00	23.59 -0.31 0.00	25.82 -0.37 0.00	29.64 -0.39 0.00	31.38 -0.41 0.00	33.15 -0.40 0.00	34.81 -0.49 0.00	37.83 -0.50 0.00	40.36 -0.61 0.00	43.47 -0.66 0.00	52.48 -1.07 0.00	57.32 -1.28 -0.41	60.71 -1.05 0.00	56.58 -1.15 0.00	48.96 -1.00 0.00	41.35 -0.72 0.00	37.55 -0.57 0.00	33.87 -0.51 0.00	30.41 -0.50 0.00
SENECA___115KV_TB3 355854	27.16 0.56 0.00	24.65 0.60 0.00	22.52 0.13 0.00	20.56 -0.19 0.00	20.35 -0.08 0.00	22.42 0.63 0.00	24.66 0.76 0.00	27.00 0.81 0.00	30.93 0.90 0.00	33.00 1.21 0.00	34.79 1.24 0.00	36.50 1.20 0.00	39.63 1.30 0.00	41.83 0.86 0.00	44.79 0.66 0.00	53.66 0.11 0.00	57.18 -1.86 -0.85	63.15 0.43 -0.96	58.89 -0.17 -1.33	50.30 -0.55 -0.89	42.35 0.08 -0.21	38.35 0.23 0.00	35.01 0.62 0.00	31.58 0.68 0.00
SENECA___ENERGY 23797	26.81 0.21 0.00	24.12 0.07 0.00	22.25 -0.13 0.00	20.56 -0.19 0.00	20.27 -0.16 0.00	21.90 0.11 0.00	24.07 0.17 0.00	26.45 0.26 0.00	30.33 0.30 0.00	32.18 0.38 0.00	34.08 0.54 0.00	35.76 0.46 0.00	38.79 0.46 0.00	41.34 0.37 0.00	44.44 0.31 0.00	53.50 -0.05 0.00	58.67 -0.17 -0.66	63.09 0.62 -0.72	59.07 0.35 -0.99	50.82 0.20 -0.66	42.60 0.38 -0.15	38.54 0.42 0.00	34.73 0.34 0.00	31.09 0.19 0.00
SHOEMAKER___GT 23640	27.96 1.36 0.00	25.18 1.13 0.00	23.46 1.07 0.00	21.78 1.04 0.00	21.40 0.96 0.00	22.66 0.87 0.00	24.93 1.03 0.00	27.26 1.07 0.00	31.29 1.26 0.00	33.42 1.62 0.00	35.29 1.74 0.00	37.17 1.87 0.00	40.55 2.22 0.00	43.47 2.50 0.00	46.78 2.65 0.00	57.43 3.59 -0.29	67.34 4.19 -4.96	71.84 4.69 -5.39	69.06 3.87 -7.45	58.07 3.15 -4.96	45.53 2.31 -1.16	40.25 2.13 0.00	36.18 1.79 0.00	32.57 1.67 0.00
SHOEMAKR_138KV_BK 111 55601	27.93 1.33 0.00	25.16 1.11 0.00	23.43 1.05 0.00	21.78 1.04 0.00	21.40 0.96 0.00	22.66 0.87 0.00	24.90 1.00 0.00	27.29 1.10 0.00	31.32 1.29 0.00	33.45 1.65 0.00	35.36 1.81 0.00	37.25 1.94 0.00	40.59 2.26 0.00	43.55 2.58 0.00	46.87 2.74 0.00	57.43 3.59 -0.29	67.35 4.25 -4.91	71.79 4.69 -5.34	69.05 3.93 -7.39	58.08 3.20 -4.92	45.52 2.31 -1.15	40.25 2.13 0.00	36.18 1.79 0.00	32.29 1.39 0.00
SHOREHAM_IC_1 23715	36.03 2.93 -6.50	33.66 2.50 -7.11	29.47 2.33 -4.76	22.93 2.18 0.00	22.42 1.98 0.00	23.78 1.98 0.00	25.83 1.94 0.00	30.76 2.67 -1.90	33.01 2.85 -0.13	36.84 3.59 -1.45	39.98 3.55 -2.88	44.03 3.78 -4.95	57.54 4.41 -14.81	117.16 4.83 -71.36	130.48 5.20 -81.15	228.08 6.91 -167.61	268.79 7.04 -203.57	282.60 7.78 -213.06	239.67 6.75 -175.18	239.22 6.04 -183.22	124.75 4.46 -78.23	100.44 4.08 -58.24	45.96 3.68 -7.89	40.26 3.37 -5.99
SHOREHAM_IC_2 23716	36.03 2.93 -6.50	33.66 2.50 -7.11	29.47 2.33 -4.76	22.93 2.18 0.00	22.42 1.98 0.00	23.78 1.98 0.00	25.83 1.94 0.00	30.76 2.67 -1.90	33.01 2.85 -0.13	36.84 3.59 -1.45	39.98 3.55 -2.88	44.03 3.78 -4.95	57.54 4.41 -14.81	117.16 4.83 -71.36	130.48 5.20 -81.15	228.08 6.91 -167.61	268.79 7.04 -203.57	282.60 7.78 -213.06	239.67 6.75 -175.18	239.22 6.04 -183.22	124.75 4.46 -78.23	100.44 4.08 -58.24	45.96 3.68 -7.89	40.26 3.37 -5.99

SISSONVILLE____ 23735	26.28 -0.32 0.00	23.81 -0.24 0.00	22.18 -0.20 0.00	20.58 -0.17 0.00	20.25 -0.18 0.00	21.60 -0.20 0.00	23.76 -0.14 0.00	25.98 -0.21 0.00	29.58 -0.45 0.00	30.94 -0.86 0.00	32.34 -1.21 0.00	34.03 -1.27 0.00	36.83 -1.49 0.00	39.17 -1.80 0.00	42.23 -1.90 0.00	51.47 -2.09 0.00	55.63 -2.56 0.00	58.61 -3.15 0.00	55.37 -2.37 0.00	48.16 -1.80 0.00	40.72 -1.35 0.00	36.94 -1.18 0.00	34.01 -0.38 0.00	30.75 -0.15 0.00
SITHE_IND_GS1 24169	25.88 -0.72 0.00	23.43 -0.63 0.00	21.73 -0.65 0.00	20.14 -0.60 0.00	19.84 -0.59 0.00	21.23 -0.57 0.00	23.28 -0.62 0.00	25.51 -0.68 0.00	29.25 -0.78 0.00	30.97 -0.83 0.00	32.68 -0.87 0.00	34.35 -0.95 0.00	37.29 -1.03 0.00	39.78 -1.19 0.00	42.85 -1.28 0.00	51.84 -1.72 0.00	56.48 -2.04 -0.33	59.91 -1.85 0.00	55.83 -1.90 0.00	48.32 -1.65 0.00	40.80 -1.26 0.00	37.01 -1.11 0.00	33.43 -0.96 0.00	30.01 -0.90 0.00
SITHE_IND_GS2 24170	25.88 -0.72 0.00	23.43 -0.63 0.00	21.73 -0.65 0.00	20.14 -0.60 0.00	19.84 -0.59 0.00	21.23 -0.57 0.00	23.28 -0.62 0.00	25.51 -0.68 0.00	29.25 -0.78 0.00	30.97 -0.83 0.00	32.68 -0.87 0.00	34.35 -0.95 0.00	37.29 -1.03 0.00	39.78 -1.19 0.00	42.85 -1.28 0.00	51.84 -1.72 0.00	56.48 -2.04 -0.33	59.91 -1.85 0.00	55.83 -1.90 0.00	48.32 -1.65 0.00	40.80 -1.26 0.00	37.01 -1.11 0.00	33.43 -0.96 0.00	30.01 -0.90 0.00
SITHE_IND_GS3 24171	25.88 -0.72 0.00	23.43 -0.63 0.00	21.73 -0.65 0.00	20.14 -0.60 0.00	19.84 -0.59 0.00	21.23 -0.57 0.00	23.28 -0.62 0.00	25.51 -0.68 0.00	29.25 -0.78 0.00	30.97 -0.83 0.00	32.68 -0.87 0.00	34.35 -0.95 0.00	37.29 -1.03 0.00	39.78 -1.19 0.00	42.85 -1.28 0.00	51.84 -1.72 0.00	56.48 -2.04 -0.33	59.91 -1.85 0.00	55.83 -1.90 0.00	48.32 -1.65 0.00	40.80 -1.26 0.00	37.01 -1.11 0.00	33.43 -0.96 0.00	30.01 -0.90 0.00
SITHE_IND_GS4 24172	25.88 -0.72 0.00	23.43 -0.63 0.00	21.73 -0.65 0.00	20.14 -0.60 0.00	19.84 -0.59 0.00	21.23 -0.57 0.00	23.28 -0.62 0.00	25.51 -0.68 0.00	29.25 -0.78 0.00	30.97 -0.83 0.00	32.68 -0.87 0.00	34.35 -0.95 0.00	37.29 -1.03 0.00	39.78 -1.19 0.00	42.85 -1.28 0.00	51.84 -1.72 0.00	56.48 -2.04 -0.33	59.91 -1.85 0.00	55.83 -1.90 0.00	48.32 -1.65 0.00	40.80 -1.26 0.00	37.01 -1.11 0.00	33.43 -0.96 0.00	30.01 -0.90 0.00
SITHE____BATAVIA 24024	27.45 0.85 0.00	24.99 0.94 0.00	22.79 0.40 0.00	20.95 0.21 0.00	20.62 0.18 0.00	22.64 0.85 0.00	24.88 0.98 0.00	27.21 1.02 0.00	31.56 1.53 0.00	33.45 1.65 0.00	35.46 1.91 0.00	37.32 2.01 0.00	40.16 1.84 0.00	42.44 1.47 0.00	45.50 1.37 0.00	54.04 0.48 0.00	57.98 -0.93 -0.72	63.23 0.68 -0.79	58.95 0.12 -1.10	50.64 -0.05 -0.73	42.95 0.71 -0.17	38.84 0.72 0.00	35.32 0.93 0.00	31.58 0.68 0.00
SITHE____INDEPEND 23800	25.88 -0.72 0.00	23.43 -0.63 0.00	21.73 -0.65 0.00	20.12 -0.62 0.00	19.84 -0.59 0.00	21.23 -0.57 0.00	23.28 -0.62 0.00	25.51 -0.68 0.00	29.22 -0.81 0.00	30.97 -0.83 0.00	32.68 -0.87 0.00	34.35 -0.95 0.00	37.29 -1.03 0.00	39.78 -1.19 0.00	42.85 -1.28 0.00	51.79 -1.77 0.00	56.48 -2.04 -0.33	59.84 -1.91 0.00	55.83 -1.91 0.00	48.31 -1.65 0.00	40.76 -1.30 0.00	37.01 -1.11 0.00	33.43 -0.96 0.00	29.98 -0.93 0.00
SITHE____MASSENA 23902	26.42 -0.18 0.00	23.91 -0.14 0.00	22.29 -0.09 0.00	20.64 -0.10 0.00	20.35 -0.08 0.00	21.68 -0.11 0.00	23.83 -0.07 0.00	26.08 -0.10 0.00	29.70 -0.33 0.00	31.19 -0.61 0.00	32.81 -0.74 0.00	34.60 -0.71 0.00	37.48 -0.84 0.00	40.03 -0.94 0.00	43.20 -0.93 0.00	52.64 -0.91 0.00	56.91 -1.28 0.00	59.97 -1.79 0.00	56.52 -1.22 0.00	49.06 -0.90 0.00	41.43 -0.63 0.00	37.47 -0.65 0.00	34.01 -0.38 0.00	30.62 -0.28 0.00
SITHE____OGDNSBRG 24021	26.68 0.08 0.00	24.17 0.12 0.00	22.52 0.13 0.00	20.89 0.15 0.00	20.52 0.08 0.00	21.88 0.09 0.00	24.07 0.17 0.00	26.29 0.10 0.00	29.91 -0.12 0.00	31.38 -0.41 0.00	32.98 -0.57 0.00	34.78 -0.53 0.00	37.60 -0.73 0.00	40.03 -0.94 0.00	43.29 -0.84 0.00	52.65 -0.91 0.00	56.96 -1.22 0.00	60.03 -1.73 0.00	56.70 -1.04 0.00	49.31 -0.65 0.00	41.73 -0.34 0.00	37.77 -0.34 0.00	34.42 0.03 0.00	31.18 0.28 0.00
SITHE____STERLING 23777	27.29 0.69 0.00	24.65 0.60 0.00	22.87 0.49 0.00	21.16 0.41 0.00	20.82 0.39 0.00	22.29 0.50 0.00	24.47 0.57 0.00	26.76 0.58 0.00	30.72 0.69 0.00	32.62 0.83 0.00	34.59 1.04 0.00	36.40 1.10 0.00	39.47 1.15 0.00	42.16 1.19 0.00	45.32 1.19 0.00	54.90 1.34 0.00	59.83 1.34 -0.30	63.61 1.85 0.00	59.41 1.68 0.00	51.46 1.50 0.00	43.45 1.39 0.00	39.34 1.22 0.00	35.39 1.00 0.00	31.70 0.80 0.00
SLEIGHT__34_KV_TB1 80719	27.32 0.72 0.00	24.75 0.70 0.00	22.78 0.40 0.00	21.04 0.29 0.00	20.76 0.33 0.00	22.45 0.65 0.00	24.66 0.76 0.00	27.18 1.00 0.00	31.20 1.17 0.00	33.19 1.40 0.00	35.16 1.61 0.00	37.00 1.69 0.00	40.20 1.88 0.00	42.85 1.88 0.00	46.12 1.99 0.00	55.27 1.71 0.00	60.43 1.63 -0.62	64.70 2.29 -0.66	60.55 1.91 -0.92	52.12 1.55 -0.61	43.72 1.51 -0.14	39.57 1.45 0.00	35.59 1.20 0.00	31.77 0.87 0.00
SOUTH CAIRO____GT 23612	28.17 1.57 0.00	25.35 1.30 0.00	23.68 1.30 0.00	21.89 1.14 0.00	21.50 1.06 0.00	22.84 1.05 0.00	25.14 1.24 0.00	27.18 0.99 0.00	31.14 1.11 0.00	33.19 1.40 0.00	35.33 1.78 0.00	37.28 1.98 0.00	40.16 1.84 0.00	43.22 2.25 0.00	46.56 2.43 0.00	56.58 3.21 0.19	67.67 3.02 -6.46	75.76 3.58 -10.42	75.61 3.46 -14.41	62.70 3.15 -9.59	47.07 2.78 -2.23	40.63 2.52 0.00	36.69 2.30 0.00	32.85 1.95 0.00
SOUTH HAMPTN____IC 23720	36.74 3.64 -6.50	34.29 3.13 -7.11	30.05 2.91 -4.76	23.44 2.70 0.00	22.91 2.47 0.00	24.32 2.53 0.00	26.46 2.56 0.00	31.49 3.40 -1.90	33.94 3.78 -0.13	37.92 4.68 -1.45	41.16 4.80 -2.82	45.09 5.15 -4.63	59.03 5.90 -14.81	116.72 6.43 -69.32	128.46 6.93 -77.40	220.51 8.99 -157.96	255.30 9.77 -187.34	270.32 10.50 -198.06	228.76 9.41 -161.62	229.25 7.84 -171.44	121.18 5.89 -73.23	99.41 5.38 -55.91	47.17 4.81 -7.96	41.25 4.33 -6.02
SOUTHDOW_115KV_TB1 355954	27.72 1.12 0.00	25.13 1.08 0.00	22.96 0.58 0.00	21.12 0.37 0.00	20.89 0.45 0.00	23.06 1.26 0.00	25.41 1.51 0.00	27.94 1.75 0.00	31.83 1.80 0.00	34.05 2.26 0.00	35.93 2.38 0.00	37.60 2.29 0.00	40.85 2.53 0.00	43.14 2.17 0.00	46.16 2.03 0.00	55.32 1.77 0.00	58.76 -0.35 -0.92	65.28 2.47 -1.06	60.81 1.62 -1.46	51.73 0.80 -0.97	43.47 1.18 -0.23	39.57 1.45 0.00	36.04 1.65 0.00	32.36 1.45 0.00
SOUTHOLD_69_KV_BK 2 55809	37.49 4.39 -6.50	34.96 3.80 -7.11	30.68 3.54 -4.76	23.98 3.24 0.00	23.42 2.98 0.00	24.91 3.12 0.00	27.08 3.18 0.00	32.25 4.16 -1.90	35.02 4.86 -0.13	39.04 5.79 -1.45	42.51 6.14 -2.82	46.51 6.57 -4.64	60.65 7.51 -14.81	99.24 8.19 -50.07	130.51 8.83 -77.56	223.05 11.03 -158.46	258.39 12.22 -187.99	272.24 11.80 -198.68	231.84 11.89 -162.21	231.38 9.79 -171.63	122.90 7.53 -73.30	100.84 6.78 -55.94	48.38 6.02 -7.97	41.90 4.98 -6.02

SOUTHOLD___IC 23719	37.49 4.39 -6.50	34.96 3.80 -7.11	30.68 3.54 -4.76	23.98 3.24 0.00	23.42 2.98 0.00	24.89 3.09 0.00	27.08 3.18 0.00	32.25 4.16 -1.90	34.87 4.71 -0.13	39.04 5.79 -1.45	42.47 6.11 -2.82	46.54 6.60 -4.64	60.65 7.51 -14.81	118.51 8.20 -69.34	130.47 8.78 -77.56	223.27 11.25 -158.46	258.40 12.22 -187.99	272.24 11.80 -198.68	231.78 11.83 -162.21	231.38 9.79 -171.63	122.85 7.49 -73.30	100.84 6.78 -55.94	48.38 6.02 -7.97	42.27 5.35 -6.02
SPIERFLS_115KV_TB 1 80737	28.09 1.49 0.00	25.30 1.25 0.00	23.66 1.28 0.00	21.85 1.10 0.00	21.54 1.10 0.00	22.88 1.09 0.00	25.07 1.17 0.00	27.50 1.31 0.00	31.50 1.47 0.00	33.54 1.75 0.00	35.49 1.95 0.00	37.39 2.08 0.00	40.66 2.34 0.00	43.47 2.50 0.00	46.87 2.74 0.00	56.39 3.27 0.43	69.15 3.84 -7.12	86.46 4.26 -20.44	90.49 4.50 -28.26	72.42 3.65 -18.81	49.85 3.41 -4.38	40.94 2.82 0.00	36.59 2.20 0.00	32.66 1.76 0.00
ST LAWRENCE____ 23600	26.07 -0.53 0.00	23.59 -0.46 0.00	21.98 -0.40 0.00	20.37 -0.37 0.00	20.09 -0.35 0.00	21.40 -0.39 0.00	23.49 -0.41 0.00	25.74 -0.45 0.00	29.46 -0.57 0.00	30.94 -0.86 0.00	32.57 -0.97 0.00	34.35 -0.95 0.00	37.21 -1.11 0.00	39.74 -1.23 0.00	42.90 -1.24 0.00	52.22 -1.34 0.00	56.62 -1.57 0.00	59.59 -2.16 0.00	56.23 -1.50 0.00	48.76 -1.20 0.00	41.10 -0.97 0.00	37.17 -0.95 0.00	33.67 -0.72 0.00	30.28 -0.62 0.00
STATE_CA_115KV_115_LB 55624	27.48 0.88 0.00	24.80 0.75 0.00	23.19 0.81 0.00	21.47 0.73 0.00	21.15 0.72 0.00	22.42 0.63 0.00	25.31 1.41 0.00	27.76 1.57 0.00	31.89 1.86 0.00	33.96 2.16 0.00	36.13 2.58 0.00	38.02 2.72 0.00	41.43 3.10 0.00	44.33 3.36 0.00	47.79 3.66 0.00	57.49 4.28 0.35	70.21 4.77 -7.25	88.73 5.25 -21.72	92.56 4.79 -30.03	73.90 3.95 -19.99	50.04 3.32 -4.66	39.53 1.41 0.00	35.63 1.24 0.00	31.83 0.93 0.00
STATE_ST_34_KV_LOAD 55959	27.11 0.51 0.00	24.53 0.48 0.00	22.65 0.27 0.00	20.95 0.21 0.00	20.66 0.22 0.00	22.23 0.44 0.00	24.40 0.50 0.00	26.82 0.63 0.00	30.78 0.75 0.00	32.65 0.86 0.00	34.29 0.74 0.00	36.08 0.78 0.00	39.21 0.88 0.00	41.83 0.86 0.00	45.01 0.88 0.00	54.63 1.07 0.00	59.88 1.05 -0.65	64.01 1.54 -0.71	59.99 1.27 -0.98	51.66 1.05 -0.65	43.23 1.01 -0.15	39.11 0.99 0.00	35.22 0.83 0.00	31.49 0.59 0.00
STATION 5_MISC_HYD 23604	27.00 0.40 0.00	24.51 0.46 0.00	22.45 0.07 0.00	20.69 -0.06 0.00	20.35 -0.08 0.00	22.18 0.39 0.00	24.38 0.48 0.00	26.74 0.55 0.00	30.84 0.81 0.00	32.68 0.89 0.00	34.52 0.97 0.00	36.33 1.02 0.00	39.24 0.92 0.00	41.62 0.65 0.00	44.70 0.57 0.00	53.40 -0.16 0.00	57.94 -0.87 -0.63	62.61 0.19 -0.67	58.48 -0.17 -0.92	50.33 -0.25 -0.61	42.54 0.33 -0.14	38.46 0.34 0.00	34.84 0.45 0.00	31.12 0.22 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.97 0.37 0.00	24.46 0.41 0.00	22.47 0.09 0.00	20.66 -0.08 0.00	20.39 -0.04 0.00	22.16 0.37 0.00	24.35 0.45 0.00	26.79 0.60 0.00	30.75 0.72 0.00	32.72 0.92 0.00	34.55 1.01 0.00	36.29 0.99 0.00	39.44 1.11 0.00	41.87 0.90 0.00	44.97 0.84 0.00	53.88 0.32 0.00	58.58 -0.23 -0.63	63.10 0.68 -0.67	59.00 0.35 -0.92	50.73 0.15 -0.61	42.75 0.55 -0.14	38.73 0.61 0.00	34.97 0.58 0.00	31.27 0.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.79 0.19 0.00	24.32 0.26 0.00	22.29 -0.09 0.00	20.46 -0.29 0.00	20.19 -0.25 0.00	22.01 0.22 0.00	24.19 0.29 0.00	26.55 0.37 0.00	30.48 0.45 0.00	32.50 0.70 0.00	34.25 0.70 0.00	35.98 0.67 0.00	39.05 0.73 0.00	41.38 0.41 0.00	44.44 0.31 0.00	53.23 -0.32 0.00	57.76 -1.05 -0.62	62.23 -0.19 -0.66	58.13 -0.52 -0.91	50.02 -0.55 -0.61	42.25 0.04 -0.14	38.27 0.15 0.00	34.63 0.24 0.00	31.03 0.12 0.00
STA_56___34_KV_BUS2 355983	26.79 0.19 0.00	24.32 0.26 0.00	22.29 -0.09 0.00	20.46 -0.29 0.00	20.19 -0.25 0.00	22.01 0.22 0.00	24.19 0.29 0.00	26.55 0.37 0.00	30.48 0.45 0.00	32.50 0.70 0.00	34.25 0.70 0.00	35.98 0.67 0.00	39.05 0.73 0.00	41.38 0.41 0.00	44.44 0.31 0.00	53.23 -0.32 0.00	57.76 -1.05 -0.62	62.23 -0.19 -0.66	58.13 -0.52 -0.91	50.02 -0.55 -0.61	42.25 0.04 -0.14	38.27 0.15 0.00	34.63 0.24 0.00	31.03 0.12 0.00
STA_67___115KV_BK2 355882	26.92 0.32 0.00	24.44 0.38 0.00	22.40 0.02 0.00	20.54 -0.21 0.00	20.29 -0.14 0.00	22.12 0.33 0.00	24.31 0.41 0.00	26.68 0.50 0.00	30.60 0.57 0.00	32.59 0.79 0.00	34.32 0.77 0.00	36.05 0.74 0.00	39.13 0.80 0.00	41.42 0.45 0.00	44.44 0.31 0.00	53.29 -0.27 0.00	57.77 -1.05 -0.63	62.30 -0.12 -0.67	58.25 -0.40 -0.92	50.13 -0.45 -0.61	42.29 0.08 -0.14	38.35 0.23 0.00	34.73 0.34 0.00	31.15 0.25 0.00
STA_7___115KV_9TRANS 80674	27.16 0.56 0.00	24.65 0.60 0.00	22.58 0.20 0.00	20.71 -0.04 0.00	20.44 0.00 0.00	22.29 0.50 0.00	24.50 0.60 0.00	26.89 0.71 0.00	30.90 0.87 0.00	32.91 1.11 0.00	34.66 1.11 0.00	36.40 1.09 0.00	39.51 1.19 0.00	41.83 0.86 0.00	44.88 0.75 0.00	53.77 0.21 0.00	58.29 -0.52 -0.63	62.86 0.43 -0.67	58.71 0.06 -0.92	50.58 0.00 -0.61	42.75 0.55 -0.14	38.73 0.61 0.00	35.08 0.69 0.00	31.43 0.53 0.00
STA_82___115KV_TB1 80780	26.95 0.35 0.00	24.46 0.41 0.00	22.43 0.04 0.00	20.56 -0.19 0.00	20.29 -0.14 0.00	22.14 0.35 0.00	24.33 0.43 0.00	26.71 0.52 0.00	30.63 0.60 0.00	32.62 0.83 0.00	34.35 0.81 0.00	36.08 0.78 0.00	39.13 0.80 0.00	41.46 0.49 0.00	44.48 0.35 0.00	53.34 -0.21 0.00	57.83 -0.99 -0.63	62.37 -0.06 -0.67	58.26 -0.40 -0.93	50.13 -0.45 -0.62	42.33 0.13 -0.14	38.38 0.27 0.00	34.77 0.38 0.00	31.18 0.28 0.00
STEEL___WIND 323596	27.13 0.53 0.00	24.65 0.60 0.00	22.49 0.11 0.00	20.69 -0.06 0.00	20.35 -0.08 0.00	22.40 0.61 0.00	24.64 0.74 0.00	26.97 0.78 0.00	31.08 1.05 0.00	32.97 1.18 0.00	34.92 1.38 0.00	36.72 1.41 0.00	39.59 1.26 0.00	41.83 0.86 0.00	44.83 0.70 0.00	53.56 0.00 0.00	57.06 -1.98 -0.85	63.21 0.49 -0.96	58.89 -0.17 -1.33	50.30 -0.55 -0.89	42.40 0.13 -0.21	38.35 0.23 0.00	34.97 0.58 0.00	31.37 0.46 0.00
STEPHTWN_115KV_BK_2 55603	27.72 1.12 0.00	24.99 0.94 0.00	23.34 0.96 0.00	21.60 0.85 0.00	21.27 0.84 0.00	22.58 0.78 0.00	24.71 0.81 0.00	27.08 0.89 0.00	31.08 1.05 0.00	33.10 1.30 0.00	35.19 1.64 0.00	37.07 1.77 0.00	40.05 1.72 0.00	42.85 1.88 0.00	46.16 2.03 0.00	55.56 2.41 0.40	67.77 2.79 -6.79	77.81 3.15 -12.90	78.34 2.77 -17.83	64.18 2.35 -11.87	46.72 1.89 -2.77	39.76 1.64 0.00	35.90 1.51 0.00	32.08 1.17 0.00
STEUBEN_REC_LFGE 323667	27.59 0.98 0.00	24.97 0.91 0.00	22.87 0.49 0.00	21.04 0.29 0.00	20.80 0.37 0.00	22.82 1.02 0.00	25.12 1.22 0.00	27.58 1.39 0.00	31.44 1.41 0.00	33.51 1.72 0.00	35.46 1.91 0.00	37.25 1.94 0.00	40.55 2.22 0.00	42.85 1.88 0.00	45.94 1.81 0.00	54.95 1.39 0.00	59.58 0.29 -1.10	65.41 2.35 -1.30	61.38 1.85 -1.80	52.41 1.25 -1.20	43.81 1.47 -0.28	39.72 1.60 0.00	35.90 1.51 0.00	32.14 1.24 0.00

STONY___BROOK 24151	36.21 3.11 -6.50	33.83 2.67 -7.11	29.63 2.48 -4.76	23.09 2.34 0.00	22.58 2.15 0.00	23.95 2.16 0.00	26.05 2.15 0.00	30.96 2.88 -1.90	33.31 3.15 -0.13	37.13 3.88 -1.46	40.47 3.76 -3.17	45.71 3.92 -6.48	57.47 4.33 -14.81	128.65 4.75 -82.93	139.16 4.99 -90.04	241.08 6.64 -180.88	313.03 7.39 -247.45	320.98 8.21 -251.01	270.96 7.04 -206.18	300.03 5.79 -244.28	150.58 4.29 -104.23	113.51 4.00 -71.40	45.11 3.78 -6.94	39.94 3.49 -5.54
STURGEON_POOL_HYD 23609	28.12 1.52 0.00	25.28 1.23 0.00	23.57 1.19 0.00	21.93 1.18 0.00	21.52 1.08 0.00	22.73 0.94 0.00	25.02 1.12 0.00	27.39 1.20 0.00	31.47 1.44 0.00	33.64 1.84 0.00	35.66 2.11 0.00	37.60 2.29 0.00	41.08 2.76 0.00	44.08 3.11 0.00	47.44 3.31 0.00	58.40 4.71 -0.13	68.98 5.12 -5.67	74.42 5.68 -6.98	72.00 4.62 -9.65	60.13 3.75 -6.42	46.17 2.61 -1.50	40.63 2.52 0.00	36.42 2.03 0.00	32.48 1.58 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.04 1.44 0.00	25.25 1.20 0.00	23.52 1.14 0.00	21.87 1.12 0.00	21.48 1.04 0.00	22.73 0.94 0.00	24.98 1.08 0.00	27.39 1.20 0.00	31.50 1.47 0.00	33.67 1.88 0.00	35.70 2.15 0.00	37.60 2.29 0.00	40.97 2.64 0.00	43.96 2.99 0.00	47.31 3.18 0.00	58.04 4.18 -0.30	68.13 4.83 -5.11	72.69 5.37 -5.56	69.86 4.45 -7.68	58.62 3.55 -5.11	45.82 2.57 -1.19	40.48 2.36 0.00	36.35 1.96 0.00	32.42 1.51 0.00
SWANROAD_115KV_TB1 355699	26.47 -0.13 0.00	24.08 0.02 0.00	21.98 -0.40 0.00	20.02 -0.73 0.00	19.86 -0.57 0.00	21.88 0.09 0.00	23.92 0.02 0.00	26.16 -0.03 0.00	29.94 -0.09 0.00	31.89 0.10 0.00	33.58 0.03 0.00	35.20 -0.11 0.00	38.17 -0.15 0.00	40.19 -0.78 0.00	43.03 -1.10 0.00	51.47 -2.09 0.00	55.13 -3.84 -0.78	60.53 -2.10 -0.87	56.34 -2.60 -1.20	48.37 -2.40 -0.80	40.82 -1.43 -0.19	36.97 -1.14 0.00	33.84 -0.55 0.00	30.78 -0.12 0.00
SYNERGY___BIOGAS 323694	27.45 0.85 0.00	24.99 0.94 0.00	22.79 0.40 0.00	20.95 0.21 0.00	20.62 0.18 0.00	22.64 0.85 0.00	24.88 0.98 0.00	27.21 1.02 0.00	31.56 1.53 0.00	33.45 1.65 0.00	35.46 1.91 0.00	37.32 2.01 0.00	40.16 1.84 0.00	42.44 1.47 0.00	45.50 1.37 0.00	54.04 0.48 0.00	57.98 -0.93 -0.72	63.23 0.68 -0.79	58.95 0.12 -1.10	50.64 -0.05 -0.73	42.95 0.71 -0.17	38.84 0.72 0.00	35.32 0.93 0.00	31.58 0.68 0.00
SYRACUSE___ENERGY_ST1 323597	26.63 0.03 0.00	24.10 0.05 0.00	22.31 -0.07 0.00	20.64 -0.10 0.00	20.35 -0.08 0.00	21.84 0.04 0.00	23.95 0.05 0.00	26.29 0.10 0.00	30.12 0.09 0.00	31.92 0.13 0.00	33.72 0.17 0.00	35.48 0.18 0.00	38.55 0.23 0.00	41.13 0.16 0.00	44.31 0.18 0.00	53.45 -0.11 0.00	58.54 -0.17 -0.52	61.88 0.12 0.00	57.62 -0.12 0.00	49.81 0.00 0.00	42.06 0.00 0.00	38.19 0.08 0.00	34.46 0.07 0.00	30.84 -0.06 0.00
SYRACUSE___ENERGY_ST2 323598	26.63 0.03 0.00	24.10 0.05 0.00	22.31 -0.07 0.00	20.64 -0.10 0.00	20.35 -0.08 0.00	21.84 0.04 0.00	23.95 0.05 0.00	26.29 0.10 0.00	30.12 0.09 0.00	31.92 0.13 0.00	33.72 0.17 0.00	35.48 0.18 0.00	38.55 0.23 0.00	41.13 0.16 0.00	44.31 0.18 0.00	53.45 -0.11 0.00	58.54 -0.17 -0.52	61.88 0.12 0.00	57.62 -0.12 0.00	49.81 -0.15 0.00	42.06 0.00 0.00	38.19 0.08 0.00	34.46 0.07 0.00	30.84 -0.06 0.00
SYRACUSE___POWER 24017	26.55 -0.05 0.00	24.03 -0.02 0.00	22.25 -0.13 0.00	20.58 -0.17 0.00	20.29 -0.14 0.00	21.77 -0.02 0.00	23.88 -0.02 0.00	26.21 0.03 0.00	30.03 0.00 0.00	31.86 0.06 0.00	33.65 0.10 0.00	35.41 0.11 0.00	38.48 0.15 0.00	41.09 0.12 0.00	44.22 0.09 0.00	53.39 -0.16 0.00	58.50 -0.23 -0.55	62.38 0.06 -0.56	58.39 -0.12 -0.77	50.28 -0.20 -0.52	42.14 -0.04 -0.12	38.16 0.04 0.00	34.39 0.00 0.00	30.78 -0.12 0.00
TALLMAN___138KV_BK151 55660	28.28 1.68 0.00	25.45 1.40 0.00	23.68 1.30 0.00	22.05 1.31 0.00	21.64 1.21 0.00	22.88 1.09 0.00	25.14 1.24 0.00	27.65 1.47 0.00	31.80 1.77 0.00	34.02 2.23 0.00	36.00 2.45 0.00	37.92 2.61 0.00	41.39 3.07 0.00	44.41 3.44 0.00	47.79 3.66 0.00	58.76 4.87 -0.33	69.13 5.64 -5.30	73.75 6.24 -5.75	70.88 5.20 -7.95	59.35 4.10 -5.29	46.20 2.90 -1.23	40.79 2.67 0.00	36.66 2.27 0.00	32.66 1.76 0.00
TEALLAVE_115KV_TB7 355573	26.47 -0.13 0.00	23.96 -0.10 0.00	22.18 -0.20 0.00	20.52 -0.23 0.00	20.23 -0.20 0.00	21.71 -0.09 0.00	23.80 -0.10 0.00	26.11 -0.08 0.00	29.94 -0.09 0.00	31.73 -0.06 0.00	33.55 0.00 0.00	35.27 -0.04 0.00	38.32 0.00 0.00	40.89 -0.08 0.00	44.04 -0.09 0.00	53.18 -0.37 0.00	58.12 -0.52 -0.46	61.51 -0.25 0.00	57.27 -0.46 0.00	49.51 -0.45 0.00	41.81 -0.25 0.00	37.96 -0.15 0.00	34.22 -0.17 0.00	30.66 -0.25 0.00
TELGRAPH_34_KV_EAST 80808	27.05 0.45 0.00	24.61 0.55 0.00	22.45 0.07 0.00	20.48 -0.27 0.00	20.29 -0.14 0.00	22.34 0.54 0.00	24.50 0.60 0.00	26.82 0.63 0.00	30.78 0.75 0.00	32.78 0.99 0.00	34.55 1.01 0.00	36.26 0.95 0.00	39.28 0.96 0.00	41.42 0.45 0.00	44.35 0.22 0.00	52.91 -0.64 0.00	56.72 -2.21 -0.74	62.15 -0.43 -0.82	57.89 -0.98 -1.14	49.72 -1.00 -0.76	42.03 -0.21 -0.18	38.08 -0.04 0.00	34.73 0.34 0.00	31.40 0.49 0.00
TEMPLE___115KV_TB 2 55572	26.50 -0.11 0.00	23.98 -0.07 0.00	22.20 -0.18 0.00	20.54 -0.21 0.00	20.25 -0.18 0.00	21.73 -0.07 0.00	23.83 -0.07 0.00	26.13 -0.05 0.00	29.97 -0.06 0.00	31.76 -0.03 0.00	33.58 0.03 0.00	35.34 0.04 0.00	38.40 0.08 0.00	40.97 0.00 0.00	44.09 -0.04 0.00	53.23 -0.32 0.00	58.19 -0.47 -0.46	61.57 -0.19 0.00	57.33 -0.40 0.00	49.56 -0.40 0.00	41.85 -0.21 0.00	38.00 -0.11 0.00	34.25 -0.14 0.00	30.66 -0.25 0.00
TIANA___69_KV_BK 1 55817	36.53 3.43 -6.50	34.10 2.93 -7.11	29.90 2.75 -4.76	23.32 2.57 0.00	22.77 2.33 0.00	24.19 2.40 0.00	26.29 2.39 0.00	31.31 3.22 -1.90	33.82 3.66 -0.13	37.64 4.39 -1.45	40.89 4.53 -2.82	44.71 4.77 -4.64	58.61 5.48 -14.81	97.06 6.02 -50.07	128.15 6.49 -77.53	220.23 8.30 -158.37	255.25 9.19 -187.87	270.21 9.88 -198.57	228.78 8.95 -162.10	228.90 7.34 -171.59	120.91 5.55 -73.29	99.08 5.03 -55.93	46.86 4.51 -7.97	40.64 3.71 -6.02
TILDEN___115KV_TB1 80814	26.55 -0.05 0.00	24.03 -0.02 0.00	22.25 -0.13 0.00	20.58 -0.17 0.00	20.29 -0.14 0.00	21.77 -0.02 0.00	23.88 -0.02 0.00	26.21 0.03 0.00	30.03 0.00 0.00	31.86 0.06 0.00	33.65 0.10 0.00	35.41 0.11 0.00	38.48 0.15 0.00	41.09 0.12 0.00	44.22 0.09 0.00	53.39 -0.16 0.00	58.50 -0.23 -0.55	62.38 0.06 -0.56	58.39 -0.12 -0.77	50.28 -0.20 -0.52	42.14 -0.04 -0.12	38.16 0.04 0.00	34.39 0.00 0.00	30.78 -0.12 0.00
TRIGEN___CC 323695	35.46 2.37 -6.49	33.16 2.00 -7.11	29.03 1.88 -4.76	22.57 1.83 0.00	22.09 1.66 0.00	23.40 1.61 0.00	25.53 1.63 0.00	30.26 2.17 -1.90	32.74 2.58 -0.13	36.29 3.05 -1.44	37.09 3.19 -0.35	41.05 3.35 -2.40	56.99 3.87 -14.80	65.46 4.30 -20.19	61.25 4.55 -12.57	70.32 5.94 -10.82	85.23 6.75 -20.29	108.93 7.47 -39.70	77.49 6.35 -13.41	60.67 5.10 -5.61	47.17 3.79 -1.32	41.64 3.51 -0.02	44.13 3.16 -6.58	38.82 2.50 -5.41

TRINITY__115KV__4 BK 55933	27.37 0.77 0.00	24.70 0.65 0.00	23.10 0.72 0.00	21.39 0.64 0.00	21.09 0.65 0.00	22.34 0.54 0.00	24.43 0.53 0.00	26.74 0.55 0.00	30.69 0.66 0.00	32.65 0.86 0.00	34.62 1.07 0.00	36.47 1.17 0.00	39.47 1.15 0.00	42.36 1.39 0.00	45.59 1.46 0.00	54.97 1.82 0.41	67.15 2.15 -6.81	77.34 2.41 -13.17	77.97 2.02 -18.22	63.84 1.75 -12.12	46.23 1.35 -2.82	39.30 1.18 0.00	35.42 1.03 0.00	31.71 0.80 0.00
UNION__PROCESSING_DRP 323587	26.95 0.35 0.00	24.46 0.41 0.00	22.43 0.04 0.00	20.56 -0.19 0.00	20.31 -0.12 0.00	22.14 0.35 0.00	24.35 0.45 0.00	26.71 0.52 0.00	30.66 0.63 0.00	32.62 0.83 0.00	34.35 0.81 0.00	36.08 0.78 0.00	39.17 0.84 0.00	41.46 0.49 0.00	44.48 0.35 0.00	53.34 -0.21 0.00	57.83 -0.99 -0.63	62.43 0.00 -0.67	58.32 -0.35 -0.93	50.18 -0.40 -0.62	42.38 0.17 -0.14	38.38 0.27 0.00	34.80 0.41 0.00	31.21 0.31 0.00
UPPER HUDSON__HYD 24058	28.09 1.49 0.00	25.33 1.27 0.00	23.66 1.28 0.00	21.85 1.10 0.00	21.54 1.10 0.00	22.88 1.09 0.00	25.07 1.17 0.00	27.50 1.31 0.00	31.47 1.44 0.00	33.54 1.75 0.00	35.49 1.95 0.00	37.35 2.05 0.00	40.66 2.34 0.00	43.43 2.46 0.00	46.87 2.74 0.00	56.34 3.21 0.43	69.15 3.84 -7.12	86.45 4.26 -20.44	90.44 4.45 -28.26	72.41 3.65 -18.81	49.90 3.45 -4.38	40.94 2.82 0.00	36.56 2.17 0.00	32.73 1.82 0.00
UPPER RAQUET__HYD 24056	26.28 -0.32 0.00	23.81 -0.24 0.00	22.18 -0.20 0.00	20.54 -0.21 0.00	20.25 -0.18 0.00	21.60 -0.20 0.00	23.76 -0.14 0.00	25.98 -0.21 0.00	29.58 -0.45 0.00	30.94 -0.86 0.00	32.34 -1.21 0.00	34.00 -1.31 0.00	36.83 -1.50 0.00	39.17 -1.80 0.00	42.23 -1.90 0.00	51.52 -2.04 0.00	55.63 -2.56 0.00	58.61 -3.15 0.00	55.36 -2.37 0.00	48.17 -1.80 0.00	40.72 -1.35 0.00	36.94 -1.18 0.00	34.01 -0.38 0.00	30.56 -0.34 0.00
VALLEY44_115KV_TB2 355964	26.95 0.35 0.00	24.36 0.31 0.00	22.29 -0.09 0.00	20.44 -0.31 0.00	20.21 -0.22 0.00	22.21 0.41 0.00	24.47 0.57 0.00	26.82 0.63 0.00	30.48 0.45 0.00	32.56 0.76 0.00	34.29 0.74 0.00	36.05 0.74 0.00	39.17 0.84 0.00	41.46 0.49 0.00	44.44 0.31 0.00	53.39 -0.16 0.00	56.40 -2.73 -0.95	63.28 0.43 -1.09	59.02 -0.23 -1.51	50.17 -0.80 -1.01	42.05 -0.25 -0.23	38.12 0.00 0.00	34.77 0.38 0.00	31.27 0.37 0.00
VALLEY__115KV_TB 1-4 80826	26.47 -0.13 0.00	23.93 -0.12 0.00	22.25 -0.13 0.00	20.62 -0.12 0.00	20.31 -0.12 0.00	21.68 -0.11 0.00	23.80 -0.10 0.00	26.08 -0.10 0.00	29.94 -0.09 0.00	31.76 -0.03 0.00	33.75 0.20 0.00	35.48 0.18 0.00	38.48 0.15 0.00	41.13 0.16 0.00	44.26 0.13 0.00	53.39 -0.16 0.00	58.13 -0.06 0.00	61.82 0.06 0.00	57.73 0.00 0.00	50.01 0.05 0.00	42.06 0.00 0.00	38.19 0.08 0.00	34.42 0.03 0.00	30.90 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.25 1.65 0.00	25.52 1.47 0.00	23.75 1.37 0.00	21.97 1.22 0.00	21.60 1.16 0.00	23.06 1.26 0.00	25.33 1.43 0.00	27.68 1.49 0.00	31.77 1.74 0.00	33.89 2.10 0.00	35.73 2.18 0.00	37.60 2.29 0.00	40.78 2.45 0.00	43.55 2.58 0.00	46.82 2.69 0.00	56.88 3.32 0.00	63.77 3.61 -1.98	70.35 4.14 -4.46	67.54 3.64 -6.16	57.26 3.20 -4.10	45.80 2.78 -0.96	40.59 2.48 0.00	36.52 2.13 0.00	32.70 1.79 0.00
VISCHER__FERRY HYD 24020	27.72 1.12 0.00	25.04 0.99 0.00	23.41 1.03 0.00	21.66 0.91 0.00	21.38 0.94 0.00	22.66 0.87 0.00	24.81 0.91 0.00	27.13 0.94 0.00	31.08 1.05 0.00	33.10 1.30 0.00	35.02 1.47 0.00	36.89 1.59 0.00	40.13 1.80 0.00	43.02 2.05 0.00	46.34 2.21 0.00	55.72 2.73 0.56	68.19 3.14 -6.87	82.84 3.52 -17.56	85.08 3.06 -24.28	68.82 2.70 -16.16	48.06 2.23 -3.77	39.98 1.87 0.00	35.90 1.51 0.00	32.29 1.39 0.00
V_A_10_SYNC_DSASP 323832	26.55 -0.05 0.00	24.12 0.07 0.00	22.09 -0.29 0.00	20.17 -0.58 0.00	19.95 -0.49 0.00	21.90 0.11 0.00	24.09 0.19 0.00	26.37 0.18 0.00	30.21 0.18 0.00	32.15 0.35 0.00	33.85 0.30 0.00	35.52 0.21 0.00	38.52 0.19 0.00	40.64 -0.33 0.00	43.56 -0.57 0.00	52.22 -1.34 0.00	56.39 -2.50 -0.70	61.29 -1.24 -0.77	57.18 -1.62 -1.06	49.07 -1.60 -0.71	41.39 -0.84 -0.16	37.51 -0.61 0.00	34.18 -0.21 0.00	30.81 -0.09 0.00
V_CMM_10_SYNC_DSASP 323787	26.15 -0.45 0.00	23.69 -0.36 0.00	22.07 -0.31 0.00	20.46 -0.29 0.00	20.15 -0.29 0.00	21.49 -0.31 0.00	23.59 -0.31 0.00	25.85 -0.34 0.00	29.55 -0.48 0.00	31.07 -0.73 0.00	32.71 -0.84 0.00	34.46 -0.85 0.00	37.33 -1.00 0.00	39.90 -1.07 0.00	43.07 -1.06 0.00	52.43 -1.13 0.00	56.85 -1.34 0.00	59.84 -1.91 0.00	56.41 -1.33 0.00	48.91 -1.05 0.00	41.26 -0.80 0.00	37.31 -0.80 0.00	33.80 -0.58 0.00	30.41 -0.50 0.00
V_CMP_10_SYNC_DSASP 323788	26.17 -0.43 0.00	23.74 -0.31 0.00	22.16 -0.22 0.00	20.56 -0.19 0.00	20.29 -0.14 0.00	21.75 -0.04 0.00	24.02 0.12 0.00	26.45 0.26 0.00	30.24 0.21 0.00	31.70 -0.10 0.00	33.18 -0.37 0.00	35.09 -0.21 0.00	38.02 -0.31 0.00	40.64 -0.33 0.00	44.13 0.00 0.00	53.98 0.43 0.00	58.48 0.29 0.00	61.82 0.06 0.00	58.60 0.87 0.00	50.91 0.95 0.00	43.12 1.05 0.00	38.80 0.69 0.00	35.25 0.86 0.00	31.70 0.80 0.00
V_E_10_SYNC_DSASP 323830	28.76 2.15 0.00	25.95 1.90 0.00	23.99 1.61 0.00	22.18 1.43 0.00	21.83 1.39 0.00	23.49 1.70 0.00	25.86 1.96 0.00	28.15 1.97 0.00	32.19 2.16 0.00	34.21 2.42 0.00	36.26 2.72 0.00	38.13 2.83 0.00	41.24 2.91 0.00	44.04 3.07 0.00	47.26 3.13 0.00	57.20 3.64 0.00	63.58 3.90 -1.50	69.37 5.19 -2.42	66.05 4.97 -3.35	56.74 4.55 -2.23	46.79 4.21 -0.52	41.89 3.77 0.00	37.52 3.13 0.00	33.50 2.60 0.00
V_F_30_NSYNC__DSASP 323816	28.22 1.62 0.00	25.47 1.42 0.00	23.79 1.41 0.00	22.01 1.27 0.00	21.68 1.25 0.00	23.03 1.24 0.00	25.21 1.31 0.00	27.63 1.44 0.00	31.65 1.62 0.00	33.70 1.91 0.00	35.76 2.21 0.00	37.63 2.33 0.00	41.01 2.68 0.00	43.88 2.91 0.00	47.26 3.13 0.00	56.91 3.80 0.45	69.64 4.37 -7.08	86.66 4.82 -20.08	90.00 4.51 -27.76	72.24 3.80 -18.48	49.69 3.32 -4.31	40.90 2.78 0.00	36.66 2.27 0.00	32.91 2.01 0.00
V_F_30_SYNC_DSASP 323786	27.48 0.88 0.00	24.80 0.75 0.00	23.19 0.81 0.00	21.47 0.73 0.00	21.15 0.72 0.00	22.42 0.63 0.00	24.38 0.48 0.00	26.71 0.52 0.00	30.66 0.63 0.00	32.65 0.86 0.00	34.66 1.11 0.00	36.50 1.20 0.00	39.51 1.19 0.00	42.36 1.39 0.00	45.63 1.50 0.00	55.00 1.82 0.38	67.15 2.15 -6.81	76.81 2.41 -12.65	77.24 2.02 -17.49	63.35 1.75 -11.64	46.12 1.35 -2.71	39.53 1.41 0.00	35.59 1.20 0.00	31.83 0.93 0.00
V_XM_10_SYNC_DSASP 323789	26.17 -0.43 0.00	23.74 -0.31 0.00	22.16 -0.22 0.00	20.56 -0.19 0.00	20.29 -0.14 0.00	21.75 -0.04 0.00	24.02 0.12 0.00	26.45 0.26 0.00	30.24 0.21 0.00	31.70 -0.10 0.00	33.18 -0.37 0.00	35.09 -0.21 0.00	38.02 -0.31 0.00	40.64 -0.33 0.00	44.13 0.00 0.00	53.98 0.43 0.00	58.48 0.29 0.00	61.82 0.06 0.00	58.60 0.87 0.00	50.91 0.95 0.00	43.12 1.05 0.00	38.80 0.69 0.00	35.25 0.86 0.00	31.70 0.80 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.36 1.76 0.00	25.52 1.47 0.00	23.75 1.37 0.00	22.12 1.37 0.00	21.70 1.27 0.00	22.95 1.15 0.00	25.24 1.34 0.00	27.71 1.52 0.00	31.86 1.83 0.00	34.09 2.29 0.00	36.10 2.55 0.00	38.02 2.72 0.00	41.51 3.18 0.00	44.57 3.61 0.00	47.93 3.80 0.00	58.92 5.03 -0.33	69.35 5.82 -5.34	73.98 6.42 -5.80	71.12 5.37 -8.02	59.54 4.25 -5.33	46.38 3.07 -1.24	40.94 2.82 0.00	36.76 2.37 0.00	32.76 1.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.76 2.15 0.00	25.81 1.76 0.00	24.02 1.63 0.00	22.39 1.64 0.00	21.97 1.53 0.00	23.17 1.37 0.00	25.48 1.58 0.00	28.15 1.96 0.00	32.40 2.37 0.00	34.72 2.93 0.00	36.67 3.12 0.00	38.55 3.25 0.00	42.12 3.79 0.00	45.19 4.22 0.00	48.54 4.41 0.00	59.87 5.94 -0.37	77.93 6.75 -12.99	78.60 7.47 -9.37	72.49 6.35 -8.40	60.55 5.00 -5.59	46.90 3.53 -1.30	41.40 3.28 0.00	37.21 2.82 0.00	33.16 2.26 0.00
W50THST__13_KV_LOAD 356117	28.92 2.31 0.00	25.95 1.90 0.00	24.15 1.77 0.00	22.51 1.76 0.00	22.09 1.66 0.00	23.30 1.50 0.00	25.64 1.74 0.00	28.36 2.17 0.00	32.67 2.64 0.00	35.01 3.21 0.00	37.00 3.46 0.00	38.87 3.57 0.00	42.46 4.14 0.00	45.52 4.55 0.00	48.90 4.77 0.00	60.35 6.43 -0.37	78.45 7.27 -12.99	79.15 8.03 -9.37	72.95 6.81 -8.40	61.00 5.45 -5.59	47.24 3.87 -1.30	41.66 3.54 0.00	37.42 3.03 0.00	33.31 2.41 0.00
WADING RIVER_IC_1 23522	36.00 2.90 -6.50	33.62 2.45 -7.11	29.45 2.31 -4.76	22.90 2.16 0.00	22.38 1.94 0.00	23.73 1.94 0.00	25.81 1.91 0.00	30.73 2.64 -1.90	33.01 2.85 -0.13	36.84 3.59 -1.45	39.91 3.55 -2.81	43.69 3.78 -4.60	57.50 4.37 -14.81	115.03 4.83 -69.23	125.76 5.16 -76.47	215.46 6.91 -154.99	249.31 7.45 -183.67	264.42 8.15 -194.51	223.09 7.16 -158.20	226.52 5.99 -170.56	119.29 4.37 -72.86	97.96 4.04 -55.81	45.97 3.64 -7.94	40.25 3.34 -6.01
WADING RIVER_IC_2 23547	36.00 2.90 -6.50	33.62 2.45 -7.11	29.45 2.31 -4.76	22.90 2.16 0.00	22.38 1.94 0.00	23.73 1.94 0.00	25.81 1.91 0.00	30.73 2.64 -1.90	33.01 2.85 -0.13	36.84 3.59 -1.45	39.91 3.55 -2.81	43.69 3.78 -4.60	57.50 4.37 -14.81	115.03 4.83 -69.23	125.76 5.16 -76.47	215.46 6.91 -154.99	249.31 7.45 -183.67	264.42 8.15 -194.51	223.09 7.16 -158.20	226.52 5.99 -170.56	119.29 4.37 -72.86	97.96 4.04 -55.81	45.97 3.64 -7.94	40.25 3.34 -6.01
WADING RIVER_IC_3 23601	36.00 2.90 -6.50	33.62 2.45 -7.11	29.45 2.31 -4.76	22.90 2.16 0.00	22.38 1.94 0.00	23.73 1.94 0.00	25.81 1.91 0.00	30.73 2.64 -1.90	33.01 2.85 -0.13	36.84 3.59 -1.45	39.91 3.55 -2.81	43.69 3.78 -4.60	57.50 4.37 -14.81	115.03 4.83 -69.23	125.76 5.16 -76.47	215.46 6.91 -154.99	249.31 7.45 -183.67	264.42 8.15 -194.51	223.09 7.16 -158.20	226.52 5.99 -170.56	119.29 4.37 -72.86	97.96 4.04 -55.81	45.97 3.64 -7.94	40.25 3.34 -6.01
WALDENNY_I2_KV_BK2 80841	27.13 0.53 0.00	24.63 0.58 0.00	22.49 0.11 0.00	20.54 -0.21 0.00	20.33 -0.10 0.00	22.40 0.61 0.00	24.62 0.72 0.00	26.97 0.79 0.00	30.90 0.87 0.00	32.97 1.18 0.00	34.79 1.24 0.00	36.50 1.20 0.00	39.63 1.30 0.00	41.83 0.86 0.00	44.79 0.66 0.00	53.61 0.05 -0.84	57.17 -1.86 -0.95	63.08 0.37 -1.32	58.82 -0.23 -0.88	50.24 -0.60 -0.20	42.31 0.04 0.00	38.31 0.19 0.00	34.94 0.55 0.00	31.58 0.68 0.00
WALDEN__HYDRO 24148	28.33 1.73 0.00	25.47 1.42 0.00	23.70 1.32 0.00	22.03 1.29 0.00	21.60 1.16 0.00	22.86 1.07 0.00	25.17 1.27 0.00	27.52 1.33 0.00	31.59 1.56 0.00	33.83 2.04 0.00	35.80 2.25 0.00	37.74 2.43 0.00	41.24 2.91 0.00	44.25 3.28 0.00	47.66 3.53 0.00	58.54 4.71 -0.27	68.96 5.41 -5.36	73.70 6.06 -5.89	70.96 5.08 -8.15	59.63 4.24 -5.42	46.44 3.11 -1.26	40.98 2.86 0.00	36.76 2.37 0.00	33.07 2.16 0.00
WARRENSBURG____ 23737	28.09 1.49 0.00	25.33 1.27 0.00	23.66 1.28 0.00	21.85 1.10 0.00	21.54 1.10 0.00	22.88 1.09 0.00	25.07 1.17 0.00	27.50 1.31 0.00	31.47 1.44 0.00	33.54 1.75 0.00	35.49 1.95 0.00	37.35 2.05 0.00	40.66 2.34 0.00	43.43 2.46 0.00	46.87 2.74 0.00	56.34 3.21 0.43	69.15 3.84 -7.12	86.45 4.26 -20.44	90.44 4.45 -28.26	72.41 3.65 -18.81	49.90 3.45 -4.38	40.94 2.82 0.00	36.56 2.17 0.00	32.73 1.82 0.00
WATERSIDE____6 8 9 23538	28.83 2.23 0.00	25.86 1.80 0.00	24.04 1.66 0.00	22.41 1.66 0.00	21.97 1.53 0.00	23.14 1.35 0.00	25.41 1.51 0.00	28.23 2.04 0.00	32.40 2.37 0.00	34.79 2.99 -0.01	36.74 3.19 -0.01	38.52 3.21 -0.01	42.19 3.87 0.01	40.24 4.22 4.95	47.11 4.37 1.39	56.45 5.78 2.89	75.31 6.46 -10.66	68.03 7.23 0.95	68.78 5.95 -5.10	49.51 4.65 5.10	46.68 3.32 -1.29	41.39 3.28 0.01	36.50 2.99 0.88	33.08 2.41 0.23
WATKINRD_115KV_LN8_ILLION 55919	26.55 -0.05 0.00	24.00 -0.05 0.00	22.34 -0.04 0.00	20.71 -0.04 0.00	20.39 -0.04 0.00	21.75 -0.04 0.00	23.85 -0.05 0.00	26.13 -0.05 0.00	29.97 -0.06 0.00	31.80 0.00 0.00	33.68 0.13 0.00	35.45 0.14 0.00	38.44 0.11 0.00	41.09 0.12 0.00	44.26 0.13 0.00	53.50 -0.05 0.00	58.24 0.06 0.00	61.94 0.19 0.00	57.85 0.12 0.00	50.06 0.10 0.00	42.15 0.08 0.00	38.19 0.08 0.00	34.42 0.03 0.00	30.90 0.00 0.00
WATSON__69_KV_BK 1 55734	36.53 3.43 -6.49	34.12 2.96 -7.11	29.90 2.75 -4.76	23.34 2.59 0.00	22.81 2.37 0.00	24.23 2.44 0.00	26.34 2.44 0.00	31.31 3.22 -1.90	33.88 3.72 -0.13	37.57 4.32 -1.45	40.57 4.36 -2.66	43.40 4.52 -3.57	58.26 5.14 -14.80	82.14 5.61 -35.55	97.49 6.00 -47.36	153.66 7.71 -92.39	180.23 8.67 -113.37	199.59 9.63 -128.20	162.72 8.43 -96.56	146.67 6.89 -89.81	85.08 5.22 -37.80	70.83 4.76 -27.95	53.22 4.37 -14.46	43.62 3.65 -9.07
WDELAWARE__HYD 323627	28.33 1.73 0.00	25.47 1.42 0.00	23.68 1.30 0.00	21.99 1.24 0.00	21.56 1.12 0.00	22.84 1.05 0.00	25.17 1.27 0.00	27.50 1.31 0.00	31.56 1.53 0.00	33.77 1.97 0.00	35.83 2.28 0.00	37.78 2.47 0.00	41.28 2.95 0.00	44.33 3.36 0.00	47.70 3.57 0.00	58.55 4.82 -0.18	68.28 5.29 -4.80	73.32 5.99 -5.57	70.46 5.02 -7.70	59.23 4.14 -5.13	46.33 3.07 -1.19	40.94 2.82 0.00	36.73 2.34 0.00	33.03 2.13 0.00
WEST BABYLON__IC 23714	36.28 3.19 -6.49	33.90 2.74 -7.11	29.70 2.55 -4.76	23.17 2.43 0.00	22.64 2.21 0.00	24.04 2.24 0.00	26.15 2.25 0.00	31.07 2.99 -1.90	33.64 3.48 -0.13	37.31 4.07 -1.44	38.90 4.16 -1.19	42.07 4.27 -2.49	57.95 4.83 -14.80	69.83 5.29 -23.58	67.63 5.65 -17.85	80.85 7.23 -20.07	93.89 8.20 -27.49	117.35 9.08 -46.52	85.43 7.91 -19.79	78.20 6.45 -21.79	55.36 4.88 -8.41	49.36 4.50 -6.74	46.17 4.13 -7.65	40.22 3.43 -5.89
WEST CANADA__HYD 24049	26.63 0.03 0.00	24.08 0.02 0.00	22.43 0.04 0.00	20.79 0.04 0.00	20.48 0.04 0.00	21.81 0.02 0.00	23.92 0.02 0.00	26.21 0.03 0.00	30.06 0.03 0.00	31.89 0.10 0.00	33.68 0.13 0.00	35.45 0.14 0.00	38.48 0.15 0.00	41.13 0.16 0.00	44.26 0.13 0.00	53.72 0.16 0.00	58.36 0.18 0.00	62.07 0.31 0.00	57.91 0.17 0.00	50.11 0.15 0.00	42.19 0.13 0.00	38.23 0.11 0.00	34.49 0.10 0.00	31.00 0.09 0.00

WESTERN_NY_WIND 24143	27.43 0.83 0.00	24.97 0.91 0.00	22.76 0.38 0.00	20.93 0.19 0.00	20.58 0.14 0.00	22.62 0.83 0.00	24.86 0.96 0.00	27.18 0.99 0.00	31.53 1.50 0.00	33.45 1.65 0.00	35.43 1.88 0.00	37.28 1.98 0.00	40.09 1.76 0.00	42.40 1.43 0.00	45.45 1.32 0.00	53.93 0.38 0.00	57.87 -1.05 -0.73	63.12 0.55 -0.80	58.90 0.06 -1.11	50.60 -0.10 -0.74	42.87 0.63 -0.17	38.76 0.65 0.00	35.25 0.86 0.00	31.55 0.65 0.00
WESTOVER___LESR 323668	27.11 0.51 0.00	24.48 0.43 0.00	22.65 0.27 0.00	20.93 0.19 0.00	20.64 0.20 0.00	22.23 0.44 0.00	24.40 0.50 0.00	26.76 0.58 0.00	30.69 0.66 0.00	32.65 0.86 0.00	34.49 0.94 0.00	36.29 0.99 0.00	39.47 1.15 0.00	42.08 1.11 0.00	45.23 1.10 0.00	54.63 1.07 0.00	60.48 0.70 -1.60	65.45 1.67 -2.02	61.74 1.21 -2.80	52.72 0.90 -1.86	43.34 0.84 -0.43	38.99 0.88 0.00	35.15 0.76 0.00	31.46 0.56 0.00
WETHRSFD_WT_PWR 323626	26.97 0.37 0.00	24.49 0.43 0.00	22.43 0.04 0.00	20.66 -0.08 0.00	20.35 -0.08 0.00	22.31 0.52 0.00	24.55 0.65 0.00	26.89 0.71 0.00	30.93 0.90 0.00	32.78 0.99 0.00	34.72 1.17 0.00	36.51 1.20 0.00	39.44 1.11 0.00	41.75 0.78 0.00	44.75 0.62 0.00	53.50 -0.05 0.00	57.56 -1.57 -0.95	63.40 0.55 -1.09	59.24 0.00 -1.51	50.62 -0.35 -1.00	42.51 0.21 -0.23	38.42 0.30 0.00	34.94 0.55 0.00	31.34 0.43 0.00
WHAVSTOR_138KV_BK127 55557	28.22 1.62 0.00	25.42 1.37 0.00	23.68 1.30 0.00	22.05 1.31 0.00	21.64 1.21 0.00	22.88 1.09 0.00	25.14 1.24 0.00	27.63 1.44 0.00	31.74 1.71 0.00	33.96 2.16 0.00	35.93 2.38 0.00	37.81 2.51 0.00	41.28 2.95 0.00	44.29 3.32 0.00	47.66 3.53 0.00	58.60 4.71 -0.34	69.01 5.47 -5.35	73.62 6.05 -5.81	70.78 5.02 -8.03	59.30 4.00 -5.34	46.13 2.82 -1.24	40.71 2.59 0.00	36.59 2.20 0.00	32.60 1.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.22 1.62 0.00	25.42 1.37 0.00	23.68 1.30 0.00	22.05 1.31 0.00	21.64 1.21 0.00	22.88 1.09 0.00	25.14 1.24 0.00	27.63 1.44 0.00	31.74 1.71 0.00	33.96 2.16 0.00	35.93 2.38 0.00	37.81 2.51 0.00	41.28 2.95 0.00	44.29 3.32 0.00	47.66 3.53 0.00	58.60 4.71 -0.34	69.01 5.47 -5.35	73.62 6.05 -5.81	70.78 5.02 -8.03	59.30 4.00 -5.34	46.13 2.82 -1.24	40.71 2.59 0.00	36.59 2.20 0.00	32.60 1.70 0.00
WHITEHAL_115KV_TB1 80871	28.97 2.37 0.00	26.07 2.02 0.00	24.35 1.97 0.00	22.47 1.72 0.00	22.15 1.72 0.00	23.56 1.77 0.00	25.84 1.94 0.00	28.36 2.17 0.00	32.46 2.43 0.00	34.63 2.83 0.00	36.70 3.15 0.00	38.69 3.39 0.00	42.16 3.83 0.00	45.07 4.10 0.00	48.63 4.50 0.00	58.53 5.41 0.44	71.58 6.28 -7.10	88.96 6.92 -20.29	92.95 7.16 -28.05	74.43 5.80 -18.67	51.76 5.34 -4.35	42.62 4.50 0.00	37.90 3.51 0.00	33.78 2.87 0.00
WHITEPLN_13_KV_LOAD 356215	28.68 2.07 0.00	25.76 1.71 0.00	23.99 1.61 0.00	22.34 1.60 0.00	21.95 1.51 0.00	23.19 1.39 0.00	25.48 1.58 0.00	28.15 1.96 0.00	32.40 2.37 0.00	34.66 2.86 0.00	37.00 3.46 0.00	38.87 3.57 0.00	42.69 4.37 0.00	45.76 4.79 0.00	49.34 5.21 0.00	60.08 6.16 -0.37	78.20 7.04 -12.97	78.89 7.78 -9.35	72.70 6.58 -8.38	60.84 5.30 -5.58	47.15 3.79 -1.30	41.51 3.39 0.00	37.28 2.89 0.00	33.16 2.26 0.00
WM_FLOYD_69_KV_BK2 356380	36.19 3.09 -6.50	33.81 2.65 -7.11	29.63 2.48 -4.76	23.07 2.32 0.00	22.54 2.10 0.00	23.93 2.14 0.00	26.03 2.13 0.00	30.94 2.85 -1.90	33.37 3.21 -0.13	37.06 3.82 -1.45	40.26 3.86 -2.85	44.11 3.99 -4.81	57.73 4.60 -14.81	97.54 5.08 -51.49	131.60 5.43 -82.05	233.15 7.02 -172.58	272.12 7.86 -206.07	286.50 8.65 -216.10	244.19 7.62 -178.83	233.27 6.30 -177.02	122.35 4.71 -75.57	99.12 4.31 -56.69	46.33 3.85 -8.09	40.17 3.18 -6.08
WOODARD___115KV_TB2 355635	26.42 -0.19 0.00	23.91 -0.14 0.00	22.14 -0.25 0.00	20.48 -0.27 0.00	20.19 -0.25 0.00	21.66 -0.13 0.00	23.76 -0.14 0.00	26.06 -0.13 0.00	29.88 -0.15 0.00	31.67 -0.13 0.00	33.45 -0.10 0.00	35.20 -0.11 0.00	38.25 -0.08 0.00	40.81 -0.16 0.00	43.95 -0.18 0.00	53.02 -0.54 0.00	58.01 -0.64 -0.46	61.33 -0.43 0.00	57.16 -0.58 0.00	49.41 -0.55 0.00	41.73 -0.34 0.00	37.89 -0.23 0.00	34.15 -0.24 0.00	30.59 -0.31 0.00
YORK___WARBASSE 23770	29.03 2.42 -0.01	25.98 1.92 0.00	24.13 1.75 0.00	22.49 1.74 0.00	22.03 1.59 0.00	23.17 1.37 0.00	25.45 1.55 0.00	28.33 2.15 0.00	32.58 2.55 0.00	35.02 3.21 -0.01	36.98 3.42 -0.01	38.77 3.46 -0.01	42.56 4.18 -0.06	80.13 4.51 -34.66	58.57 4.68 -9.76	82.91 6.16 -23.20	94.36 6.87 -29.31	142.47 7.66 -73.05	78.57 6.41 -14.42	78.39 5.00 -23.43	47.04 3.62 -1.36	41.76 3.58 -0.06	43.89 3.27 -6.24	35.19 2.60 -1.69