

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data																									02/07/2025			
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
24138		61.78	57.05	56.95	56.42	56.33	57.99	78.77	82.64	82.45	69.31	68.35	66.00	65.25	64.47	61.65	68.47	78.25	89.93	98.76	87.51	82.97	77.89	76.92	79.87			
		3.22	3.23	3.12	2.94	2.93	2.92	4.12	5.14	4.99	4.70	4.59	4.38	4.10	4.16	3.93	4.42	5.59	6.16	6.08	5.76	5.69	5.23	4.56	4.43			
		0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.06	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.43	-19.33	-8.80	-4.31	0.00	0.00	-2.78			
74TH STREET_GT_1		61.84	57.11	56.95	56.47	56.38	58.10	78.77	82.57	82.38	69.32	68.29	66.00	65.31	64.48	61.71	68.41	78.18	89.93	98.77	87.44	82.96	77.89	76.85	79.87			
24260		3.28	3.28	3.12	2.99	2.99	3.03	4.12	5.07	4.92	4.70	4.53	4.38	4.16	4.16	3.98	4.36	5.52	6.16	6.09	5.69	5.69	5.23	4.49	4.43			
		0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78			
74TH STREET_GT_2		61.84	57.11	56.95	56.47	56.38	58.10	78.77	82.57	82.38	69.32	68.29	66.00	65.31	64.48	61.71	68.41	78.18	89.93	98.77	87.44	82.96	77.89	76.85	79.87			
24261		3.28	3.28	3.12	2.99	2.99	3.03	4.12	5.07	4.92	4.70	4.53	4.38	4.16	4.16	3.98	4.36	5.52	6.16	6.09	5.69	5.69	5.23	4.49	4.43			
		0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78			
ADK HUDSON___FALLS		63.24	58.29	58.13	57.70	57.61	59.78	148.62	132.73	132.80	72.19	69.11	66.49	65.80	65.02	62.05	69.11	78.98	122.08	119.06	117.55	98.08	79.20	78.51	108.76			
24011		4.68	4.47	4.31	4.22	4.22	4.63	5.81	6.30	6.30	5.54	5.36	4.87	4.65	4.70	4.33	5.06	6.32	6.75	6.82	6.71	6.57	6.54	6.15	6.47			
		0.00	0.00	0.00	0.00	0.00	-0.09	-75.21	-54.00	-54.12	-2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-42.00	-38.89	-37.89	-18.55	0.00	0.00	-29.64			
ADK RESOURCE___RCVRY		63.65	58.67	58.51	58.02	57.93	60.16	149.58	133.62	133.69	72.65	69.56	66.86	66.16	65.38	62.40	69.49	79.48	122.87	119.76	118.32	98.76	79.70	79.09	109.45			
23798		5.09	4.85	4.68	4.54	4.54	5.01	6.35	6.88	6.88	5.99	5.80	5.24	5.02	5.07	4.67	5.44	6.83	7.33	7.40	7.29	7.15	7.05	6.73	6.98			
		0.00	0.00	0.00	0.00	0.00	-0.09	-75.63	-54.30	-54.43	-2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-42.20	-39.01	-38.08	-18.65	0.00	0.00	-29.81			
ADK S GLENS___FALLS		63.24	58.29	58.13	57.70	57.61	59.78	148.62	132.73	132.80	72.19	69.11	66.49	65.80	65.02	62.05	69.11	78.98	122.08	119.06	117.55	98.08	79.20	78.51	108.76			
24028		4.68	4.47	4.31	4.22	4.22	4.63	5.81	6.30	6.30	5.54	5.36	4.87	4.65	4.70	4.33	5.06	6.32	6.75	6.82	6.71	6.57	6.54	6.15	6.47			
		0.00	0.00	0.00	0.00	0.00	-0.09	-75.21	-54.00	-54.12	-2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-42.00	-38.89	-37.89	-18.55	0.00	0.00	-29.64			
ADK_NYS___DAM		62.25	57.43	57.38	56.95	56.92	58.70	125.51	115.95	115.84	70.57	68.29	65.87	65.25	64.42	61.59	68.34	77.89	110.82	112.21	106.98	92.45	77.89	77.28	98.37			
23527		3.69	3.61	3.55	3.47	3.52	3.58	4.66	5.28	5.14	4.57	4.53	4.25	4.10	4.10	3.87	4.29	5.23	5.65	5.72	5.54	5.54	5.23	4.92	5.01			
		0.00	0.00	0.00	0.00	0.00	-0.06	-53.25	-38.23	-38.32	-1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-31.83	-33.13	-28.49	-13.95	0.00	0.00	-20.70			
AIR_PRODUCTS___DRP		60.37	55.71	55.66	55.24	55.15	56.87	104.59	99.79	99.72	67.51	65.93	63.66	63.05	62.25	59.57	65.65	74.98	101.08	105.46	97.64	86.35	74.98	74.46	90.15			
24190		1.82	1.88	1.83	1.76	1.76	1.76	1.83	2.10	2.03	2.06	2.17	2.03	1.90	1.93	1.85	1.60	2.33	2.27	2.13	2.12	2.33	2.33	2.10	2.54			
		0.00	0.00	0.00	0.00	0.00	-0.04	-35.17	-25.25	-25.31	-1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.47	-29.99	-22.57	-11.05	0.00	0.00	-14.95			
AKWESSNE_115KV_BK		58.91	53.61	53.61	53.37	53.23	54.90	67.33	71.85	71.88	64.02	63.44	61.44	61.03	60.13	57.55	63.92	71.86	71.80	71.81	72.00	72.01	72.00	72.36	72.22			
355683		0.35	-0.22	-0.22	-0.11	-0.16	-0.17	-0.27	-0.58	-0.51	-0.39	-0.32	-0.18	-0.12	-0.18	-0.17	-0.13	-0.80	-1.54	-1.54	-0.95	-0.95	-0.65	0.00	-0.44			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR		62.78	57.86	57.81	57.33	57.18	59.12	99.65	96.61	96.24	68.46	67.14	64.71	64.02	63.39	60.72	67.38	75.93	97.51	103.98	94.55	85.26	76.07	75.54	87.07			
323833		4.22	4.04	3.98	3.85	3.79	4.02	4.12	4.13	3.76	3.22	3.38	3.08	2.87	3.07	3.00	3.33	3.27	3.22	3.22	3.21	3.29	3.42	3.18	3.42			
		0.00	0.00	0.00	0.00	0.00	-0.03	-27.93	-20.05	-20.10	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.95	-27.41	-18.39	-9.01	0.00	0.00	-11.00			
ALBANY_2_SOLAR		62.78	57.86	57.81	57.33	57.18	59.12	99.58	96.61	96.24	68.46	67.14	64.71	64.02	63.39	60.72	67.38	75.85	97.51	103.98	94.55	85.25	76.00	75.54	87.07			
323834		4.22	4.04	3.98	3.85	3.79	4.02	4.06	4.13	3.76	3.22	3.38	3.08	2.87	3.07	3.00	3.33	3.19	3.22	3.22	3.21	3.29	3.34	3.18	3.42			
		0.00	0.00	0.00	0.00	0.00	-0.03	-27.93	-20.05	-20.10	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.95	-27.41	-18.39	-9.01	0.00	0.00	-10.99			
ALBANY___1		60.37	55.71	55.66	55.24	55.15	56.87	104.59	99.79	99.72	67.51	65.93	63.66	63.05	62.25	59.57	65.65	74.98	101.08	105.46	97.64	86.35	74.98	74.46	90.15			
23571		1.82	1.88	1.83	1.76	1.76	1.76	1.83	2.10	2.03	2.06	2.17	2.03	1.90	1.93	1.85	1.60	2.33	2.27	2.13	2.12	2.33	2.33	2.10	2.54			
		0.00	0.00	0.00	0.00	0.00	-0.04	-35.17	-25.25	-25.31	-1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.47	-29.99	-22.57	-11.05	0.00	0.00	-14.95			

ALBANY___2 23572	60.37 1.82 0.00	55.71 1.88 0.00	55.66 1.83 0.00	55.24 1.76 0.00	55.15 1.76 0.00	56.87 1.76 -0.04	104.59 1.83 -35.17	99.79 2.10 -25.25	99.72 2.03 -25.31	67.51 2.06 -1.05	65.93 2.17 0.00	63.66 2.03 0.00	63.05 1.90 0.00	62.25 1.93 0.00	59.57 1.85 0.00	65.65 1.60 0.00	74.98 2.33 0.00	101.08 2.27 -25.47	105.46 2.13 -29.99	97.64 2.12 -22.57	86.35 2.33 -11.05	74.98 2.33 0.00	74.46 2.10 0.00	90.15 2.54 -14.95
ALBANY___3 23573	60.37 1.82 0.00	55.71 1.88 0.00	55.66 1.83 0.00	55.24 1.76 0.00	55.15 1.76 0.00	56.87 1.76 -0.04	104.59 1.83 -35.17	99.79 2.10 -25.25	99.72 2.03 -25.31	67.51 2.06 -1.05	65.93 2.17 0.00	63.66 2.03 0.00	63.05 1.90 0.00	62.25 1.93 0.00	59.57 1.85 0.00	65.65 1.60 0.00	74.98 2.33 0.00	101.08 2.27 -25.47	105.46 2.13 -29.99	97.64 2.12 -22.57	86.35 2.33 -11.05	74.98 2.33 0.00	74.46 2.10 0.00	90.15 2.54 -14.95
ALBANY___4 23574	60.37 1.82 0.00	55.71 1.88 0.00	55.66 1.83 0.00	55.24 1.76 0.00	55.15 1.76 0.00	56.87 1.76 -0.04	104.59 1.83 -35.17	99.79 2.10 -25.25	99.72 2.03 -25.31	67.51 2.06 -1.05	65.93 2.17 0.00	63.66 2.03 0.00	63.05 1.90 0.00	62.25 1.93 0.00	59.57 1.85 0.00	65.65 1.60 0.00	74.98 2.33 0.00	101.08 2.27 -25.47	105.46 2.13 -29.99	97.64 2.12 -22.57	86.35 2.33 -11.05	74.98 2.33 0.00	74.46 2.10 0.00	90.15 2.54 -14.95
ALBANY___LFGE 323615	60.78 2.22 0.00	56.08 2.26 0.00	56.04 2.21 0.00	55.62 2.14 0.00	55.53 2.14 0.00	57.27 2.15 -0.06	117.99 2.43 -47.96	109.62 2.75 -34.43	109.57 2.68 -34.51	68.48 2.64 -1.43	66.44 2.68 0.00	64.15 2.53 0.00	63.47 2.32 0.00	62.73 2.42 0.00	59.97 2.25 0.00	66.23 2.18 0.00	75.71 3.05 0.00	106.77 3.01 -30.43	108.94 2.94 -32.65	103.04 2.92 -27.17	89.33 3.06 -13.31	75.64 2.98 0.00	75.11 2.75 0.00	95.14 3.12 -19.36
ALCOA_PA_115KV_PL-6C 55860	59.38 0.82 0.00	53.99 0.16 0.00	53.99 0.16 0.00	53.75 0.27 0.00	53.61 0.21 0.00	55.34 0.28 0.00	67.80 0.20 0.00	72.14 -0.29 0.00	72.16 -0.22 0.00	64.47 0.06 0.00	63.89 0.13 0.00	61.87 0.25 0.00	61.46 0.31 0.00	60.56 0.24 0.00	57.95 0.23 0.00	64.37 0.32 0.00	72.08 -0.58 0.00	71.94 -1.39 0.00	71.88 -1.47 0.00	72.15 -0.80 0.00	72.23 -0.73 0.00	72.29 -0.36 0.00	72.72 0.36 0.00	72.51 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	59.38 0.82 0.00	53.99 0.16 0.00	53.99 0.16 0.00	53.75 0.27 0.00	53.61 0.21 0.00	55.34 0.28 0.00	67.80 0.20 0.00	72.14 -0.29 0.00	72.16 -0.22 0.00	64.47 0.06 0.00	63.89 0.13 0.00	61.87 0.25 0.00	61.46 0.31 0.00	60.56 0.24 0.00	57.95 0.23 0.00	64.37 0.32 0.00	72.08 -0.58 0.00	71.94 -1.39 0.00	71.88 -1.47 0.00	72.15 -0.80 0.00	72.23 -0.73 0.00	72.29 -0.36 0.00	72.72 0.36 0.00	72.51 -0.15 0.00
ALCOA___DSASP 323711	59.38 0.82 0.00	53.99 0.16 0.00	53.99 0.16 0.00	53.75 0.27 0.00	53.61 0.21 0.00	55.34 0.28 0.00	67.73 0.14 0.00	72.07 -0.36 0.00	72.02 -0.36 0.00	64.47 0.06 0.00	63.89 0.13 0.00	61.87 0.25 0.00	61.46 0.31 0.00	60.56 0.24 0.00	57.95 0.23 0.00	64.37 0.32 0.00	72.00 -0.66 0.00	71.87 -1.47 0.00	71.88 -1.47 0.00	72.00 -0.95 0.00	72.16 -0.80 0.00	72.22 -0.43 0.00	72.51 0.15 0.00	72.44 -0.22 0.00
ALLEGHENY___COGEN 23514	54.69 -3.87 0.00	50.97 -2.85 0.00	50.97 -2.85 0.00	50.81 -2.67 0.00	50.83 -2.56 0.00	52.97 -2.09 0.00	64.49 -3.11 0.00	69.89 -3.77 -1.22	68.33 -4.05 0.00	59.76 -4.64 0.01	59.01 -4.72 0.04	57.06 -4.56 0.01	57.11 -4.04 0.00	56.21 -4.10 0.00	54.09 -3.63 0.00	60.40 -3.65 0.00	69.10 -3.56 0.00	73.51 -1.98 -2.15	75.08 -2.05 -3.79	71.94 -2.85 -1.83	71.38 -2.48 -0.90	70.26 -2.40 0.00	69.76 -2.60 0.00	71.13 -1.53 0.00
ALTAMONT_115KV_TB 2 55880	60.43 1.87 0.00	55.76 1.94 0.00	55.77 1.94 0.00	55.35 1.87 0.00	55.26 1.87 0.00	56.92 1.82 -0.03	97.62 2.23 -27.79	94.92 2.54 -19.95	94.84 2.46 -20.00	67.55 2.32 -0.83	66.05 2.30 0.00	63.78 2.16 0.00	63.17 2.02 0.00	62.37 2.05 0.00	59.69 1.96 0.00	66.10 2.05 0.00	75.42 2.76 0.00	97.99 2.93 -21.72	104.29 2.86 -28.08	94.82 2.77 -19.09	85.16 2.85 -9.35	75.34 2.69 0.00	74.75 2.39 0.00	86.84 2.62 -11.57
ALTONA_WT_PWR 323606	57.62 -0.94 0.00	52.32 -1.51 0.00	52.32 -1.51 0.00	52.09 -1.39 0.00	51.90 -1.49 0.00	53.63 -1.43 0.00	65.43 -2.17 0.00	69.97 -2.46 0.00	69.85 -2.54 0.00	62.28 -2.12 0.00	61.72 -2.04 0.00	59.90 -1.73 0.00	59.62 -1.53 0.00	58.56 -1.75 0.00	56.05 -1.68 0.00	62.26 -1.79 0.00	70.26 -2.40 0.00	70.33 -3.01 0.00	70.41 -2.94 0.00	70.76 -2.19 0.00	70.92 -2.04 0.00	71.06 -1.60 0.00	71.35 -1.01 0.00	71.79 -0.87 0.00
AMERICAN_REF_FUEL 24010	51.18 -7.38 0.00	48.07 -5.76 0.00	48.01 -5.81 0.00	48.08 -5.40 0.00	48.00 -5.39 0.00	50.11 -4.96 0.00	59.83 -7.77 0.00	62.65 -9.78 0.00	62.54 -9.84 0.00	54.80 -9.60 0.01	54.79 -8.93 0.04	53.24 -8.38 0.01	53.56 -7.58 0.00	52.71 -7.60 0.00	50.51 -7.22 0.00	55.79 -8.26 0.00	63.06 -9.59 0.00	66.45 -8.80 -1.91	67.34 -9.39 -3.39	64.44 -10.14 -1.62	64.12 -9.63 -0.79	63.57 -9.08 0.00	63.82 -8.54 0.00	66.33 -6.32 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	52.82 -5.74 0.00	49.41 -4.41 0.00	49.36 -4.47 0.00	49.36 -4.12 0.00	49.23 -4.16 0.00	51.49 -3.58 0.00	61.85 -5.75 0.00	65.19 -7.24 0.00	65.07 -7.31 0.00	57.12 -7.28 0.01	57.03 -6.69 0.04	55.58 -6.04 0.01	55.83 -5.32 0.00	55.01 -5.31 0.00	52.76 -4.96 0.00	58.54 -5.51 0.00	66.19 -6.47 0.00	69.30 -6.16 -2.12	70.70 -6.38 -3.74	68.48 -6.27 -1.80	68.08 -5.77 -0.88	67.42 -5.23 0.00	67.51 -4.85 0.00	69.82 -2.83 0.00
ARTHUR KILL_GT_1 23520	61.89 3.34 0.00	57.05 3.23 0.00	56.84 3.01 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.28 4.78 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.90 4.14 0.00	65.57 3.95 0.00	64.88 3.73 0.00	64.06 3.74 0.00	61.30 3.58 0.00	68.02 3.97 0.00	77.82 5.16 0.00	89.64 5.87 -10.44	98.55 5.87 -19.33	87.23 5.47 -8.80	82.67 5.40 -4.31	77.53 4.87 0.00	76.34 3.98 0.00	79.21 3.78 -2.78
ARTHUR_KILL_2 23512	61.72 3.16 0.00	56.89 3.07 0.00	56.68 2.85 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.61 2.53 -0.01	78.16 3.51 -7.05	82.07 4.57 -5.07	81.66 4.20 -5.08	68.68 4.06 -0.21	67.78 4.02 0.00	65.45 3.82 0.00	64.69 3.55 0.00	63.87 3.56 0.00	61.13 3.40 0.00	67.83 3.78 0.00	77.60 4.94 0.00	89.34 5.57 -10.44	98.25 5.57 -19.33	86.93 5.18 -8.80	82.45 5.18 -4.31	77.31 4.65 0.00	76.12 3.76 0.00	79.00 3.56 -2.78
ARTHUR_KILL_3 23513	58.36 2.57 2.77	56.57 2.74 0.00	56.46 2.64 0.00	55.94 2.46 0.00	55.85 2.46 0.00	57.44 2.37 -0.01	59.69 3.31 11.22	62.78 4.20 13.85	62.29 4.12 14.22	58.36 3.99 10.04	58.36 3.83 9.22	58.36 3.64 6.90	58.36 3.36 6.15	58.36 3.38 5.33	58.36 3.23 2.59	58.36 3.58 9.28	58.36 4.65 18.95	67.69 5.28 10.93	73.54 5.21 5.01	65.24 4.89 12.60	61.19 4.89 16.66	61.56 4.36 15.46	58.36 3.69 17.69	63.41 3.56 12.81

ARTHUR_KILL_COGEN 323718	61.89 3.34 0.00	57.05 3.23 0.00	56.84 3.01 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.28 4.78 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.90 4.14 0.00	65.57 3.95 0.00	64.88 3.73 0.00	64.06 3.74 0.00	61.30 3.58 0.00	68.02 3.97 0.00	77.82 5.16 0.00	89.64 5.87 -10.44	98.55 5.87 -19.33	87.23 5.47 -8.80	82.67 5.40 -4.31	77.53 4.87 0.00	76.34 3.98 0.00	79.21 3.78 -2.78
ASHOKAN____ 23654	62.95 4.39 0.00	58.03 4.20 0.00	58.03 4.20 0.00	57.60 4.12 0.00	57.50 4.11 0.00	59.22 4.13 -0.02	89.93 1.96 -20.37	89.01 1.96 -14.62	88.77 1.73 -14.66	66.30 1.29 -0.61	67.52 3.76 0.00	65.14 3.51 0.00	64.27 3.12 0.00	63.63 3.32 0.00	61.19 3.46 0.00	67.89 3.84 0.00	77.89 5.23 0.00	93.73 2.86 -17.54	101.06 3.15 -24.57	91.09 2.84 -15.30	83.22 2.77 -7.49	78.33 5.67 0.00	77.72 5.35 0.00	83.49 2.39 -8.44
ASTORIA_EAST_ENERGY_CC1 323581	61.48 2.93 0.00	56.78 2.96 0.00	56.51 2.69 0.01	55.99 2.51 0.01	55.89 2.51 0.01	57.60 2.53 0.00	78.22 3.58 -7.05	82.13 4.64 -5.06	81.87 4.42 -5.07	68.86 4.25 -0.20	67.96 4.21 0.01	65.56 3.95 0.01	64.81 3.67 0.01	64.05 3.74 0.01	61.24 3.52 0.01	68.02 3.97 0.01	77.73 5.08 0.01	89.49 5.72 -10.43	98.32 5.65 -19.32	87.07 5.32 -8.79	82.52 5.26 -4.30	77.37 4.72 0.01	76.33 3.98 0.01	79.36 3.92 -2.78
ASTORIA_EAST_ENERGY_CC2 323582	61.48 2.93 0.00	56.78 2.96 0.00	56.51 2.69 0.01	55.99 2.51 0.01	55.89 2.51 0.01	57.60 2.53 0.00	78.22 3.58 -7.05	82.13 4.64 -5.06	81.87 4.42 -5.07	68.86 4.25 -0.20	67.96 4.21 0.01	65.56 3.95 0.01	64.81 3.67 0.01	64.05 3.74 0.01	61.24 3.52 0.01	68.02 3.97 0.01	77.73 5.08 0.01	89.49 5.72 -10.43	98.32 5.65 -19.32	87.07 5.32 -8.79	82.52 5.26 -4.30	77.37 4.72 0.01	76.33 3.98 0.01	79.36 3.92 -2.78
ASTORIA_GT2_1 24094	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
ASTORIA_GT2_2 24095	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
ASTORIA_GT2_3 24096	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
ASTORIA_GT2_4 24097	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
ASTORIA_GT3_1 24098	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
ASTORIA_GT3_2 24099	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
ASTORIA_GT3_3 24100	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
ASTORIA_GT3_4 24101	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
ASTORIA_GT4_1 24102	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
ASTORIA_GT4_2 24103	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
ASTORIA_GT4_3 24104	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78

ASTORIA_GT4_4 24105	61.48 2.93 0.00	56.84 3.01 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.90 4.14 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
ASTORIA_GT_1 23523	61.60 3.04 0.00	56.89 3.07 0.00	56.62 2.80 0.01	56.09 2.62 0.01	56.00 2.62 0.01	57.71 2.64 0.00	78.43 3.78 -7.05	82.27 4.78 -5.06	82.09 4.64 -5.07	68.99 4.38 -0.20	68.09 4.34 0.01	65.75 4.13 0.01	65.00 3.85 0.01	64.23 3.92 0.01	61.41 3.70 0.01	68.15 4.10 0.01	77.95 5.30 0.01	89.70 5.94 -10.43	98.54 5.87 -19.32	87.22 5.47 -8.79	82.74 5.47 -4.30	77.52 4.87 0.01	76.48 4.12 0.01	79.50 4.07 -2.78
ASTORIA_GT_10 24110	61.78 3.22 0.00	57.05 3.23 0.00	56.79 2.96 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.94 2.86 -0.01	78.57 3.92 -7.05	82.42 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.09 4.34 0.00	65.82 4.19 0.00	65.12 3.97 0.00	64.30 3.98 0.00	61.53 3.81 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.62 5.94 -19.33	87.22 5.47 -8.80	82.74 5.47 -4.31	77.67 5.01 0.00	76.56 4.20 0.00	79.58 4.14 -2.78
ASTORIA_GT_11 24225	61.78 3.22 0.00	57.05 3.23 0.00	56.79 2.96 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.94 2.86 -0.01	78.57 3.92 -7.05	82.42 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.09 4.34 0.00	65.82 4.19 0.00	65.12 3.97 0.00	64.30 3.98 0.00	61.53 3.81 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.62 5.94 -19.33	87.22 5.47 -8.80	82.74 5.47 -4.31	77.67 5.01 0.00	76.56 4.20 0.00	79.58 4.14 -2.78
ASTORIA_GT_12 24226	61.78 3.22 0.00	57.05 3.23 0.00	56.79 2.96 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.94 2.86 -0.01	78.57 3.92 -7.05	82.42 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.09 4.34 0.00	65.82 4.19 0.00	65.12 3.97 0.00	64.30 3.98 0.00	61.53 3.81 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.62 5.94 -19.33	87.22 5.47 -8.80	82.74 5.47 -4.31	77.67 5.01 0.00	76.56 4.20 0.00	79.58 4.14 -2.78
ASTORIA_GT_13 24227	61.78 3.22 0.00	57.05 3.23 0.00	56.79 2.96 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.94 2.86 -0.01	78.57 3.92 -7.05	82.42 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.09 4.34 0.00	65.82 4.19 0.00	65.12 3.97 0.00	64.30 3.98 0.00	61.53 3.81 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.62 5.94 -19.33	87.22 5.47 -8.80	82.74 5.47 -4.31	77.67 5.01 0.00	76.56 4.20 0.00	79.58 4.14 -2.78
ASTORIA_GT_5 24106	61.60 3.04 0.00	56.89 3.07 0.00	56.57 2.75 0.00	56.10 2.62 0.00	56.01 2.62 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.28 4.78 -5.07	82.02 4.56 -5.08	68.99 4.38 -0.21	68.03 4.27 0.00	65.82 4.19 0.00	65.06 3.91 0.00	64.24 3.92 0.00	61.47 3.75 0.00	68.15 4.10 0.00	77.96 5.30 0.00	89.71 5.94 -10.44	98.55 5.87 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.52 4.87 0.00	76.41 4.05 0.00	79.51 4.07 -2.78
ASTORIA_GT_7 24107	61.60 3.04 0.00	56.89 3.07 0.00	56.57 2.75 0.00	56.10 2.62 0.00	56.01 2.62 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.28 4.78 -5.07	82.02 4.56 -5.08	68.99 4.38 -0.21	68.03 4.27 0.00	65.82 4.19 0.00	65.06 3.91 0.00	64.24 3.92 0.00	61.47 3.75 0.00	68.15 4.10 0.00	77.96 5.30 0.00	89.71 5.94 -10.44	98.55 5.87 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.52 4.87 0.00	76.41 4.05 0.00	79.51 4.07 -2.78
ASTORIA_GT_8 24108	61.60 3.04 0.00	56.89 3.07 0.00	56.57 2.75 0.00	56.10 2.62 0.00	56.01 2.62 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.28 4.78 -5.07	82.02 4.56 -5.08	68.99 4.38 -0.21	68.03 4.27 0.00	65.82 4.19 0.00	65.06 3.91 0.00	64.24 3.92 0.00	61.47 3.75 0.00	68.15 4.10 0.00	77.96 5.30 0.00	89.71 5.94 -10.44	98.55 5.87 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.52 4.87 0.00	76.41 4.05 0.00	79.51 4.07 -2.78
ASTORIA___2 24149	61.48 2.93 0.00	56.84 3.01 0.00	56.56 2.74 0.01	56.04 2.57 0.01	55.95 2.56 0.01	57.60 2.53 0.00	78.29 3.65 -7.05	82.13 4.64 -5.06	81.94 4.49 -5.07	68.86 4.25 -0.20	67.96 4.21 0.01	65.62 4.00 0.01	64.87 3.73 0.01	64.11 3.80 0.01	61.29 3.58 0.01	68.02 3.97 0.01	77.81 5.16 0.01	89.49 5.72 -10.43	98.32 5.65 -19.32	87.07 5.32 -8.79	82.52 5.26 -4.30	77.37 4.72 0.01	76.33 3.98 0.01	79.36 3.92 -2.78
ASTORIA___3 23516	61.78 3.22 0.00	57.05 3.23 0.00	56.84 3.01 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.88 2.81 -0.01	78.64 3.99 -7.05	82.43 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.15 4.40 0.00	65.82 4.19 0.00	65.07 3.92 0.00	64.23 3.92 0.00	61.47 3.75 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.61 5.94 -19.33	87.29 5.54 -8.80	82.75 5.47 -4.31	77.67 5.01 0.00	76.63 4.27 0.00	79.58 4.14 -2.78
ASTORIA___4 23517	61.78 3.22 0.00	57.05 3.23 0.00	56.79 2.96 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.94 2.86 -0.01	78.57 3.92 -7.05	82.42 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.09 4.34 0.00	65.82 4.19 0.00	65.12 3.97 0.00	64.30 3.98 0.00	61.53 3.81 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.62 5.94 -19.33	87.22 5.47 -8.80	82.74 5.47 -4.31	77.67 5.01 0.00	76.56 4.20 0.00	79.58 4.14 -2.78
ASTORIA___5 23518	61.78 3.22 0.00	57.05 3.23 0.00	56.84 3.01 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.88 2.81 -0.01	78.64 3.99 -7.05	82.43 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.15 4.40 0.00	65.82 4.19 0.00	65.07 3.92 0.00	64.23 3.92 0.00	61.47 3.75 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.61 5.94 -19.33	87.29 5.54 -8.80	82.75 5.47 -4.31	77.67 5.01 0.00	76.63 4.27 0.00	79.58 4.14 -2.78
AST_ENERGY_2_CC3 323677	61.48 2.93 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.80 4.18 -0.21	67.84 4.08 0.00	65.45 3.82 0.00	64.76 3.61 0.00	63.93 3.62 0.00	61.19 3.46 0.00	67.89 3.84 0.00	77.60 4.94 0.00	89.27 5.50 -10.44	98.18 5.50 -19.33	86.93 5.18 -8.80	82.38 5.11 -4.31	77.31 4.65 0.00	76.41 4.05 0.00	79.36 3.92 -2.78
AST_ENERGY_2_CC4 323678	61.48 2.93 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.80 4.18 -0.21	67.84 4.08 0.00	65.45 3.82 0.00	64.76 3.61 0.00	63.93 3.62 0.00	61.19 3.46 0.00	67.89 3.84 0.00	77.60 4.94 0.00	89.27 5.50 -10.44	98.18 5.50 -19.33	86.93 5.18 -8.80	82.38 5.11 -4.31	77.31 4.65 0.00	76.41 4.05 0.00	79.36 3.92 -2.78

ATHENS_STG_1 23668	60.55 1.99 0.00	55.92 2.10 0.00	55.98 2.16 0.00	55.51 2.03 0.00	55.42 2.03 0.00	57.00 1.93 -0.01	75.50 2.57 -5.34	79.31 3.04 -3.83	79.19 2.97 -3.84	67.27 2.70 -0.16	66.44 2.68 0.00	64.15 2.53 0.00	63.53 2.38 0.00	62.73 2.42 0.00	60.03 2.31 0.00	66.55 2.50 0.00	75.93 3.27 0.00	87.33 3.59 -10.41	97.60 3.59 -20.67	85.07 3.43 -8.69	80.65 3.43 -4.25	75.78 3.12 0.00	75.18 2.82 0.00	77.61 2.83 -2.12
ATHENS_STG_2 23670	60.55 1.99 0.00	55.92 2.10 0.00	55.98 2.16 0.00	55.51 2.03 0.00	55.42 2.03 0.00	57.00 1.93 -0.01	75.50 2.57 -5.34	79.31 3.04 -3.83	79.19 2.97 -3.84	67.27 2.70 -0.16	66.44 2.68 0.00	64.15 2.53 0.00	63.53 2.38 0.00	62.73 2.42 0.00	60.03 2.31 0.00	66.55 2.50 0.00	75.93 3.27 0.00	87.33 3.59 -10.41	97.60 3.59 -20.67	85.07 3.43 -8.69	80.65 3.43 -4.25	75.78 3.12 0.00	75.18 2.82 0.00	77.61 2.83 -2.12
ATHENS_STG_3 23677	60.55 1.99 0.00	55.92 2.10 0.00	55.98 2.16 0.00	55.51 2.03 0.00	55.42 2.03 0.00	57.00 1.93 -0.01	75.50 2.57 -5.34	79.31 3.04 -3.83	79.19 2.97 -3.84	67.27 2.70 -0.16	66.44 2.68 0.00	64.15 2.53 0.00	63.53 2.38 0.00	62.73 2.42 0.00	60.03 2.31 0.00	66.55 2.50 0.00	75.93 3.27 0.00	87.33 3.59 -10.41	97.60 3.59 -20.67	85.07 3.43 -8.69	80.65 3.43 -4.25	75.78 3.12 0.00	75.18 2.82 0.00	77.61 2.83 -2.12
AUBURN___LFGE 323710	57.09 -1.46 0.00	52.80 -1.02 0.00	52.80 -1.02 0.00	52.52 -0.96 0.00	52.48 -0.91 0.00	54.35 -0.72 0.00	66.72 -0.88 0.00	71.56 -0.87 0.00	71.51 -0.87 0.00	63.31 -1.09 0.00	62.59 -1.15 0.02	60.51 -1.11 0.00	60.23 -0.92 0.00	59.35 -0.97 0.00	56.80 -0.92 0.00	63.22 -0.83 0.00	71.78 -0.87 0.00	74.87 -0.15 -1.68	76.24 -0.07 -2.97	73.86 -0.51 -1.42	73.15 -0.51 -0.70	71.93 -0.73 0.00	71.35 -1.01 0.00	72.08 -0.58 0.00
BABYLON_RES_REC 323704	74.91 4.57 -11.78	70.29 4.46 -12.00	61.49 4.31 -3.35	63.95 4.17 -6.30	61.43 4.17 -3.87	69.51 4.24 -10.21	84.97 5.74 -11.63	125.07 6.81 -45.83	120.07 6.65 -41.03	94.13 5.99 -23.74	80.81 5.86 -11.18	68.00 5.55 -0.83	66.29 5.14 0.00	65.91 5.31 -0.28	70.67 5.14 -7.81	79.78 5.70 -10.03	113.60 7.19 -33.75	122.96 7.77 -41.86	118.55 7.70 -37.50	113.32 7.59 -32.79	111.24 7.30 -30.99	98.71 6.91 -19.15	97.91 6.29 -19.26	88.49 6.17 -9.66
BABYLON__69_KV_BK2 356345	75.55 5.21 -11.78	70.88 5.06 -12.00	62.02 4.84 -3.35	64.54 4.76 -6.30	61.96 4.70 -3.87	70.17 4.90 -10.21	85.72 6.49 -11.63	125.87 7.61 -45.83	120.87 7.46 -41.03	94.84 6.70 -23.74	81.45 6.50 -11.18	68.74 6.29 -0.83	67.20 6.05 0.00	66.63 5.83 -0.28	71.37 5.83 -7.81	80.49 6.41 -10.03	114.47 8.06 -33.75	123.92 8.73 -41.86	119.51 8.65 -37.51	114.05 8.32 -32.79	112.28 8.32 -31.00	99.58 7.77 -19.15	98.71 7.09 -19.26	89.29 6.98 -9.66
BALL_HILL_WT_PWR 323825	52.82 -5.74 0.00	49.47 -4.36 0.00	49.41 -4.41 0.00	49.41 -4.07 0.00	49.33 -4.06 0.00	51.54 -3.53 0.00	61.85 -5.75 0.00	65.04 -7.39 0.00	64.93 -7.45 0.00	56.93 -7.47 0.01	56.77 -6.95 0.04	55.27 -6.35 0.01	55.52 -5.62 0.00	54.71 -5.61 0.00	52.47 -5.25 0.00	58.10 -5.95 0.00	65.68 -6.98 0.00	68.71 -6.67 -2.05	69.92 -7.04 -3.61	67.69 -7.00 -1.74	67.25 -6.57 -0.85	66.63 -6.03 0.00	66.79 -5.57 0.00	69.10 -3.56 0.00
BARON_WINDS___WT_PWR 323822	54.16 -4.39 0.00	50.44 -3.39 0.00	50.44 -3.39 0.00	50.22 -3.26 0.00	50.13 -3.26 0.00	52.15 -2.92 0.00	65.47 -4.26 -2.13	68.90 -5.07 -1.53	68.64 -5.28 -1.54	59.05 -5.41 -0.06	58.50 -5.23 0.03	56.69 -4.93 0.01	56.81 -4.34 0.00	55.92 -4.40 0.00	53.68 -4.04 0.00	59.69 -4.36 0.00	68.15 -4.50 0.00	71.95 -4.11 -2.72	73.90 -4.18 -4.73	71.40 -3.87 -2.31	70.52 -3.57 -1.13	69.17 -3.49 0.00	69.03 -3.33 0.00	71.25 -2.25 -0.84
BARRETT_IC_1 23704	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.44 5.57 -41.53	116.10 5.57 -37.18	110.67 5.26 -32.46	105.81 5.26 -27.59	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BARRETT_IC_10 23701	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.09 5.57 -41.19	115.75 5.57 -36.84	110.32 5.26 -32.12	102.26 5.26 -24.04	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BARRETT_IC_11 23702	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.09 5.57 -41.19	115.75 5.57 -36.84	110.32 5.26 -32.12	102.26 5.26 -24.04	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BARRETT_IC_12 23703	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.09 5.57 -41.19	115.75 5.57 -36.84	110.32 5.26 -32.12	102.26 5.26 -24.04	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BARRETT_IC_2 23705	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.44 5.57 -41.53	116.10 5.57 -37.18	110.67 5.26 -32.46	105.81 5.26 -27.59	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BARRETT_IC_3 23706	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.44 5.57 -41.53	116.10 5.57 -37.18	110.67 5.26 -32.46	105.81 5.26 -27.59	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BARRETT_IC_4 23707	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.44 5.57 -41.53	116.10 5.57 -37.18	110.67 5.26 -32.46	105.81 5.26 -27.59	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66

BARRETT_IC_5 23708	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.44 5.57 -41.53	116.10 5.57 -37.18	110.67 5.26 -32.46	105.81 5.26 -27.59	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BARRETT_IC_6 23709	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.44 5.57 -41.53	116.10 5.57 -37.18	110.67 5.26 -32.46	105.81 5.26 -27.59	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BARRETT_IC_7 23710	73.85 3.51 -11.78	69.38 3.55 -12.00	60.78 3.61 -3.35	63.25 3.48 -6.30	60.84 3.58 -3.87	68.63 3.36 -10.21	83.49 4.26 -11.63	123.11 4.85 -45.83	118.19 4.78 -41.03	92.91 4.77 -23.74	79.60 4.65 -11.18	66.89 4.44 -0.83	65.37 4.22 0.00	64.82 4.22 -0.28	69.58 4.04 -7.81	78.50 4.42 -10.03	111.63 5.23 -33.75	120.44 5.57 -41.53	116.10 5.57 -37.18	110.59 5.18 -32.46	105.81 5.25 -27.59	96.89 5.09 -19.15	96.10 4.49 -19.26	87.04 4.72 -9.66
BARRETT_IC_8 23711	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.44 5.57 -41.53	116.10 5.57 -37.18	110.67 5.26 -32.46	105.81 5.26 -27.59	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BARRETT_IC_9 23700	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.09 5.57 -41.19	115.75 5.57 -36.84	110.32 5.26 -32.12	102.26 5.26 -24.04	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BARRETT___1 23545	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.44 5.57 -41.53	116.10 5.57 -37.18	110.67 5.26 -32.46	105.81 5.26 -27.59	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BARRETT___2 23546	73.85 3.51 -11.78	69.43 3.61 -12.00	60.84 3.66 -3.35	63.25 3.47 -6.30	60.84 3.58 -3.87	68.58 3.30 -10.21	83.56 4.33 -11.63	123.19 4.93 -45.83	118.26 4.85 -41.03	92.91 4.77 -23.74	79.59 4.65 -11.18	66.89 4.44 -0.83	65.25 4.10 0.00	64.82 4.22 -0.28	69.52 3.98 -7.81	78.50 4.42 -10.03	111.64 5.23 -33.75	120.09 5.57 -41.19	115.75 5.57 -36.84	110.32 5.26 -32.12	102.26 5.26 -24.04	96.96 5.16 -19.15	96.18 4.56 -19.26	87.04 4.72 -9.66
BATAVIA__115KV_TB1 55881	53.87 -4.68 0.00	50.43 -3.39 0.00	50.49 -3.34 0.00	50.38 -3.10 0.00	50.40 -2.99 0.00	52.37 -2.70 0.00	63.00 -4.60 0.00	66.57 -5.87 0.00	66.37 -6.01 0.00	58.34 -6.05 0.01	58.17 -5.55 0.04	56.26 -5.36 0.01	56.38 -4.77 0.00	55.55 -4.76 0.00	53.16 -4.56 0.00	59.12 -4.93 0.00	66.99 -5.67 0.00	70.56 -4.55 -1.77	71.74 -4.77 -3.17	68.32 -6.13 -1.50	68.01 -5.69 -0.74	67.57 -5.09 0.00	67.01 -5.35 0.00	69.60 -3.05 0.00
BAYONEEC___CTG1 323682	61.43 2.87 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	69.15 5.01 8.52	79.74 5.57 -0.83	87.30 5.57 -8.39	77.39 5.26 0.82	73.03 5.18 5.12	70.43 4.72 6.95	68.46 4.05 7.95	72.28 3.85 4.23
BAYONEEC___CTG10 323750	61.43 2.87 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	69.15 5.01 8.52	79.74 5.57 -0.83	87.30 5.57 -8.39	77.39 5.26 0.82	73.03 5.18 5.12	70.43 4.72 6.95	68.46 4.05 7.95	72.28 3.85 4.23
BAYONEEC___CTG2 323683	61.43 2.87 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	69.15 5.01 8.52	79.74 5.57 -0.83	87.30 5.57 -8.39	77.39 5.26 0.82	73.03 5.18 5.12	70.43 4.72 6.95	68.46 4.05 7.95	72.28 3.85 4.23
BAYONEEC___CTG3 323684	61.43 2.87 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	69.15 5.01 8.52	79.74 5.57 -0.83	87.30 5.57 -8.39	77.39 5.26 0.82	73.03 5.18 5.12	70.43 4.72 6.95	68.46 4.05 7.95	72.28 3.85 4.23
BAYONEEC___CTG4 323685	61.43 2.87 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	69.15 5.01 8.52	79.74 5.57 -0.83	87.30 5.57 -8.39	77.39 5.26 0.82	73.03 5.18 5.12	70.43 4.72 6.95	68.46 4.05 7.95	72.28 3.85 4.23
BAYONEEC___CTG5 323686	61.43 2.87 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	69.15 5.01 8.52	79.74 5.57 -0.83	87.30 5.57 -8.39	77.39 5.26 0.82	73.03 5.18 5.12	70.43 4.72 6.95	68.46 4.05 7.95	72.28 3.85 4.23
BAYONEEC___CTG6 323687	61.43 2.87 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	69.15 5.01 8.52	79.74 5.57 -0.83	87.30 5.57 -8.39	77.39 5.26 0.82	73.03 5.18 5.12	70.43 4.72 6.95	68.46 4.05 7.95	72.28 3.85 4.23

BAYONEEC___CTG7 323688	61.43 2.87 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	69.15 5.01 8.52	79.74 5.57 -0.83	87.30 5.57 -8.39	77.39 5.26 0.82	73.03 5.18 5.12	70.43 4.72 6.95	68.46 4.05 7.95	72.28 3.85 4.23
BAYONEEC___CTG8 323689	61.43 2.87 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	69.15 5.01 8.52	79.74 5.57 -0.83	87.30 5.57 -8.39	77.39 5.26 0.82	73.03 5.18 5.12	70.43 4.72 6.95	68.46 4.05 7.95	72.28 3.85 4.23
BAYONEEC___CTG9 323749	61.43 2.87 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.66 2.59 -0.01	78.30 3.65 -7.05	82.06 4.57 -5.07	81.88 4.42 -5.08	68.86 4.25 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	69.15 5.01 8.52	79.74 5.57 -0.83	87.30 5.57 -8.39	77.39 5.26 0.82	73.03 5.18 5.12	70.43 4.72 6.95	68.46 4.05 7.95	72.28 3.85 4.23
BEACON___LESR 323632	61.31 2.75 0.00	56.51 2.69 0.00	56.46 2.64 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.80 2.70 -0.04	105.92 2.97 -35.36	101.08 3.26 -25.38	101.01 3.18 -25.44	68.49 3.03 -1.05	66.82 3.06 0.00	64.46 2.84 0.00	63.84 2.69 0.00	63.09 2.78 0.00	60.32 2.60 0.00	66.62 2.56 0.00	76.29 3.63 0.00	102.96 3.74 -25.88	107.12 3.59 -30.18	99.48 3.57 -22.96	87.92 3.72 -11.24	76.29 3.63 0.00	75.76 3.40 0.00	91.76 3.78 -15.33
BEAVER RIVER___HYD 24048	59.49 0.93 0.00	54.47 0.65 0.00	54.48 0.65 0.00	54.12 0.64 0.00	54.14 0.75 0.00	56.22 1.16 0.00	69.22 1.62 0.00	74.31 1.88 0.00	74.26 1.88 0.00	65.89 1.48 0.00	64.96 1.21 0.00	62.86 1.23 0.00	62.49 1.34 0.00	61.46 1.14 0.00	58.88 1.15 0.00	65.53 1.47 0.00	73.97 1.31 0.00	74.85 1.47 -0.04	75.69 1.69 -0.65	74.41 1.46 0.00	74.71 1.75 0.00	74.33 1.67 0.00	74.24 1.88 0.00	74.25 1.60 0.00
BEEBEE_GT_13 23619	54.75 -3.81 0.00	51.03 -2.80 0.00	51.08 -2.75 0.00	50.91 -2.57 0.00	50.88 -2.51 0.00	52.75 -2.31 0.00	63.95 -3.65 0.00	67.94 -4.49 0.00	67.89 -4.49 0.00	59.95 -4.44 0.01	59.63 -4.08 0.04	57.67 -3.94 0.01	57.60 -3.55 0.00	56.76 -3.56 0.00	54.26 -3.46 0.00	60.34 -3.71 0.00	68.30 -4.36 0.00	71.93 -2.93 -1.53	72.95 -3.15 -2.76	69.72 -4.52 -1.29	69.22 -4.38 -0.63	68.66 -4.00 0.00	68.02 -4.34 0.00	69.82 -2.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	62.30 3.75 0.00	57.48 3.66 0.00	57.22 3.39 0.00	56.69 3.21 0.00	56.60 3.20 0.00	58.32 3.25 -0.01	79.04 4.39 -7.05	83.00 5.50 -5.07	82.67 5.21 -5.08	69.64 5.02 -0.21	68.67 4.91 0.00	66.37 4.75 0.00	65.61 4.46 0.00	64.84 4.52 0.00	61.99 4.27 0.00	68.79 4.74 0.00	78.69 6.03 0.00	90.45 6.67 -10.44	99.35 6.67 -19.33	87.95 6.20 -8.80	83.47 6.20 -4.31	78.32 5.67 0.00	77.14 4.78 0.00	80.16 4.72 -2.78
BETHLEHEM___GRP 23843	60.37 1.82 0.00	55.71 1.88 0.00	55.66 1.83 0.00	55.24 1.76 0.00	55.15 1.76 0.00	56.87 1.76 -0.04	104.59 1.83 -35.17	99.79 2.10 -25.25	99.72 2.03 -25.31	67.51 2.06 -1.05	65.93 2.17 0.00	63.66 2.03 0.00	63.05 1.90 0.00	62.25 1.93 0.00	59.57 1.85 0.00	65.65 1.60 0.00	74.98 2.33 0.00	101.08 2.27 -25.47	105.46 2.13 -29.99	97.64 2.12 -22.57	86.35 2.33 -11.05	74.98 2.33 0.00	74.46 2.10 0.00	90.15 2.54 -14.95
BETHLEHEM___GS1 323560	60.37 1.82 0.00	55.71 1.88 0.00	55.71 1.88 0.00	55.24 1.76 0.00	55.15 1.76 0.00	56.87 1.76 -0.04	104.60 1.83 -35.17	99.79 2.10 -25.25	99.72 2.02 -25.31	67.51 2.06 -1.05	65.93 2.17 0.00	63.66 2.03 0.00	63.05 1.90 0.00	62.25 1.93 0.00	59.57 1.85 0.00	65.65 1.60 0.00	74.98 2.32 0.00	101.08 2.28 -25.47	105.46 2.13 -29.99	97.71 2.19 -22.57	86.35 2.33 -11.05	74.98 2.32 0.00	74.46 2.10 0.00	90.15 2.54 -14.95
BETHLEHEM___GS2 323561	60.37 1.82 0.00	55.71 1.88 0.00	55.71 1.88 0.00	55.24 1.76 0.00	55.15 1.76 0.00	56.87 1.76 -0.04	104.60 1.83 -35.17	99.79 2.10 -25.25	99.72 2.02 -25.31	67.51 2.06 -1.05	65.93 2.17 0.00	63.66 2.03 0.00	63.05 1.90 0.00	62.25 1.93 0.00	59.57 1.85 0.00	65.65 1.60 0.00	74.98 2.32 0.00	101.08 2.28 -25.47	105.46 2.13 -29.99	97.71 2.19 -22.57	86.35 2.33 -11.05	74.98 2.32 0.00	74.46 2.10 0.00	90.15 2.54 -14.95
BETHLEHEM___GS3 323562	60.37 1.82 0.00	55.71 1.88 0.00	55.71 1.88 0.00	55.24 1.76 0.00	55.15 1.76 0.00	56.87 1.76 -0.04	104.60 1.83 -35.17	99.79 2.10 -25.25	99.72 2.02 -25.31	67.51 2.06 -1.05	65.93 2.17 0.00	63.66 2.03 0.00	63.05 1.90 0.00	62.25 1.93 0.00	59.57 1.85 0.00	65.65 1.60 0.00	74.98 2.32 0.00	101.08 2.28 -25.47	105.46 2.13 -29.99	97.71 2.19 -22.57	86.35 2.33 -11.05	74.98 2.32 0.00	74.46 2.10 0.00	90.15 2.54 -14.95
BETHLEHEM___STEEL 23779	52.76 -5.80 0.00	49.46 -4.36 0.00	49.52 -4.31 0.00	49.42 -4.06 0.00	49.33 -4.06 0.00	51.32 -3.74 0.00	61.51 -6.08 0.00	64.68 -7.75 0.00	64.56 -7.82 0.00	56.80 -7.60 0.01	56.71 -7.01 0.04	54.96 -6.66 0.01	55.16 -5.99 0.00	54.47 -5.85 0.00	52.12 -5.60 0.00	57.84 -6.21 0.00	65.46 -7.19 0.00	68.27 -7.11 -2.05	69.64 -7.33 -3.63	67.17 -7.51 -1.74	66.73 -7.08 -0.85	66.26 -6.39 0.00	65.92 -6.44 0.00	68.73 -3.92 0.00
BETHLHEM_115KV_TB1 79974	60.37 1.82 0.00	55.71 1.88 0.00	55.66 1.83 0.00	55.24 1.76 0.00	55.15 1.76 0.00	56.87 1.76 -0.04	102.79 1.89 -33.30	98.51 2.17 -23.90	98.44 2.10 -23.96	67.52 2.13 -0.99	65.93 2.17 0.00	63.66 2.03 0.00	63.05 1.90 0.00	62.25 1.93 0.00	59.57 1.85 0.00	65.72 1.67 0.00	75.05 2.40 0.00	100.26 2.35 -24.57	105.14 2.27 -29.52	96.95 2.26 -21.74	86.02 2.41 -10.65	74.98 2.33 0.00	74.46 2.10 0.00	89.34 2.54 -14.14
BETHPAGE_CC_5 323564	74.20 3.86 -11.78	69.70 3.88 -12.00	60.94 3.77 -3.35	63.41 3.64 -6.30	60.89 3.63 -3.87	68.91 3.63 -10.21	84.10 4.87 -11.63	124.06 5.80 -45.83	119.13 5.72 -41.03	93.35 5.21 -23.74	80.05 5.10 -11.18	67.32 4.87 -0.83	65.61 4.46 0.00	65.24 4.64 -0.28	69.98 4.45 -7.81	79.01 4.93 -10.03	112.65 6.25 -33.75	122.01 6.82 -41.85	117.59 6.74 -37.50	112.44 6.71 -32.78	110.25 6.34 -30.95	97.76 5.96 -19.15	97.05 5.43 -19.26	87.62 5.30 -9.66
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	52.88 -5.68 0.00	49.52 -4.31 0.00	49.58 -4.25 0.00	49.47 -4.01 0.00	49.39 -4.00 0.00	51.38 -3.69 0.00	61.65 -5.95 0.00	64.83 -7.61 0.00	64.71 -7.67 0.00	56.93 -7.47 0.01	56.83 -6.89 0.04	55.09 -6.53 0.01	55.28 -5.87 0.00	54.59 -5.73 0.00	52.24 -5.48 0.00	58.03 -6.02 0.00	65.68 -6.98 0.00	68.22 -7.19 -2.07	69.61 -7.41 -3.67	67.49 -7.22 -1.76	66.96 -6.86 -0.86	66.55 -6.10 0.00	66.21 -6.15 0.00	68.95 -3.71 0.00

BINGHAMTON___COGEN 23790	57.39 -1.17 0.00	53.18 -0.65 0.00	53.18 -0.65 0.00	52.89 -0.59 0.00	52.80 -0.59 0.00	54.57 -0.50 0.00	70.12 -0.74 -3.27	73.99 -0.80 -2.35	73.88 -0.87 -2.36	63.47 -1.03 -0.09	62.79 -0.96 0.02	60.64 -0.99 0.00	60.29 -0.86 0.00	59.47 -0.84 0.00	56.91 -0.81 0.00	63.28 -0.77 0.00	72.00 -0.65 0.00	76.99 -0.37 -4.03	79.76 -0.37 -6.78	75.95 -0.44 -3.44	74.21 -0.44 -1.68	72.15 -0.51 0.00	71.71 -0.65 0.00	73.81 -0.15 -1.30
BIXINCNT_115KV_LOAD 355685	51.06 -7.50 0.00	47.85 -5.97 0.00	47.96 -5.87 0.00	47.86 -5.62 0.00	47.84 -5.55 0.00	49.78 -5.29 0.00	61.75 -7.57 -1.72	64.69 -8.98 -1.24	64.36 -9.26 -1.24	55.82 -8.63 -0.04	55.56 -8.16 0.04	54.10 -7.52 0.01	54.36 -6.79 0.00	53.80 -6.51 0.00	51.55 -6.18 0.00	57.26 -6.79 0.00	64.74 -7.92 0.00	66.73 -8.80 -2.20	68.87 -8.36 -3.88	67.60 -7.22 -1.87	67.31 -6.57 -0.91	66.77 -5.89 0.00	66.72 -5.64 0.00	69.71 -3.63 -0.68
BLACK RIVER___HYD 24047	59.67 1.11 0.00	54.74 0.91 0.00	54.74 0.91 0.00	54.39 0.91 0.00	54.46 1.07 0.00	56.66 1.60 0.00	69.82 2.23 0.00	75.12 2.68 0.00	75.06 2.68 0.00	66.34 1.93 0.00	65.35 1.59 0.00	63.23 1.60 0.00	62.92 1.77 0.00	61.82 1.51 0.00	59.22 1.50 0.00	66.10 2.05 0.00	74.83 2.18 0.00	76.11 2.72 -0.06	77.28 3.01 -0.92	75.57 2.62 0.00	75.73 2.77 0.00	75.20 2.54 0.00	74.96 2.60 0.00	75.05 2.39 0.00
BLACKRVR_115KV_TB2 79977	59.67 1.11 0.00	54.74 0.92 0.00	54.74 0.92 0.00	54.39 0.91 0.00	54.46 1.07 0.00	56.66 1.60 0.00	69.83 2.23 0.00	75.11 2.68 0.00	75.06 2.68 0.00	66.34 1.93 0.00	65.35 1.59 0.00	63.23 1.60 0.00	62.86 1.71 0.00	61.82 1.51 0.00	59.22 1.50 0.00	66.10 2.05 0.00	74.69 2.03 0.00	75.97 2.57 -0.06	77.16 2.86 -0.95	75.43 2.48 0.00	75.59 2.63 0.00	75.05 2.40 0.00	74.82 2.46 0.00	74.91 2.25 0.00
BLISS_WT_PWR 323608	50.59 -7.96 0.00	47.36 -6.46 0.00	47.42 -6.41 0.00	47.49 -5.99 0.00	47.46 -5.93 0.00	49.56 -5.51 0.00	61.54 -7.77 -1.72	64.48 -9.20 -1.24	64.07 -9.56 -1.24	55.50 -8.95 -0.04	55.11 -8.61 0.04	53.91 -7.71 0.01	54.24 -6.91 0.00	53.68 -6.63 0.00	51.49 -6.24 0.00	57.13 -6.92 0.00	64.23 -8.43 0.00	66.22 -9.31 -2.20	68.41 -8.80 -3.86	67.52 -7.29 -1.87	67.24 -6.64 -0.91	66.63 -6.03 0.00	67.01 -5.35 0.00	69.49 -3.85 -0.68
BLUESTONE___WT_PWR 323821	60.26 1.70 0.00	55.71 1.88 0.00	55.66 1.83 0.00	55.24 1.76 0.00	55.15 1.76 0.00	57.22 2.15 -0.01	76.46 2.90 -5.96	79.98 3.26 -4.28	79.79 3.11 -4.30	66.90 2.32 -0.18	65.85 2.10 0.01	63.47 1.85 0.00	63.16 2.01 0.00	62.12 1.81 0.00	59.45 1.73 0.00	66.35 2.30 0.00	75.85 3.19 0.00	83.14 4.10 -5.70	85.76 4.47 -7.94	82.22 4.30 -4.97	79.77 4.38 -2.43	76.80 4.14 0.00	76.41 4.05 0.00	79.24 4.21 -2.37
BLUE_CIRC_CHEM_DRP 24182	62.54 3.98 0.00	57.70 3.88 0.00	57.60 3.77 0.00	57.17 3.69 0.00	57.02 3.63 0.00	58.90 3.80 -0.03	99.41 3.92 -27.90	96.37 3.91 -20.03	96.08 3.62 -20.08	68.39 3.16 -0.83	67.07 3.32 0.00	64.65 3.02 0.00	64.02 2.87 0.00	63.33 3.02 0.00	60.67 2.94 0.00	67.25 3.20 0.00	75.42 2.76 0.00	96.92 2.79 -20.79	103.35 2.79 -27.22	93.91 2.70 -18.25	84.75 2.85 -8.94	75.49 2.83 0.00	74.97 2.61 0.00	86.41 2.91 -10.85
BOC_GAS_DRP 24189	60.20 1.64 0.00	55.55 1.72 0.00	55.55 1.72 0.00	55.14 1.66 0.00	55.05 1.66 0.00	56.69 1.60 -0.03	92.36 1.89 -22.87	91.02 2.17 -16.42	90.94 2.10 -16.46	67.08 2.00 -0.68	65.80 2.04 0.00	63.54 1.91 0.00	62.92 1.77 0.00	62.13 1.81 0.00	59.45 1.73 0.00	65.84 1.79 0.00	75.05 2.40 0.00	95.48 2.57 -19.58	102.77 2.49 -26.93	92.47 2.41 -17.11	83.82 2.48 -8.38	74.98 2.33 0.00	74.46 2.10 0.00	84.57 2.25 -9.66
BOONVILLE_115KV_TB1 79983	59.90 1.35 0.00	55.06 1.24 0.00	55.12 1.29 0.00	54.71 1.23 0.00	54.73 1.33 0.00	56.66 1.60 0.00	69.76 2.16 0.00	75.11 2.68 0.00	75.13 2.75 0.00	66.59 2.19 0.00	65.66 1.91 0.01	63.53 1.91 0.00	63.17 2.02 0.00	62.19 1.87 0.00	59.45 1.73 0.00	66.16 2.11 0.00	74.84 2.18 0.00	75.87 2.49 -0.04	76.65 2.71 -0.59	75.43 2.48 0.00	75.44 2.48 0.00	74.98 2.33 0.00	74.68 2.32 0.00	74.91 2.25 0.00
BORALEX_4TH_BRANCH 23824	62.25 3.69 0.00	57.43 3.61 0.00	57.38 3.55 0.00	56.96 3.48 0.00	56.92 3.52 0.00	58.76 3.63 -0.06	125.51 4.66 -53.25	115.88 5.22 -38.23	115.84 5.14 -38.32	70.57 4.57 -1.59	68.22 4.46 0.00	65.94 4.31 0.00	65.25 4.10 0.00	64.42 4.10 0.00	61.59 3.87 0.00	68.34 4.29 0.00	77.89 5.23 0.00	110.82 5.65 -31.83	112.20 5.72 -33.14	106.91 5.47 -28.49	92.38 5.47 -13.95	77.89 5.23 0.00	77.21 4.85 0.00	98.37 5.01 -20.70
BOWLINE___1 23526	60.72 2.17 0.00	56.08 2.26 0.00	55.98 2.16 0.00	55.56 2.08 0.00	55.47 2.08 0.00	57.05 1.98 -0.01	77.32 2.90 -6.82	80.88 3.55 -4.89	80.76 3.47 -4.91	67.89 3.28 -0.20	66.95 3.19 0.00	64.64 3.02 0.00	63.90 2.75 0.00	63.15 2.84 0.00	60.44 2.71 0.00	67.00 2.95 0.00	76.58 3.92 0.00	87.85 4.40 -10.12	96.49 4.40 -18.75	85.64 4.16 -8.53	81.30 4.16 -4.18	76.36 3.70 0.00	75.54 3.18 0.00	78.47 3.12 -2.69
BOWLINE___2 23595	60.84 2.28 0.00	56.19 2.37 0.00	56.09 2.26 0.00	55.62 2.14 0.00	55.53 2.14 0.00	57.17 2.09 -0.01	77.38 2.97 -6.82	81.02 3.69 -4.90	80.91 3.62 -4.91	67.95 3.35 -0.20	67.01 3.25 0.00	64.71 3.08 0.00	63.96 2.81 0.00	63.21 2.90 0.00	60.49 2.77 0.00	67.13 3.07 0.00	76.65 3.99 0.00	88.00 4.55 -10.12	96.64 4.55 -18.75	85.78 4.30 -8.53	81.37 4.23 -4.18	76.50 3.85 0.00	75.62 3.26 0.00	78.54 3.19 -2.69
BRADY___115KV_TB2 356060	60.02 1.46 0.00	54.52 0.70 0.00	54.53 0.70 0.00	54.28 0.80 0.00	54.14 0.75 0.00	56.00 0.94 0.00	68.68 1.08 0.00	73.01 0.58 0.00	72.96 0.58 0.00	65.11 0.71 0.00	64.46 0.70 0.00	62.37 0.74 0.00	62.01 0.86 0.00	61.04 0.72 0.00	58.47 0.75 0.00	65.01 0.96 0.00	72.73 0.07 0.00	72.53 -0.81 0.00	72.54 -0.81 0.00	72.81 -0.15 0.00	72.96 0.00 0.00	73.09 0.44 0.00	73.66 1.30 0.00	73.31 0.65 0.00
BRANSCOMB___SOLAR 323811	62.36 3.80 0.00	57.49 3.66 0.00	57.38 3.55 0.00	56.95 3.47 0.00	56.86 3.47 0.00	58.90 3.75 -0.08	144.00 4.73 -71.67	129.03 5.14 -51.45	129.02 5.07 -51.57	70.98 4.44 -2.14	68.03 4.27 0.00	65.57 3.95 0.00	64.88 3.73 0.00	64.12 3.80 0.00	61.30 3.58 0.00	68.15 4.10 0.00	77.89 5.23 0.00	119.20 5.57 -40.30	116.92 5.65 -37.93	114.74 5.47 -36.32	96.22 5.47 -17.79	77.96 5.30 0.00	77.35 4.99 0.00	106.02 5.23 -28.13
BRENTWOD_69_KV_W. BRTWOOD 56703	75.43 5.09 -11.78	70.78 4.95 -12.00	61.91 4.74 -3.35	64.43 4.65 -6.30	61.91 4.65 -3.87	70.12 4.85 -10.21	85.59 6.35 -11.63	125.72 7.46 -45.83	120.65 7.24 -41.03	94.64 6.50 -23.74	81.32 6.38 -11.18	68.62 6.16 -0.83	67.08 5.93 0.00	66.57 5.97 -0.28	71.25 5.71 -7.81	80.29 6.21 -10.03	114.18 7.77 -33.75	123.56 8.36 -41.86	119.15 8.29 -37.51	113.55 7.81 -32.79	111.75 7.73 -31.05	99.29 7.48 -19.15	98.42 6.80 -19.26	89.08 6.76 -9.66



BRISTLHL_115KV_TB1 79998	56.27 -2.28 0.00	51.94 -1.88 0.00	51.94 -1.88 0.00	51.66 -1.82 0.00	51.58 -1.82 0.00	53.36 -1.71 0.00	65.43 -2.16 0.00	70.12 -2.32 0.00	70.07 -2.32 0.00	62.22 -2.19 0.00	61.60 -2.17 -0.01	59.53 -2.10 0.00	59.19 -1.96 0.00	58.33 -1.99 0.00	55.88 -1.85 0.00	62.07 -1.99 0.00	70.33 -2.33 0.00	71.60 -1.83 -0.10	72.98 -1.83 -1.47	70.69 -2.26 0.00	70.70 -2.26 0.00	70.33 -2.33 0.00	69.90 -2.46 0.00	70.55 -2.11 0.00
BROOKHAVEN___DRP 24191	75.20 4.86 -11.78	70.67 4.84 -12.00	61.75 4.58 -3.35	64.27 4.49 -6.30	61.69 4.43 -3.87	69.95 4.68 -10.21	85.31 6.08 -11.63	125.51 7.24 -45.83	120.51 7.09 -41.03	94.45 6.31 -23.74	81.06 6.12 -11.18	68.31 5.85 -0.83	66.84 5.69 0.00	66.27 5.67 -0.28	70.96 5.43 -7.81	80.04 5.96 -10.03	114.03 7.63 -33.75	123.41 8.21 -41.86	118.86 7.99 -37.52	113.33 7.59 -32.79	111.55 7.52 -31.07	98.85 7.05 -19.15	97.99 6.37 -19.26	88.64 6.32 -9.66
BROOKLYN_NAVY_YARD 23515	61.48 2.93 0.00	56.78 2.96 0.00	56.62 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.72 2.64 -0.01	78.37 3.72 -7.05	82.20 4.71 -5.07	82.10 4.64 -5.08	69.06 4.44 -0.21	68.03 4.27 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.18 3.86 0.00	61.36 3.64 0.00	68.09 4.04 0.00	77.89 5.23 0.00	89.64 5.87 -10.44	98.47 5.79 -19.33	87.23 5.47 -8.80	82.75 5.47 -4.31	77.60 4.94 0.00	76.56 4.20 0.00	79.43 3.99 -2.78
BROOKLYN___ARMY_DRP 323595	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
BROOKVLE_69_KV_TB1 55790	74.61 4.27 -11.78	70.02 4.20 -12.00	61.21 4.04 -3.35	63.73 3.96 -6.30	61.16 3.90 -3.87	69.29 4.02 -10.21	84.37 5.14 -11.63	124.35 6.08 -45.83	119.49 6.08 -41.03	93.74 5.60 -23.74	80.43 5.48 -11.18	67.69 5.24 -0.83	66.16 5.01 0.00	65.60 5.01 -0.28	70.33 4.79 -7.81	79.33 5.25 -10.03	113.01 6.61 -33.75	122.45 7.26 -41.85	118.11 7.26 -37.50	112.73 7.00 -32.78	110.95 7.08 -30.92	98.20 6.39 -19.15	97.41 5.79 -19.26	88.06 5.74 -9.66
BROOME_2_LFGE 323671	57.44 -1.11 0.00	53.18 -0.64 0.00	53.18 -0.64 0.00	52.89 -0.59 0.00	52.86 -0.53 0.00	54.63 -0.44 0.00	70.19 -0.68 -3.27	74.06 -0.72 -2.35	73.95 -0.79 -2.36	63.47 -1.03 -0.09	62.79 -0.95 0.02	60.63 -0.99 0.00	60.35 -0.80 0.00	59.47 -0.84 0.00	56.97 -0.75 0.00	63.29 -0.77 0.00	72.00 -0.66 0.00	76.99 -0.36 -4.02	79.74 -0.36 -6.75	76.03 -0.36 -3.44	74.28 -0.36 -1.68	72.22 -0.43 0.00	71.86 -0.50 0.00	73.88 -0.07 -1.30
BROOME___LFGE 323600	57.44 -1.11 0.00	53.18 -0.64 0.00	53.18 -0.64 0.00	52.89 -0.59 0.00	52.86 -0.53 0.00	54.63 -0.44 0.00	70.19 -0.68 -3.27	74.06 -0.72 -2.35	73.95 -0.79 -2.36	63.47 -1.03 -0.09	62.79 -0.95 0.02	60.63 -0.99 0.00	60.35 -0.80 0.00	59.47 -0.84 0.00	56.97 -0.75 0.00	63.29 -0.77 0.00	72.00 -0.66 0.00	76.99 -0.36 -4.02	79.74 -0.36 -6.75	76.03 -0.36 -3.44	74.28 -0.36 -1.68	72.22 -0.43 0.00	71.86 -0.50 0.00	73.88 -0.07 -1.30
BROWNFLS_115KV_TB_3_5 80003	59.26 0.70 0.00	54.09 0.27 0.00	54.10 0.27 0.00	53.80 0.32 0.00	53.71 0.32 0.00	55.67 0.61 0.00	68.48 0.88 0.00	73.16 0.72 0.00	73.18 0.80 0.00	65.11 0.71 0.00	64.33 0.57 0.00	62.24 0.62 0.00	61.88 0.73 0.00	60.92 0.60 0.00	58.30 0.58 0.00	64.76 0.70 0.00	72.66 0.00 0.00	72.85 -0.51 -0.03	73.46 -0.37 -0.48	72.73 -0.22 0.00	73.18 0.22 0.00	73.17 0.51 0.00	73.45 1.09 0.00	73.31 0.65 0.00
BROWNSV1_27_KV_LOAD 356125	61.95 3.40 0.00	57.22 3.39 0.00	57.06 3.23 0.00	56.58 3.10 0.00	56.49 3.10 0.00	58.21 3.14 -0.01	78.84 4.19 -7.05	82.71 5.22 -5.07	82.60 5.14 -5.08	69.45 4.83 -0.21	68.41 4.65 0.00	66.12 4.50 0.00	65.43 4.28 0.00	64.60 4.28 0.00	61.82 4.10 0.00	68.53 4.48 0.00	78.40 5.74 0.00	90.15 6.38 -10.44	98.99 6.31 -19.33	87.73 5.98 -8.80	83.25 5.98 -4.31	78.11 5.45 0.00	77.07 4.70 0.00	80.01 4.58 -2.78
BURROWS___LYONSDAL 23803	59.79 1.23 0.00	54.95 1.13 0.00	54.96 1.13 0.00	54.55 1.07 0.00	54.57 1.17 0.00	56.55 1.49 0.00	69.69 2.10 0.00	74.97 2.54 0.00	74.99 2.61 0.00	66.46 2.06 0.00	65.54 1.79 0.01	63.41 1.79 0.00	62.98 1.83 0.00	62.00 1.69 0.00	59.34 1.62 0.00	66.04 1.99 0.00	74.69 2.03 0.00	75.65 2.27 -0.04	76.45 2.49 -0.61	75.21 2.26 0.00	75.30 2.33 0.00	74.84 2.18 0.00	74.53 2.17 0.00	74.76 2.11 0.00
CAITHNESS_CC_1 323624	75.08 4.74 -11.78	70.56 4.74 -12.00	61.70 4.52 -3.35	64.16 4.39 -6.30	61.59 4.32 -3.87	69.79 4.52 -10.21	85.25 6.01 -11.63	125.36 7.10 -45.83	120.36 6.95 -41.03	94.32 6.18 -23.74	80.93 5.99 -11.18	68.12 5.67 -0.83	66.41 5.26 0.00	66.14 5.55 -0.28	70.79 5.25 -7.81	79.91 5.83 -10.03	113.89 7.49 -33.75	123.19 7.99 -41.86	118.71 7.85 -37.51	113.19 7.44 -32.79	111.48 7.45 -31.07	98.71 6.91 -19.15	97.91 6.29 -19.26	88.49 6.17 -9.66
CALPINE BETH_PAGE_GT4 24209	74.14 3.81 -11.78	69.59 3.77 -12.00	60.84 3.66 -3.35	63.31 3.53 -6.30	60.79 3.52 -3.87	68.85 3.58 -10.21	84.03 4.80 -11.63	123.98 5.72 -45.83	119.06 5.65 -41.03	93.29 5.15 -23.74	79.98 5.04 -11.18	67.26 4.81 -0.83	65.74 4.59 0.00	65.18 4.58 -0.28	69.98 4.44 -7.81	78.95 4.87 -10.03	112.51 6.10 -33.75	121.93 6.75 -41.85	117.59 6.75 -37.50	112.37 6.64 -32.78	110.72 6.86 -30.90	97.76 5.96 -19.15	96.90 5.28 -19.26	87.55 5.23 -9.66
CALPINE_BETH_PAGE_GT_4 323586	74.14 3.80 -11.78	69.59 3.77 -12.00	60.84 3.66 -3.35	63.30 3.53 -6.30	60.79 3.52 -3.87	68.80 3.53 -10.21	84.03 4.80 -11.63	123.98 5.72 -45.83	119.06 5.65 -41.03	93.29 5.15 -23.74	79.98 5.04 -11.18	67.26 4.81 -0.83	65.55 4.41 0.00	65.18 4.58 -0.28	69.92 4.38 -7.81	78.95 4.87 -10.03	112.57 6.17 -33.75	121.93 6.74 -41.85	117.59 6.74 -37.50	112.44 6.71 -32.78	110.14 6.28 -30.90	97.76 5.96 -19.15	96.97 5.35 -19.26	87.55 5.23 -9.66
CALPINE_BP_GT1 23823	74.14 3.80 -11.78	69.59 3.77 -12.00	60.84 3.66 -3.35	63.30 3.53 -6.30	60.79 3.52 -3.87	68.80 3.53 -10.21	84.03 4.80 -11.63	123.98 5.72 -45.83	119.06 5.65 -41.03	93.29 5.15 -23.74	79.98 5.04 -11.18	67.26 4.81 -0.83	65.55 4.41 0.00	65.18 4.58 -0.28	69.92 4.38 -7.81	78.95 4.87 -10.03	112.57 6.17 -33.75	121.93 6.74 -41.85	117.59 6.74 -37.50	112.44 6.71 -32.78	110.14 6.28 -30.90	97.76 5.96 -19.15	96.97 5.35 -19.26	87.55 5.23 -9.66
CALSPAN___DRP 24200	52.76 -5.80 0.00	49.46 -4.36 0.00	49.52 -4.31 0.00	49.42 -4.06 0.00	49.33 -4.06 0.00	51.32 -3.74 0.00	61.51 -6.08 0.00	64.68 -7.75 0.00	64.56 -7.82 0.00	56.80 -7.60 0.01	56.71 -7.01 0.04	54.96 -6.66 0.01	55.16 -5.99 0.00	54.47 -5.85 0.00	52.12 -5.60 0.00	57.84 -6.21 0.00	65.46 -7.19 0.00	68.27 -7.11 -2.05	69.64 -7.33 -3.63	67.17 -7.51 -1.74	66.73 -7.08 -0.85	66.26 -6.39 0.00	65.92 -6.44 0.00	68.73 -3.92 0.00

CALVERTON___SOLAR 323806	75.37 5.04 -11.78	70.77 4.95 -12.00	61.92 4.74 -3.35	64.43 4.65 -6.30	61.85 4.59 -3.87	70.01 4.74 -10.21	85.58 6.35 -11.63	125.72 7.46 -45.83	120.72 7.31 -41.03	94.64 6.50 -23.74	81.19 6.25 -11.18	68.37 5.92 -0.83	66.59 5.44 0.00	66.39 5.79 -0.28	71.02 5.49 -7.81	80.17 6.09 -10.03	114.25 7.85 -33.75	123.63 8.43 -41.86	119.07 8.21 -37.51	113.55 7.81 -32.79	111.76 7.73 -31.07	99.00 7.19 -19.15	98.20 6.58 -19.26	88.78 6.46 -9.66
CANDIGU_WT_PWR 323617	54.16 -4.39 0.00	50.44 -3.39 0.00	50.44 -3.39 0.00	50.22 -3.26 0.00	50.13 -3.26 0.00	52.15 -2.92 0.00	65.47 -4.26 -2.13	68.90 -5.07 -1.53	68.64 -5.28 -1.54	59.05 -5.41 -0.06	58.50 -5.23 0.03	56.69 -4.93 0.01	56.81 -4.34 0.00	55.92 -4.40 0.00	53.68 -4.04 0.00	59.69 -4.36 0.00	68.15 -4.50 0.00	71.95 -4.11 -2.72	73.90 -4.18 -4.73	71.40 -3.87 -2.31	70.52 -3.57 -1.13	69.17 -3.49 0.00	69.03 -3.33 0.00	71.25 -2.25 -0.84
CARR STREET_E_SYR 24060	56.33 -2.23 0.00	52.05 -1.77 0.00	52.05 -1.77 0.00	51.72 -1.76 0.00	51.68 -1.71 0.00	53.47 -1.60 0.00	65.63 -1.96 0.00	70.41 -2.03 0.00	70.28 -2.10 0.00	62.34 -2.06 0.01	61.69 -2.04 0.03	59.65 -1.97 0.01	59.32 -1.83 0.00	58.51 -1.81 0.00	55.99 -1.73 0.00	62.13 -1.92 0.00	70.55 -2.11 0.00	71.83 -1.61 -0.11	73.35 -1.61 -1.62	70.99 -1.97 0.00	70.99 -1.97 0.00	70.55 -2.11 0.00	70.19 -2.17 0.00	70.84 -1.81 0.00
CARTHAGE___PAPER 23857	59.55 0.99 0.00	54.52 0.70 0.00	54.53 0.70 0.00	54.17 0.69 0.00	54.24 0.85 0.00	56.39 1.32 0.00	69.49 1.89 0.00	74.68 2.25 0.00	74.63 2.25 0.00	66.08 1.67 0.00	65.16 1.40 0.00	63.04 1.42 0.00	62.68 1.53 0.00	61.64 1.33 0.00	58.99 1.27 0.00	65.78 1.73 0.00	74.33 1.67 0.00	75.29 1.90 -0.05	76.36 2.20 -0.82	74.92 1.97 0.00	75.08 2.12 0.00	74.69 2.03 0.00	74.53 2.17 0.00	74.54 1.89 0.00
CASSADAGA_WT_PWR 323784	53.52 -5.04 0.00	50.06 -3.77 0.00	50.01 -3.82 0.00	49.95 -3.53 0.00	49.87 -3.53 0.00	52.15 -2.92 0.00	62.80 -4.80 0.00	66.28 -6.16 0.00	66.08 -6.30 0.00	58.02 -6.38 0.01	57.86 -5.86 0.04	56.38 -5.24 0.01	56.63 -4.52 0.00	55.79 -4.52 0.00	53.51 -4.21 0.00	59.31 -4.74 0.00	66.84 -5.82 0.00	69.76 -5.72 -2.14	71.24 -5.87 -3.77	69.30 -5.47 -1.82	68.89 -4.96 -0.89	68.22 -4.43 0.00	68.31 -4.05 0.00	70.48 -2.18 0.00
CE_DUNWOOD___DRP 24194	61.37 2.81 0.00	56.68 2.85 0.00	56.52 2.69 0.00	56.10 2.62 0.00	55.95 2.56 0.00	57.66 2.59 -0.01	78.15 3.52 -7.04	81.84 4.35 -5.06	81.72 4.27 -5.07	68.61 3.99 -0.21	67.65 3.89 0.00	65.38 3.76 0.00	64.64 3.49 0.00	63.81 3.50 0.00	61.07 3.35 0.00	67.70 3.65 0.00	77.38 4.72 0.00	89.03 5.28 -10.41	97.92 5.28 -19.29	86.69 4.96 -8.78	82.22 4.96 -4.30	77.16 4.50 0.00	76.27 3.91 0.00	79.28 3.85 -2.78
CE_MILLWOOD___DRP 24193	61.19 2.64 0.00	56.52 2.69 0.00	56.41 2.58 0.00	55.99 2.51 0.00	55.90 2.51 0.00	57.55 2.48 -0.01	77.99 3.38 -7.01	81.60 4.13 -5.04	81.48 4.05 -5.05	68.41 3.80 -0.21	67.46 3.70 0.00	65.20 3.57 0.00	64.45 3.30 0.00	63.69 3.38 0.00	60.96 3.23 0.00	67.57 3.52 0.00	77.16 4.50 0.00	88.77 5.06 -10.38	97.63 5.06 -19.22	86.44 4.74 -8.75	81.99 4.74 -4.28	77.02 4.36 0.00	76.05 3.69 0.00	79.13 3.71 -2.77
CE_NYC2_DRP 24202	61.84 3.28 0.00	57.05 3.23 0.00	56.84 3.01 0.00	56.37 2.89 0.00	56.28 2.88 0.00	57.99 2.92 -0.01	78.64 3.99 -7.05	82.42 4.93 -5.07	82.24 4.78 -5.08	69.12 4.51 -0.21	68.16 4.40 0.00	65.88 4.25 0.00	65.12 3.97 0.00	64.30 3.98 0.00	61.53 3.81 0.00	68.28 4.23 0.00	78.03 5.38 0.00	89.79 6.01 -10.44	98.62 5.94 -19.33	87.30 5.54 -8.80	82.82 5.55 -4.31	77.67 5.01 0.00	76.63 4.27 0.00	79.65 4.21 -2.78
CE_NYC_DRP 24195	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	78.44 3.79 -7.05	82.21 4.71 -5.07	82.02 4.56 -5.08	68.99 4.38 -0.21	67.97 4.21 0.00	65.69 4.07 0.00	65.00 3.85 0.00	64.18 3.86 0.00	61.42 3.69 0.00	68.09 4.04 0.00	77.82 5.16 0.00	89.56 5.79 -10.44	98.40 5.72 -19.33	87.08 5.33 -8.80	82.60 5.33 -4.31	77.52 4.87 0.00	76.49 4.12 0.00	79.51 4.07 -2.78
CHAFFEE___LFGE 323603	52.99 -5.56 0.00	49.63 -4.20 0.00	49.57 -4.25 0.00	49.58 -3.90 0.00	49.55 -3.84 0.00	51.70 -3.36 0.00	62.06 -5.54 0.00	65.34 -7.10 0.00	65.14 -7.24 0.00	57.12 -7.28 0.01	56.96 -6.76 0.04	55.40 -6.22 0.01	55.65 -5.50 0.00	54.83 -5.49 0.00	52.59 -5.14 0.00	58.16 -5.89 0.00	65.82 -6.83 0.00	68.49 -6.97 -2.12	69.75 -7.33 -3.74	67.75 -7.00 -1.80	67.28 -6.57 -0.88	66.63 -6.03 0.00	66.72 -5.64 0.00	69.03 -3.63 0.00
CHATEAUG_35_KV_LOAD 355732	57.68 -0.88 0.00	52.37 -1.45 0.00	52.37 -1.45 0.00	52.14 -1.34 0.00	51.95 -1.44 0.00	53.69 -1.38 0.00	65.77 -1.83 0.00	70.33 -2.10 0.00	70.21 -2.17 0.00	62.54 -1.87 0.00	61.97 -1.79 0.00	60.08 -1.54 0.00	59.80 -1.35 0.00	58.81 -1.51 0.00	56.28 -1.44 0.00	62.51 -1.54 0.00	70.48 -2.18 0.00	70.55 -2.79 0.00	70.56 -2.79 0.00	70.98 -1.97 0.00	71.06 -1.90 0.00	71.13 -1.53 0.00	71.57 -0.80 0.00	71.57 -1.09 0.00
CHATEAUG_WT_PWR 323614	57.27 -1.29 0.00	51.99 -1.83 0.00	52.00 -1.83 0.00	51.77 -1.71 0.00	51.63 -1.76 0.00	53.36 -1.71 0.00	65.23 -2.37 0.00	69.75 -2.68 0.00	69.63 -2.75 0.00	62.09 -2.32 0.00	61.53 -2.23 0.00	59.78 -1.85 0.00	59.50 -1.65 0.00	58.45 -1.87 0.00	55.87 -1.85 0.00	62.06 -1.99 0.00	69.97 -2.69 0.00	70.04 -3.30 0.00	70.12 -3.23 0.00	70.40 -2.56 0.00	70.62 -2.34 0.00	70.70 -1.96 0.00	70.98 -1.38 0.00	71.35 -1.31 0.00
CHAT_HIGH_FALL_HYD 323578	57.68 -0.88 0.00	52.37 -1.45 0.00	52.37 -1.45 0.00	52.14 -1.34 0.00	51.95 -1.44 0.00	53.69 -1.38 0.00	65.77 -1.83 0.00	70.33 -2.10 0.00	70.21 -2.17 0.00	62.54 -1.87 0.00	61.97 -1.79 0.00	60.08 -1.54 0.00	59.80 -1.35 0.00	58.81 -1.51 0.00	56.28 -1.44 0.00	62.51 -1.54 0.00	70.48 -2.18 0.00	70.55 -2.79 0.00	70.56 -2.79 0.00	70.98 -1.97 0.00	71.06 -1.90 0.00	71.13 -1.53 0.00	71.57 -0.80 0.00	71.57 -1.09 0.00
CHAUTAUQUA___LFGE 323629	53.11 -5.44 0.00	49.68 -4.14 0.00	49.63 -4.20 0.00	49.63 -3.85 0.00	49.55 -3.84 0.00	51.76 -3.30 0.00	62.19 -5.41 0.00	65.48 -6.95 0.00	65.36 -7.02 0.00	57.31 -7.08 0.01	57.22 -6.50 0.04	55.70 -5.92 0.01	55.95 -5.20 0.00	55.13 -5.19 0.00	52.87 -4.85 0.00	58.54 -5.51 0.00	66.26 -6.39 0.00	69.33 -6.09 -2.08	70.64 -6.38 -3.67	68.37 -6.35 -1.77	67.99 -5.84 -0.87	67.36 -5.30 0.00	67.44 -4.92 0.00	69.75 -2.91 0.00
CHERRYST_13_KV_LD 356241	61.66 3.10 0.00	56.95 3.12 0.00	56.79 2.96 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.94 2.86 -0.01	78.57 3.92 -7.05	82.42 4.93 -5.07	82.24 4.78 -5.08	69.19 4.57 -0.21	68.16 4.40 0.00	65.94 4.31 0.00	65.19 4.04 0.00	64.36 4.04 0.00	61.59 3.87 0.00	68.28 4.23 0.00	78.11 5.45 0.00	89.78 6.01 -10.44	98.62 5.94 -19.33	87.30 5.54 -8.80	82.82 5.55 -4.31	77.74 5.09 0.00	76.70 4.34 0.00	79.65 4.21 -2.78

CHESTROR_138KV_BK263 355645	60.67 2.11 0.00	55.98 2.15 0.00	55.87 2.05 0.00	55.46 1.98 0.00	55.37 1.98 0.00	57.06 1.98 -0.01	76.88 2.77 -6.52	80.44 3.33 -4.68	80.33 3.26 -4.69	67.56 2.96 -0.19	66.63 2.87 0.00	64.40 2.77 0.00	63.72 2.57 0.00	62.91 2.59 0.00	60.26 2.54 0.00	66.80 2.75 0.00	76.29 3.63 0.00	87.14 4.11 -9.70	95.50 4.18 -17.97	84.99 3.87 -8.18	80.83 3.87 -4.00	76.14 3.49 0.00	75.33 2.97 0.00	78.28 3.05 -2.57
CH_MIDHUDSON___DRP 24192	61.43 2.87 0.00	56.68 2.85 0.00	56.63 2.80 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.77 2.70 -0.01	78.69 3.65 -7.44	82.05 4.27 -5.34	81.94 4.20 -5.36	68.49 3.86 -0.22	67.52 3.76 0.00	65.20 3.57 0.00	64.51 3.36 0.00	63.69 3.38 0.00	61.01 3.29 0.00	67.64 3.59 0.00	77.31 4.65 0.00	89.21 5.13 -10.74	98.28 5.21 -19.73	86.91 4.89 -9.07	82.29 4.89 -4.44	77.16 4.50 0.00	76.27 3.91 0.00	79.67 4.07 -2.94
CH_MISC_IPPS 23765	61.60 3.04 0.00	56.84 3.01 0.00	56.79 2.96 0.00	56.37 2.89 0.00	56.27 2.88 0.00	57.94 2.86 -0.01	78.85 3.99 -7.27	82.22 4.57 -5.22	82.03 4.42 -5.23	68.62 3.99 -0.22	67.65 3.89 0.00	65.32 3.70 0.00	64.57 3.42 0.00	63.81 3.50 0.00	61.13 3.40 0.00	67.83 3.78 0.00	77.53 4.87 0.00	89.38 5.50 -10.54	98.29 5.57 -19.38	87.10 5.26 -8.90	82.50 5.18 -4.36	77.45 4.79 0.00	76.63 4.27 0.00	79.89 4.36 -2.88
CH_RES_BVR_FALLS 23983	57.74 -0.82 0.00	52.75 -1.08 0.00	52.80 -1.02 0.00	52.46 -1.02 0.00	52.38 -1.02 0.00	54.02 -1.05 0.00	66.25 -1.35 0.00	70.91 -1.52 0.00	70.86 -1.52 0.00	63.18 -1.23 0.00	62.55 -1.21 0.00	60.52 -1.11 0.00	60.05 -1.10 0.00	59.23 -1.08 0.00	56.62 -1.10 0.00	62.90 -1.15 0.00	70.99 -1.67 0.00	71.28 -2.05 0.00	71.37 -1.98 0.00	71.35 -1.61 0.00	71.43 -1.54 0.00	71.35 -1.31 0.00	71.35 -1.01 0.00	71.49 -1.17 0.00
CH_RES_NIAGARA 23895	51.65 -6.91 0.00	48.55 -5.27 0.00	48.61 -5.22 0.00	48.56 -4.92 0.00	48.43 -4.97 0.00	50.22 -4.85 0.00	59.69 -7.91 0.00	62.37 -10.07 0.00	62.32 -10.06 0.00	54.86 -9.53 0.01	54.92 -8.80 0.04	53.17 -8.44 0.01	53.38 -7.77 0.00	52.66 -7.66 0.00	50.33 -7.39 0.00	55.85 -8.20 0.00	62.99 -9.66 0.00	66.51 -8.73 -1.90	67.55 -9.17 -3.38	64.20 -10.36 -1.61	63.75 -10.00 -0.79	63.50 -9.15 0.00	63.24 -9.12 0.00	66.26 -6.39 0.00
CH_RES_SYRACUSE 23985	56.57 -1.99 0.00	52.26 -1.56 0.00	52.21 -1.61 0.00	51.93 -1.55 0.00	51.90 -1.49 0.00	53.69 -1.37 0.00	65.91 -1.69 0.00	70.63 -1.81 0.00	70.58 -1.81 0.00	62.53 -1.87 0.00	61.89 -1.85 0.01	59.83 -1.79 0.00	59.56 -1.59 0.00	58.69 -1.63 0.00	56.17 -1.56 0.00	62.39 -1.67 0.00	70.84 -1.81 0.00	73.41 -1.25 -1.33	74.50 -1.25 -2.40	72.47 -1.61 -1.12	71.90 -1.61 -0.55	70.91 -1.74 0.00	70.56 -1.81 0.00	71.13 -1.53 0.00
CLINTON_WT_PWR 323605	57.27 -1.29 0.00	51.99 -1.83 0.00	52.00 -1.83 0.00	51.77 -1.71 0.00	51.63 -1.76 0.00	53.36 -1.71 0.00	65.23 -2.37 0.00	69.75 -2.68 0.00	69.63 -2.75 0.00	62.09 -2.32 0.00	61.53 -2.23 0.00	59.78 -1.85 0.00	59.50 -1.65 0.00	58.45 -1.87 0.00	55.87 -1.85 0.00	62.06 -1.99 0.00	69.97 -2.69 0.00	70.04 -3.30 0.00	70.12 -3.23 0.00	70.40 -2.56 0.00	70.62 -2.34 0.00	70.70 -1.96 0.00	70.98 -1.38 0.00	71.35 -1.31 0.00
CLINTON___LFGE 323618	58.21 -0.35 0.00	52.86 -0.97 0.00	52.86 -0.97 0.00	52.68 -0.80 0.00	52.48 -0.91 0.00	54.24 -0.82 0.00	66.11 -1.49 0.00	70.77 -1.66 0.00	70.58 -1.81 0.00	62.86 -1.55 0.00	62.36 -1.40 0.00	60.52 -1.11 0.00	60.23 -0.92 0.00	59.17 -1.15 0.00	56.69 -1.04 0.00	62.96 -1.09 0.00	71.13 -1.53 0.00	71.28 -2.05 0.00	71.29 -2.05 0.00	71.64 -1.31 0.00	71.79 -1.17 0.00	71.79 -0.87 0.00	72.15 -0.22 0.00	72.66 0.00 0.00
COBBLENY_34_KV_TB1 80064	52.94 -5.62 0.00	49.63 -4.20 0.00	49.68 -4.14 0.00	49.58 -3.90 0.00	49.49 -3.90 0.00	51.43 -3.63 0.00	61.78 -5.81 0.00	64.97 -7.46 0.00	64.85 -7.53 0.00	57.05 -7.34 0.01	56.96 -6.76 0.04	55.21 -6.41 0.01	55.34 -5.81 0.00	54.65 -5.67 0.00	52.30 -5.43 0.00	58.09 -5.96 0.00	65.75 -6.90 0.00	68.42 -7.04 -2.12	69.91 -7.19 -3.75	67.53 -7.22 -1.80	67.06 -6.79 -0.88	66.55 -6.10 0.00	66.21 -6.15 0.00	68.95 -3.71 0.00
COFFEEN___115KV_TB3 355620	60.02 1.46 0.00	55.06 1.24 0.00	55.07 1.24 0.00	54.71 1.23 0.00	54.78 1.39 0.00	56.99 1.93 0.00	70.30 2.70 0.00	75.62 3.19 0.00	75.57 3.18 0.00	66.72 2.32 0.00	65.74 1.98 0.00	63.54 1.91 0.00	63.23 2.08 0.00	62.19 1.87 0.00	59.51 1.79 0.00	66.55 2.50 0.00	75.27 2.62 0.00	76.63 3.23 -0.06	77.91 3.59 -0.97	76.09 3.14 0.00	76.17 3.21 0.00	75.64 2.98 0.00	75.40 3.04 0.00	75.49 2.83 0.00
COLDSPRG_115KV_BK1 355956	53.93 -4.63 0.00	50.38 -3.44 0.00	50.44 -3.39 0.00	50.27 -3.21 0.00	50.24 -3.15 0.00	52.31 -2.75 0.00	64.81 -4.53 -1.74	68.04 -5.65 -1.26	67.85 -5.79 -1.26	58.59 -5.86 -0.04	58.43 -5.29 0.04	56.69 -4.93 0.01	56.81 -4.34 0.00	56.15 -4.16 0.00	53.74 -3.98 0.00	59.76 -4.29 0.00	67.72 -4.94 0.00	69.77 -5.79 -2.23	71.48 -5.79 -3.93	69.96 -4.89 -1.89	69.44 -4.45 -0.93	68.88 -3.78 0.00	68.53 -3.84 0.00	71.61 -1.74 -0.69
COLONIE_LFGE___ 323577	61.54 2.98 0.00	56.78 2.96 0.00	56.73 2.90 0.00	56.31 2.83 0.00	56.22 2.83 0.00	58.05 2.92 -0.07	133.91 3.72 -62.60	121.50 4.13 -44.94	121.55 4.12 -45.04	69.94 3.67 -1.87	67.39 3.63 0.00	65.01 3.39 0.00	64.39 3.24 0.00	63.57 3.25 0.00	60.78 3.06 0.00	67.44 3.39 0.00	76.87 4.21 0.00	113.77 4.47 -35.96	113.34 4.47 -35.52	109.64 4.38 -32.31	93.16 4.38 -15.82	76.80 4.14 0.00	76.27 3.90 0.00	101.02 4.07 -24.30
COOPERNY_115KV_TB1 80082	59.96 1.41 0.00	55.39 1.56 0.00	55.33 1.51 0.00	54.92 1.44 0.00	54.83 1.44 0.00	56.50 1.43 -0.01	75.01 2.03 -5.38	78.76 2.46 -3.86	78.64 2.39 -3.87	66.75 2.19 -0.16	65.86 2.10 0.00	63.60 1.97 0.00	62.98 1.83 0.00	62.19 1.87 0.00	59.51 1.79 0.00	66.04 1.99 0.00	75.27 2.62 0.00	84.38 3.08 -7.96	91.18 3.15 -14.68	82.59 2.92 -6.72	79.17 2.92 -3.29	75.20 2.54 0.00	74.53 2.17 0.00	77.04 2.25 -2.13
COPENHAGEN_WT_PWR 323753	59.32 0.76 0.00	54.47 0.65 0.00	54.48 0.65 0.00	54.12 0.64 0.00	54.14 0.75 0.00	56.33 1.27 0.00	69.42 1.83 0.00	74.60 2.17 0.00	74.55 2.17 0.00	65.89 1.48 0.00	64.97 1.21 0.00	62.86 1.23 0.00	62.56 1.41 0.00	61.52 1.21 0.00	58.94 1.21 0.00	65.71 1.66 0.00	74.40 1.74 0.00	75.68 2.28 -0.06	76.81 2.50 -0.97	75.14 2.19 0.00	75.23 2.26 0.00	74.69 2.03 0.00	74.53 2.17 0.00	74.62 1.96 0.00
CORNELL_____ 23752	58.38 -0.18 0.00	53.99 0.16 0.00	53.99 0.16 0.00	53.64 0.16 0.00	53.61 0.21 0.00	55.51 0.44 0.00	70.56 0.61 -2.36	74.93 0.80 -1.70	74.87 0.80 -1.69	64.79 0.32 -0.07	63.93 0.19 0.02	61.68 0.06 0.00	61.39 0.24 0.00	60.50 0.18 0.00	57.95 0.23 0.00	64.56 0.51 0.00	73.38 0.73 0.00	77.60 1.39 -2.87	79.71 1.54 -4.82	76.64 1.24 -2.45	75.33 1.17 -1.20	73.60 0.94 0.00	73.09 0.72 0.00	74.76 1.16 -0.94

CORONA__69_KV_TB1 355595	74.20 3.86 -11.78	69.64 3.82 -12.00	60.89 3.71 -3.35	63.36 3.58 -6.30	60.84 3.58 -3.87	68.91 3.63 -10.21	83.96 4.73 -11.63	123.84 5.58 -45.83	118.92 5.50 -41.03	93.29 5.15 -23.74	80.04 5.10 -11.18	67.32 4.87 -0.83	65.74 4.59 0.00	65.24 4.64 -0.28	69.98 4.44 -7.81	78.95 4.87 -10.03	112.51 6.10 -33.75	121.88 6.67 -41.87	117.62 6.75 -37.52	112.10 6.35 -32.80	110.46 6.35 -31.15	97.76 5.96 -19.15	96.90 5.28 -19.26	87.62 5.30 -9.66
CORTLAND__115KV_TB3 80093	58.03 -0.53 0.00	53.61 -0.22 0.00	53.67 -0.16 0.00	53.32 -0.16 0.00	53.29 -0.11 0.00	55.07 0.00 0.00	69.43 0.07 -1.76	74.01 0.29 -1.29	73.88 0.22 -1.28	64.39 -0.06 -0.05	63.61 -0.13 0.02	61.44 -0.18 0.00	61.09 -0.06 0.00	60.20 -0.12 0.00	57.67 -0.06 0.00	64.11 0.06 0.00	72.80 0.15 0.00	76.16 0.59 -2.23	77.94 0.66 -3.93	75.29 0.44 -1.90	74.33 0.44 -0.93	72.87 0.22 0.00	72.36 0.00 0.00	73.79 0.44 -0.70
COXSACKIE__GT 23611	63.53 4.97 0.00	58.51 4.68 0.00	58.51 4.68 0.00	58.08 4.60 0.00	58.03 4.64 0.00	59.99 4.90 -0.03	97.78 4.93 -25.25	95.49 4.93 -18.13	95.11 4.56 -18.17	68.89 3.73 -0.75	68.03 4.27 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.12 3.80 0.00	61.65 3.93 0.00	68.41 4.36 0.00	78.40 5.74 0.00	98.85 5.35 -20.16	105.39 5.50 -26.54	95.90 5.26 -17.69	86.95 5.32 -8.66	78.62 5.96 0.00	78.08 5.72 0.00	88.98 5.81 -10.51
CPV_VALLEY__CC1 323721	60.19 1.64 0.00	55.55 1.72 0.00	55.50 1.67 0.00	55.08 1.60 0.00	54.99 1.60 0.00	56.61 1.54 -0.01	75.87 2.23 -6.05	79.53 2.75 -4.34	79.42 2.68 -4.35	67.03 2.45 -0.18	66.18 2.42 0.00	63.91 2.28 0.00	63.23 2.08 0.00	62.43 2.11 0.00	59.74 2.02 0.00	66.29 2.24 0.00	75.71 3.05 0.00	85.83 3.45 -9.05	93.64 3.52 -16.78	83.86 3.29 -7.63	79.90 3.21 -3.74	75.57 2.91 0.00	74.82 2.46 0.00	77.44 2.39 -2.39
CPV_VALLEY__CC2 323722	60.19 1.64 0.00	55.55 1.72 0.00	55.50 1.67 0.00	55.08 1.60 0.00	54.99 1.60 0.00	56.61 1.54 -0.01	75.87 2.23 -6.05	79.53 2.75 -4.34	79.42 2.68 -4.35	67.03 2.45 -0.18	66.18 2.42 0.00	63.91 2.28 0.00	63.23 2.08 0.00	62.43 2.11 0.00	59.74 2.02 0.00	66.29 2.24 0.00	75.71 3.05 0.00	85.83 3.45 -9.05	93.64 3.52 -16.78	83.86 3.29 -7.63	79.90 3.21 -3.74	75.57 2.91 0.00	74.82 2.46 0.00	77.44 2.39 -2.39
CRESCENT__HYD 24018	61.54 2.98 0.00	56.78 2.96 0.00	56.73 2.90 0.00	56.31 2.83 0.00	56.22 2.83 0.00	58.05 2.92 -0.07	133.91 3.72 -62.60	121.50 4.13 -44.94	121.55 4.12 -45.04	69.94 3.67 -1.87	67.39 3.63 0.00	65.01 3.39 0.00	64.39 3.24 0.00	63.57 3.25 0.00	60.78 3.06 0.00	67.44 3.39 0.00	76.87 4.21 0.00	113.77 4.47 -35.96	113.34 4.47 -35.52	109.64 4.38 -32.31	93.16 4.38 -15.82	76.80 4.14 0.00	76.27 3.90 0.00	101.02 4.07 -24.30
CRICKET__VALLEY_CC1 323756	61.19 2.64 0.00	56.51 2.69 0.00	56.46 2.64 0.00	55.99 2.51 0.00	55.90 2.51 0.00	57.56 2.48 -0.01	79.61 3.38 -8.64	82.62 3.98 -6.20	82.58 3.98 -6.22	68.33 3.67 -0.26	67.33 3.57 0.00	65.01 3.39 0.00	64.33 3.18 0.00	63.51 3.19 0.00	60.78 3.06 0.00	67.44 3.39 0.00	76.87 4.21 0.00	89.51 4.70 -11.48	98.61 4.70 -20.57	87.13 4.45 -9.73	82.18 4.45 -4.76	76.72 4.07 0.00	75.98 3.62 0.00	79.68 3.63 -3.39
CRICKET__VALLEY_CC2 323757	61.19 2.64 0.00	56.51 2.69 0.00	56.46 2.64 0.00	55.99 2.51 0.00	55.90 2.51 0.00	57.56 2.48 -0.01	79.61 3.38 -8.64	82.62 3.98 -6.20	82.58 3.98 -6.22	68.33 3.67 -0.26	67.33 3.57 0.00	65.01 3.39 0.00	64.33 3.18 0.00	63.51 3.19 0.00	60.78 3.06 0.00	67.44 3.39 0.00	76.87 4.21 0.00	89.51 4.70 -11.48	98.61 4.70 -20.57	87.13 4.45 -9.73	82.18 4.45 -4.76	76.72 4.07 0.00	75.98 3.62 0.00	79.68 3.63 -3.39
CRICKET__VALLEY_CC3 323758	61.19 2.64 0.00	56.51 2.69 0.00	56.46 2.64 0.00	55.99 2.51 0.00	55.90 2.51 0.00	57.56 2.48 -0.01	79.61 3.38 -8.64	82.62 3.98 -6.20	82.58 3.98 -6.22	68.33 3.67 -0.26	67.33 3.57 0.00	65.01 3.39 0.00	64.33 3.18 0.00	63.51 3.19 0.00	60.78 3.06 0.00	67.44 3.39 0.00	76.87 4.21 0.00	89.51 4.70 -11.48	98.61 4.70 -20.57	87.13 4.45 -9.73	82.18 4.45 -4.76	76.72 4.07 0.00	75.98 3.62 0.00	79.68 3.63 -3.39
CRUCIBLE__METL_DRP 24180	56.57 -1.99 0.00	52.26 -1.56 0.00	52.27 -1.56 0.00	51.93 -1.55 0.00	51.90 -1.49 0.00	53.63 -1.43 0.00	65.84 -1.76 0.00	70.62 -1.81 0.00	70.50 -1.88 0.00	62.53 -1.87 0.00	61.90 -1.85 0.01	59.84 -1.79 0.00	59.50 -1.65 0.00	58.63 -1.69 0.00	56.16 -1.56 0.00	62.39 -1.67 0.00	70.77 -1.89 0.00	73.34 -1.32 -1.33	74.45 -1.32 -2.42	72.39 -1.68 -1.12	71.83 -1.68 -0.55	70.84 -1.82 0.00	70.41 -1.95 0.00	71.06 -1.60 0.00
DAHOWA__HYDRO 323763	62.72 4.16 0.00	57.81 3.98 0.00	57.71 3.88 0.00	57.22 3.74 0.00	57.13 3.74 0.00	59.23 4.07 -0.08	145.75 5.13 -73.02	130.51 5.65 -52.42	130.50 5.57 -52.54	71.41 4.83 -2.18	68.48 4.72 0.00	65.87 4.25 0.00	65.25 4.10 0.00	64.47 4.16 0.00	61.59 3.87 0.00	68.53 4.48 0.00	78.25 5.59 0.00	120.30 6.01 -40.95	117.73 6.08 -38.30	115.85 5.98 -36.92	96.95 5.91 -18.08	78.47 5.81 0.00	77.86 5.50 0.00	107.03 5.67 -28.71
DANC__LFGE 323619	58.15 -0.41 0.00	53.50 -0.32 0.00	53.51 -0.32 0.00	53.16 -0.32 0.00	53.18 -0.21 0.00	55.23 0.17 0.00	67.80 0.20 0.00	72.87 0.44 0.00	72.82 0.44 0.00	64.40 0.00 0.00	63.57 -0.19 0.00	61.56 -0.06 0.00	61.27 0.12 0.00	60.32 0.00 0.00	57.72 0.00 0.00	64.31 0.26 0.00	72.80 0.15 0.00	74.07 0.66 -0.08	75.31 0.81 -1.15	73.47 0.51 0.00	73.48 0.51 0.00	73.10 0.44 0.00	72.87 0.51 0.00	73.10 0.44 0.00
DANSKAMMER__1 23586	61.60 3.04 0.00	56.84 3.01 0.00	56.79 2.96 0.00	56.37 2.89 0.00	56.27 2.88 0.00	57.94 2.86 -0.01	78.85 3.99 -7.27	82.22 4.57 -5.22	82.03 4.42 -5.23	68.62 3.99 -0.22	67.65 3.89 0.00	65.32 3.70 0.00	64.57 3.42 0.00	63.81 3.50 0.00	61.13 3.40 0.00	67.83 3.78 0.00	77.53 4.87 0.00	89.38 5.50 -10.54	98.29 5.57 -19.38	87.10 5.26 -8.90	82.50 5.18 -4.36	77.45 4.79 0.00	76.63 4.27 0.00	79.89 4.36 -2.88
DANSKAMMER__2 23589	61.60 3.04 0.00	56.84 3.01 0.00	56.79 2.96 0.00	56.37 2.89 0.00	56.27 2.88 0.00	57.94 2.86 -0.01	78.85 3.99 -7.27	82.22 4.57 -5.22	82.03 4.42 -5.23	68.62 3.99 -0.22	67.65 3.89 0.00	65.32 3.70 0.00	64.57 3.42 0.00	63.81 3.50 0.00	61.13 3.40 0.00	67.83 3.78 0.00	77.53 4.87 0.00	89.38 5.50 -10.54	98.29 5.57 -19.38	87.10 5.26 -8.90	82.50 5.18 -4.36	77.45 4.79 0.00	76.63 4.27 0.00	79.89 4.36 -2.88
DANSKAMMER__3 23590	61.60 3.04 0.00	56.84 3.01 0.00	56.79 2.96 0.00	56.37 2.89 0.00	56.27 2.88 0.00	57.94 2.86 -0.01	78.85 3.99 -7.27	82.22 4.57 -5.22	82.03 4.42 -5.23	68.62 3.99 -0.22	67.65 3.89 0.00	65.32 3.70 0.00	64.57 3.42 0.00	63.81 3.50 0.00	61.13 3.40 0.00	67.83 3.78 0.00	77.53 4.87 0.00	89.38 5.50 -10.54	98.29 5.57 -19.38	87.10 5.26 -8.90	82.50 5.18 -4.36	77.45 4.79 0.00	76.63 4.27 0.00	79.89 4.36 -2.88

DANSKAMMER___4 23591	61.60 3.04 0.00	56.84 3.01 0.00	56.79 2.96 0.00	56.37 2.89 0.00	56.27 2.88 0.00	57.94 2.86 -0.01	78.85 3.99 -7.27	82.22 4.57 -5.22	82.03 4.42 -5.23	68.62 3.99 -0.22	67.65 3.89 0.00	65.32 3.70 0.00	64.57 3.42 0.00	63.81 3.50 0.00	61.13 3.40 0.00	67.83 3.78 0.00	77.53 4.87 0.00	89.38 5.50 -10.54	98.29 5.57 -19.38	87.10 5.26 -8.90	82.50 5.18 -4.36	77.45 4.79 0.00	76.63 4.27 0.00	79.89 4.36 -2.88
DANSKAMMER___DIESEL 23592	61.60 3.04 0.00	56.84 3.01 0.00	56.79 2.96 0.00	56.37 2.89 0.00	56.28 2.88 0.00	57.94 2.86 -0.01	78.79 3.92 -7.27	82.15 4.49 -5.22	82.03 4.42 -5.23	68.61 3.99 -0.22	67.65 3.89 0.00	65.38 3.76 0.00	64.64 3.49 0.00	63.81 3.50 0.00	61.19 3.46 0.00	67.83 3.78 0.00	77.52 4.87 0.00	89.30 5.43 -10.54	98.29 5.57 -19.37	87.10 5.25 -8.90	82.50 5.18 -4.36	77.45 4.80 0.00	76.56 4.20 0.00	79.89 4.36 -2.88
DARBY___SOLAR 323810	62.36 3.80 0.00	57.54 3.71 0.00	57.43 3.61 0.00	57.01 3.53 0.00	56.92 3.52 0.00	58.90 3.75 -0.08	144.13 4.80 -71.74	129.15 5.22 -51.50	129.14 5.14 -51.62	70.98 4.44 -2.14	68.10 4.34 0.00	65.57 3.95 0.00	64.94 3.79 0.00	64.18 3.86 0.00	61.30 3.58 0.00	68.21 4.16 0.00	77.89 5.23 0.00	119.31 5.65 -40.33	116.94 5.65 -37.95	114.84 5.54 -36.35	96.24 5.47 -17.80	78.03 5.38 0.00	77.43 5.06 0.00	106.05 5.23 -28.16
DASHVILLE___HYD 23610	61.31 2.75 0.00	56.57 2.75 0.00	56.52 2.69 0.00	56.10 2.62 0.00	56.01 2.62 0.00	57.50 2.42 -0.01	81.06 2.57 -10.90	83.30 3.04 -7.82	83.19 2.97 -7.84	67.37 2.64 -0.32	67.01 3.25 0.00	64.77 3.14 0.00	64.02 2.87 0.00	63.27 2.96 0.00	60.67 2.94 0.00	67.25 3.20 0.00	76.94 4.29 0.00	89.75 3.96 -12.46	98.19 4.11 -20.73	87.33 3.72 -10.66	81.90 3.72 -5.22	76.87 4.21 0.00	76.05 3.69 0.00	79.92 2.83 -4.43
DEERFIELD_69_KV_DEERFIELD LD 355887	75.55 5.21 -11.78	70.94 5.11 -12.00	62.02 4.84 -3.35	64.59 4.81 -6.30	61.96 4.70 -3.87	70.23 4.96 -10.21	85.79 6.56 -11.63	126.01 7.75 -45.83	121.09 7.67 -41.03	94.97 6.83 -23.74	81.19 6.25 -11.18	68.37 5.92 -0.83	66.90 5.75 0.00	66.33 5.73 -0.28	71.02 5.48 -7.81	80.17 6.08 -10.03	114.39 7.99 -33.75	123.93 8.73 -41.86	119.30 8.43 -37.52	113.70 7.95 -32.79	111.91 7.88 -31.07	99.07 7.27 -19.15	98.28 6.66 -19.26	89.22 6.90 -9.66
DELAWARE___LFGE 323621	60.08 1.52 0.00	55.49 1.67 0.00	55.55 1.72 0.00	55.14 1.66 0.00	55.10 1.71 0.00	56.78 1.71 -0.01	80.23 2.23 -10.40	82.51 2.61 -7.47	82.41 2.53 -7.49	66.90 2.19 -0.31	65.85 2.10 0.01	63.60 1.97 0.00	63.05 1.90 0.00	62.19 1.87 0.00	59.51 1.79 0.00	66.10 2.05 0.00	75.34 2.69 0.00	85.22 3.15 -8.73	87.16 3.23 -10.59	83.73 3.06 -7.71	79.73 2.99 -3.78	75.49 2.83 0.00	74.89 2.53 0.00	79.47 2.69 -4.13
DERFIELD_115KV_TB7 355931	58.91 0.35 0.00	54.26 0.43 0.00	54.26 0.43 0.00	53.91 0.43 0.00	53.82 0.43 0.00	55.51 0.44 0.00	68.14 0.54 0.00	73.01 0.58 0.00	72.96 0.58 0.00	64.92 0.52 0.00	64.27 0.51 0.00	62.06 0.43 0.00	61.58 0.43 0.00	60.74 0.42 0.00	58.13 0.40 0.00	64.50 0.45 0.00	73.38 0.73 0.00	74.22 0.88 0.00	74.23 0.88 0.00	73.75 0.80 0.00	73.76 0.80 0.00	73.38 0.73 0.00	73.01 0.65 0.00	73.38 0.73 0.00
DOGLEVILLE___HYD 23807	57.74 -0.82 0.00	53.12 -0.70 0.00	53.02 -0.81 0.00	52.52 -0.96 0.00	52.38 -1.02 0.00	54.02 -1.05 0.00	66.51 -1.08 0.00	71.06 -1.38 0.00	71.00 -1.38 0.00	63.05 -1.36 0.00	62.10 -1.66 0.00	60.15 -1.48 0.00	59.68 -1.47 0.00	58.87 -1.45 0.00	56.22 -1.50 0.00	62.32 -1.73 0.00	71.20 -1.45 0.00	72.24 -1.10 0.00	72.47 -0.88 0.00	72.15 -0.80 0.00	72.16 -0.80 0.00	72.30 -0.36 0.00	72.00 -0.36 0.00	72.51 -0.15 0.00
DUNKIRK___115KV_TB_200 55889	52.99 -5.56 0.00	49.63 -4.20 0.00	49.68 -4.14 0.00	49.58 -3.90 0.00	49.49 -3.90 0.00	51.49 -3.58 0.00	61.85 -5.75 0.00	65.12 -7.32 0.00	65.00 -7.38 0.00	57.18 -7.21 0.01	57.15 -6.57 0.04	55.39 -6.22 0.01	55.58 -5.56 0.00	54.89 -5.43 0.00	52.53 -5.20 0.00	58.35 -5.70 0.00	66.12 -6.54 0.00	69.18 -6.23 -2.08	70.72 -6.31 -3.68	68.08 -6.64 -1.77	67.62 -6.20 -0.86	67.13 -5.52 0.00	66.79 -5.57 0.00	69.60 -3.05 0.00
DUNKIRK___1 23563	52.99 -5.56 0.00	49.63 -4.20 0.00	49.68 -4.14 0.00	49.58 -3.90 0.00	49.49 -3.90 0.00	51.49 -3.58 0.00	61.85 -5.75 0.00	65.12 -7.32 0.00	65.00 -7.38 0.00	57.18 -7.21 0.01	57.15 -6.57 0.04	55.39 -6.22 0.01	55.58 -5.56 0.00	54.89 -5.43 0.00	52.53 -5.20 0.00	58.35 -5.70 0.00	66.12 -6.54 0.00	69.18 -6.23 -2.08	70.72 -6.31 -3.68	68.08 -6.64 -1.77	67.62 -6.20 -0.86	67.13 -5.52 0.00	66.79 -5.57 0.00	69.60 -3.05 0.00
DUNKIRK___2 23564	52.99 -5.56 0.00	49.63 -4.20 0.00	49.68 -4.14 0.00	49.58 -3.90 0.00	49.49 -3.90 0.00	51.49 -3.58 0.00	61.85 -5.75 0.00	65.12 -7.32 0.00	65.00 -7.38 0.00	57.18 -7.21 0.01	57.15 -6.57 0.04	55.39 -6.22 0.01	55.58 -5.56 0.00	54.89 -5.43 0.00	52.53 -5.20 0.00	58.35 -5.70 0.00	66.12 -6.54 0.00	69.18 -6.23 -2.08	70.72 -6.31 -3.68	68.08 -6.64 -1.77	67.62 -6.20 -0.86	67.13 -5.52 0.00	66.79 -5.57 0.00	69.60 -3.05 0.00
DUNKIRK___3 23565	52.88 -5.68 0.00	49.52 -4.31 0.00	49.58 -4.25 0.00	49.47 -4.01 0.00	49.39 -4.00 0.00	51.38 -3.69 0.00	61.65 -5.95 0.00	64.90 -7.53 0.00	64.78 -7.60 0.00	56.99 -7.41 0.01	56.96 -6.76 0.04	55.21 -6.41 0.01	55.40 -5.75 0.00	54.65 -5.67 0.00	52.35 -5.37 0.00	58.16 -5.89 0.00	65.83 -6.83 0.00	68.79 -6.60 -2.06	70.24 -6.75 -3.64	67.69 -7.00 -1.74	67.25 -6.57 -0.85	66.77 -5.89 0.00	66.50 -5.86 0.00	69.24 -3.41 0.00
DUNKIRK___4 23566	52.88 -5.68 0.00	49.52 -4.31 0.00	49.58 -4.25 0.00	49.47 -4.01 0.00	49.39 -4.00 0.00	51.38 -3.69 0.00	61.65 -5.95 0.00	64.90 -7.53 0.00	64.78 -7.60 0.00	56.99 -7.41 0.01	56.96 -6.76 0.04	55.21 -6.41 0.01	55.40 -5.75 0.00	54.65 -5.67 0.00	52.35 -5.37 0.00	58.16 -5.89 0.00	65.83 -6.83 0.00	68.79 -6.60 -2.06	70.24 -6.75 -3.64	67.69 -7.00 -1.74	67.25 -6.57 -0.85	66.77 -5.89 0.00	66.50 -5.86 0.00	69.24 -3.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	61.48 2.93 0.00	56.78 2.96 0.00	56.63 2.80 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.06 4.56 -5.07	81.87 4.42 -5.08	68.80 4.19 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.82 3.67 0.00	64.00 3.68 0.00	61.24 3.52 0.00	67.89 3.84 0.00	77.60 4.94 0.00	89.27 5.50 -10.44	98.18 5.50 -19.33	86.93 5.18 -8.80	82.45 5.18 -4.31	77.38 4.72 0.00	76.41 4.05 0.00	79.43 4.00 -2.78
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	61.02 2.46 0.00	56.35 2.53 0.00	56.25 2.42 0.00	55.83 2.35 0.00	55.74 2.35 0.00	57.44 2.37 -0.01	77.88 3.24 -7.04	81.32 3.84 -5.05	81.21 3.76 -5.06	68.03 3.41 -0.21	67.07 3.32 0.00	64.83 3.20 0.00	64.08 2.94 0.00	63.33 3.02 0.00	60.67 2.94 0.00	67.25 3.20 0.00	76.87 4.21 0.00	88.25 4.69 -10.22	96.90 4.77 -18.78	86.03 4.45 -8.62	81.64 4.45 -4.22	76.73 4.07 0.00	75.91 3.55 0.00	79.08 3.63 -2.79

E179THST_138_KV_TB4_REV_LBMP_J 345001	61.54 2.99 0.00	56.84 3.01 0.00	56.57 2.75 0.00	56.10 2.62 0.00	56.01 2.62 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.84 4.08 0.00	65.57 3.94 0.00	64.82 3.67 0.00	64.06 3.74 0.00	61.24 3.52 0.00	67.96 3.91 0.00	77.74 5.09 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	86.93 5.18 -8.80	82.45 5.18 -4.31	77.38 4.72 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
E179THST_13_KV_LOAD 356214	61.78 3.22 0.00	57.05 3.23 0.00	56.79 2.96 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.94 2.86 -0.01	78.57 3.92 -7.05	82.42 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.16 4.40 0.00	65.88 4.25 0.00	65.12 3.97 0.00	64.30 3.98 0.00	61.53 3.81 0.00	68.28 4.23 0.00	78.11 5.45 0.00	89.86 6.09 -10.44	98.69 6.01 -19.33	87.37 5.62 -8.80	82.89 5.62 -4.31	77.74 5.09 0.00	76.63 4.27 0.00	79.72 4.29 -2.78
EAST HAMPTON___GT 23717	75.14 4.80 -11.78	70.56 4.74 -12.00	61.64 4.47 -3.35	64.16 4.39 -6.30	61.54 4.27 -3.87	69.79 4.52 -10.21	85.38 6.15 -11.63	125.57 7.31 -45.83	120.65 7.24 -41.03	94.64 6.50 -23.74	80.49 5.54 -11.18	67.57 5.11 -0.83	65.79 4.65 0.00	65.54 4.95 -0.28	70.27 4.73 -7.81	79.39 5.31 -10.03	113.74 7.34 -33.75	123.27 8.07 -41.86	118.56 7.70 -37.51	113.11 7.37 -32.79	111.18 7.15 -31.07	98.27 6.46 -19.15	97.55 5.93 -19.26	88.78 6.46 -9.66
EAST RIVER___6 23660	61.25 2.70 0.00	56.57 2.74 0.00	56.41 2.58 0.00	55.94 2.46 0.00	55.85 2.46 0.00	57.44 2.37 -0.01	78.10 3.45 -7.05	81.99 4.49 -5.07	81.88 4.42 -5.08	68.80 4.18 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	77.67 5.01 0.00	89.34 5.57 -10.44	98.18 5.50 -19.33	86.93 5.18 -8.80	82.38 5.11 -4.31	77.31 4.65 0.00	76.27 3.90 0.00	79.14 3.70 -2.78
EAST RIVER___7 23524	61.25 2.70 0.00	56.57 2.74 0.00	56.41 2.58 0.00	55.94 2.46 0.00	55.85 2.46 0.00	57.44 2.37 -0.01	78.10 3.45 -7.05	81.99 4.49 -5.07	81.88 4.42 -5.08	68.80 4.18 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	77.67 5.01 0.00	89.34 5.57 -10.44	98.18 5.50 -19.33	86.93 5.18 -8.80	82.38 5.11 -4.31	77.31 4.65 0.00	76.27 3.90 0.00	79.14 3.70 -2.78
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	61.37 2.81 0.00	56.68 2.85 0.00	56.52 2.69 0.00	56.10 2.62 0.00	55.95 2.56 0.00	57.66 2.59 -0.01	78.15 3.52 -7.04	81.84 4.35 -5.06	81.72 4.27 -5.07	68.61 3.99 -0.21	67.65 3.89 0.00	65.38 3.76 0.00	64.64 3.49 0.00	63.81 3.50 0.00	61.07 3.35 0.00	67.70 3.65 0.00	77.38 4.72 0.00	89.03 5.28 -10.41	97.92 5.28 -19.29	86.69 4.96 -8.78	82.22 4.96 -4.30	77.16 4.50 0.00	76.27 3.91 0.00	79.28 3.85 -2.78
EAST_HAMPTON___DIESEL 23722	75.02 4.69 -11.78	70.45 4.63 -12.00	61.54 4.36 -3.35	64.06 4.28 -6.30	61.43 4.17 -3.87	69.68 4.41 -10.21	85.25 6.01 -11.63	125.43 7.17 -45.83	120.51 7.10 -41.03	94.52 6.38 -23.74	80.36 5.42 -11.18	67.44 4.99 -0.83	65.67 4.52 0.00	65.42 4.83 -0.28	70.16 4.62 -7.81	79.27 5.19 -10.03	113.53 7.12 -33.75	123.05 7.85 -41.86	118.41 7.56 -37.51	112.90 7.15 -32.79	111.04 7.01 -31.07	98.12 6.32 -19.15	97.41 5.79 -19.26	88.64 6.32 -9.66
EAST_POINT___SOLAR 323840	63.65 5.09 0.00	58.67 4.85 0.00	58.51 4.68 0.00	58.08 4.60 0.00	57.98 4.59 0.00	60.44 5.29 -0.08	147.46 6.82 -73.04	131.89 7.02 -52.43	131.89 6.95 -52.56	72.25 5.67 -2.18	68.99 5.23 0.00	66.25 4.62 0.00	65.49 4.34 0.00	64.72 4.40 0.00	61.76 4.04 0.00	68.92 4.87 0.00	79.41 6.76 0.00	121.90 7.70 -40.87	121.22 7.92 -39.95	117.50 7.81 -36.74	98.61 7.66 -17.99	80.21 7.56 0.00	79.53 7.17 0.00	108.83 7.19 -28.97
EAST_PULASKI___ESR 323781	57.10 -1.46 0.00	52.64 -1.18 0.00	52.59 -1.24 0.00	52.30 -1.18 0.00	52.27 -1.12 0.00	54.18 -0.88 0.00	66.45 -1.15 0.00	71.27 -1.16 0.00	71.22 -1.16 0.00	63.05 -1.36 0.00	62.36 -1.40 0.00	60.39 -1.23 0.00	60.05 -1.10 0.00	59.17 -1.15 0.00	56.69 -1.04 0.00	63.02 -1.03 0.00	71.35 -1.31 0.00	72.69 -0.73 -0.09	74.01 -0.66 -1.32	71.93 -1.02 0.00	71.94 -1.02 0.00	71.57 -1.09 0.00	71.28 -1.08 0.00	71.71 -0.95 0.00
EAST_RIVER___1 323558	61.54 2.98 0.00	56.84 3.01 0.00	56.73 2.90 0.00	56.21 2.73 0.00	56.11 2.72 0.00	57.77 2.70 -0.01	78.43 3.78 -7.05	82.20 4.71 -5.07	82.10 4.64 -5.08	69.00 4.38 -0.21	68.03 4.27 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.18 3.86 0.00	61.36 3.64 0.00	68.09 4.04 0.00	77.82 5.16 0.00	89.56 5.79 -10.44	98.40 5.72 -19.33	87.15 5.40 -8.80	82.59 5.32 -4.31	77.53 4.87 0.00	76.56 4.20 0.00	79.50 4.07 -2.78
EAST_RIVER___2 323559	61.25 2.70 0.00	56.57 2.74 0.00	56.41 2.58 0.00	55.94 2.46 0.00	55.85 2.46 0.00	57.44 2.37 -0.01	78.10 3.45 -7.05	81.99 4.49 -5.07	81.88 4.42 -5.08	68.80 4.18 -0.21	67.84 4.08 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.19 3.46 0.00	67.89 3.84 0.00	77.67 5.01 0.00	89.34 5.57 -10.44	98.18 5.50 -19.33	86.93 5.18 -8.80	82.38 5.11 -4.31	77.31 4.65 0.00	76.27 3.90 0.00	79.14 3.70 -2.78
EAST___DELAWARE_HYD 23607	61.02 2.46 0.00	56.30 2.48 0.00	56.25 2.42 0.00	55.83 2.35 0.00	55.74 2.35 0.00	57.49 2.42 -0.01	78.54 3.51 -7.43	81.75 3.98 -5.34	81.57 3.83 -5.35	67.91 3.28 -0.22	66.88 3.12 0.00	64.58 2.96 0.00	63.84 2.69 0.00	63.03 2.72 0.00	60.44 2.71 0.00	67.19 3.14 0.00	76.87 4.21 0.00	88.19 4.84 -10.02	96.30 5.06 -17.90	86.18 4.74 -8.49	81.79 4.67 -4.16	76.87 4.21 0.00	76.12 3.76 0.00	79.55 3.92 -2.97
EIGHT_POINT___WT_PWR 323820	53.58 -4.98 0.00	49.95 -3.88 0.00	50.01 -3.82 0.00	49.52 -3.96 0.00	49.33 -4.06 0.00	51.38 -3.69 0.00	64.42 -5.20 -2.02	67.88 -6.01 -1.46	67.67 -6.15 -1.44	58.08 -6.38 -0.05	57.48 -6.25 0.03	55.76 -5.86 0.01	56.38 -4.77 0.00	55.55 -4.77 0.00	53.45 -4.27 0.00	59.57 -4.49 0.00	68.08 -4.58 0.00	72.02 -3.89 -2.57	74.08 -3.74 -4.48	71.79 -3.35 -2.19	71.34 -2.70 -1.07	70.04 -2.61 0.00	69.83 -2.53 0.00	72.08 -1.38 -0.80
ELBRIDGE_115KV_TB2 80188	56.51 -2.05 0.00	52.21 -1.61 0.00	52.21 -1.61 0.00	51.93 -1.55 0.00	51.90 -1.49 0.00	53.63 -1.43 0.00	65.77 -1.83 0.00	70.48 -1.96 0.00	70.43 -1.95 0.00	62.47 -1.93 0.00	61.83 -1.91 0.01	59.71 -1.91 0.00	59.44 -1.71 0.00	58.57 -1.75 0.00	56.05 -1.67 0.00	62.32 -1.73 0.00	70.69 -1.96 0.00	73.35 -1.39 -1.41	74.50 -1.39 -2.55	72.39 -1.75 -1.19	71.79 -1.75 -0.58	70.77 -1.89 0.00	70.34 -2.03 0.00	71.06 -1.60 0.00
ELEC_TRO_TEK 24086	74.03 3.69 -11.78	69.48 3.66 -12.00	60.68 3.50 -3.35	63.20 3.42 -6.30	60.68 3.42 -3.87	68.74 3.47 -10.21	83.83 4.60 -11.63	123.69 5.43 -45.83	118.77 5.36 -41.03	93.10 4.96 -23.74	79.79 4.85 -11.18	67.14 4.68 -0.83	65.55 4.40 0.00	65.06 4.46 -0.28	69.81 4.27 -7.81	78.76 4.68 -10.03	112.29 5.89 -33.75	121.65 6.45 -41.86	117.31 6.45 -37.51	111.80 6.05 -32.79	110.04 6.06 -31.02	97.47 5.67 -19.15	96.61 4.99 -19.26	87.33 5.01 -9.66

ELLENBURG_WT_PWR 323604	57.27 -1.29 0.00	51.99 -1.83 0.00	52.00 -1.83 0.00	51.77 -1.71 0.00	51.63 -1.76 0.00	53.36 -1.71 0.00	65.23 -2.37 0.00	69.75 -2.68 0.00	69.63 -2.75 0.00	62.09 -2.32 0.00	61.53 -2.23 0.00	59.78 -1.85 0.00	59.50 -1.65 0.00	58.45 -1.87 0.00	55.87 -1.85 0.00	62.06 -1.99 0.00	69.97 -2.69 0.00	70.04 -3.30 0.00	70.12 -3.23 0.00	70.40 -2.56 0.00	70.62 -2.34 0.00	70.70 -1.96 0.00	70.98 -1.38 0.00	71.35 -1.31 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	52.53 -6.03 0.00	49.30 -4.52 0.00	49.36 -4.47 0.00	49.25 -4.22 0.00	49.17 -4.22 0.00	51.10 -3.96 0.00	61.24 -6.35 0.00	64.32 -8.11 0.00	64.20 -8.18 0.00	56.47 -7.92 0.01	56.45 -7.27 0.04	54.65 -6.96 0.01	54.85 -6.30 0.00	54.10 -6.21 0.00	51.78 -5.95 0.00	57.52 -6.53 0.00	65.03 -7.63 0.00	68.07 -7.26 -2.00	69.41 -7.48 -3.55	66.62 -8.02 -1.70	66.13 -7.66 -0.83	65.75 -6.90 0.00	65.41 -6.95 0.00	68.30 -4.36 0.00
EMPIRE_CC_1 323656	61.02 2.46 0.00	56.30 2.48 0.00	56.25 2.42 0.00	55.83 2.35 0.00	55.74 2.35 0.00	57.46 2.37 -0.02	90.83 2.97 -20.26	90.39 3.41 -14.55	90.29 3.33 -14.58	68.10 3.09 -0.60	66.82 3.06 0.00	64.52 2.90 0.00	63.84 2.69 0.00	63.09 2.78 0.00	60.32 2.60 0.00	66.87 2.82 0.00	76.07 3.42 0.00	94.11 3.59 -17.18	102.08 3.52 -25.22	91.29 3.43 -14.91	83.84 3.57 -7.30	76.07 3.42 0.00	75.47 3.11 0.00	83.65 3.27 -7.72
EMPIRE_CC_2 323658	61.02 2.46 0.00	56.30 2.48 0.00	56.25 2.42 0.00	55.83 2.35 0.00	55.74 2.35 0.00	57.46 2.37 -0.02	90.83 2.97 -20.26	90.39 3.41 -14.55	90.29 3.33 -14.58	68.10 3.09 -0.60	66.82 3.06 0.00	64.52 2.90 0.00	63.84 2.69 0.00	63.09 2.78 0.00	60.32 2.60 0.00	66.87 2.82 0.00	76.07 3.42 0.00	94.11 3.59 -17.18	102.08 3.52 -25.22	91.29 3.43 -14.91	83.84 3.57 -7.30	76.07 3.42 0.00	75.47 3.11 0.00	83.65 3.27 -7.72
ENORWICH_115KV_TB1 80156	61.25 2.69 0.00	56.57 2.75 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	58.32 3.25 -0.01	76.70 4.26 -4.85	80.70 4.78 -3.49	80.43 4.56 -3.49	68.09 3.54 -0.14	67.00 3.25 0.01	64.40 2.77 0.00	64.08 2.94 0.00	63.03 2.71 0.00	60.38 2.66 0.00	67.64 3.59 0.00	77.38 4.72 0.00	84.10 5.94 -4.82	86.85 6.53 -6.98	83.27 6.13 -4.19	81.21 6.20 -2.05	78.47 5.81 0.00	77.86 5.50 0.00	80.25 5.67 -1.93
ERIE_ST__34_KV_TB1-2 80199	53.23 -5.33 0.00	49.84 -3.98 0.00	49.90 -3.93 0.00	49.79 -3.69 0.00	49.71 -3.68 0.00	51.65 -3.41 0.00	62.12 -5.48 0.00	65.48 -6.95 0.00	65.29 -7.09 0.00	57.44 -6.96 0.01	57.34 -6.38 0.04	55.58 -6.04 0.01	55.77 -5.38 0.00	55.07 -5.02 0.00	52.70 -5.02 0.00	58.54 -5.51 0.00	66.26 -6.39 0.00	67.93 -7.48 -2.08	69.40 -7.63 -3.68	68.07 -6.64 -1.76	67.55 -6.27 -0.86	67.06 -5.59 0.00	66.72 -5.64 0.00	69.39 -3.27 0.00
ERIE_WT_PWR 323693	52.76 -5.80 0.00	49.47 -4.36 0.00	49.41 -4.41 0.00	49.41 -4.07 0.00	49.33 -4.06 0.00	51.49 -3.58 0.00	61.78 -5.81 0.00	64.97 -7.46 0.00	64.78 -7.60 0.00	56.80 -7.60 0.01	56.71 -7.01 0.04	55.15 -6.47 0.01	55.40 -5.75 0.00	54.58 -5.73 0.00	52.29 -5.43 0.00	57.90 -6.15 0.00	65.46 -7.19 0.00	68.34 -7.04 -2.05	69.55 -7.41 -3.61	67.39 -7.29 -1.74	66.95 -6.86 -0.85	66.33 -6.32 0.00	66.50 -5.86 0.00	68.80 -3.85 0.00
ESPRGFLD_115KV_TB1 80157	61.43 2.87 0.00	56.73 2.91 0.00	56.68 2.85 0.00	56.26 2.78 0.00	56.22 2.83 0.00	58.32 3.19 -0.06	124.20 4.26 -52.35	114.51 4.49 -37.58	114.54 4.49 -37.67	69.64 3.67 -1.56	67.26 3.51 0.01	64.77 3.14 0.00	64.21 3.06 0.00	63.33 3.02 0.00	60.55 2.83 0.00	67.51 3.46 0.00	77.23 4.58 0.00	107.85 5.28 -29.24	93.58 5.50 -14.73	105.37 5.25 -27.16	91.37 5.11 -13.30	77.60 4.94 0.00	76.92 4.56 0.00	98.07 4.65 -20.77
ETNA_115_KV_TB1_REV_LBMP_C 345029	58.32 -0.23 0.00	53.93 0.11 0.00	53.94 0.11 0.00	53.59 0.11 0.00	53.55 0.16 0.00	55.45 0.39 0.00	70.50 0.54 -2.36	74.79 0.65 -1.71	74.73 0.65 -1.69	64.66 0.19 -0.07	63.81 0.06 0.02	61.62 0.00 0.00	61.27 0.12 0.00	60.38 0.06 0.00	57.90 0.17 0.00	64.44 0.38 0.00	73.31 0.65 0.00	77.44 1.25 -2.86	79.55 1.39 -4.81	76.49 1.09 -2.44	75.18 1.02 -1.20	73.53 0.87 0.00	72.94 0.58 0.00	74.61 1.02 -0.94
ETNA____115KV_TB2 80207	58.32 -0.23 0.00	53.93 0.11 0.00	53.94 0.11 0.00	53.59 0.11 0.00	53.55 0.16 0.00	55.45 0.39 0.00	70.50 0.54 -2.36	74.79 0.65 -1.71	74.73 0.65 -1.69	64.66 0.19 -0.07	63.81 0.06 0.02	61.62 0.00 0.00	61.27 0.12 0.00	60.38 0.06 0.00	57.90 0.17 0.00	64.44 0.38 0.00	73.31 0.65 0.00	77.44 1.25 -2.86	79.55 1.39 -4.81	76.49 1.09 -2.44	75.18 1.02 -1.20	73.53 0.87 0.00	72.94 0.58 0.00	74.61 1.02 -0.94
EUCLID____115KV_TB2 356179	56.16 -2.40 0.00	51.89 -1.94 0.00	51.89 -1.94 0.00	51.61 -1.87 0.00	51.58 -1.82 0.00	53.30 -1.76 0.00	65.30 -2.30 0.00	70.04 -2.39 0.00	69.99 -2.39 0.00	62.08 -2.32 0.01	61.43 -2.30 0.03	59.40 -2.22 0.01	59.07 -2.08 0.00	58.27 -2.05 0.00	55.76 -1.96 0.00	61.94 -2.11 0.00	70.19 -2.47 0.00	71.53 -1.91 -0.10	73.01 -1.91 -1.57	70.62 -2.33 0.00	70.63 -2.33 0.00	70.26 -2.40 0.00	69.83 -2.53 0.00	70.48 -2.18 0.00
E_CANADA_CAP_HY 24051	62.78 4.22 0.00	57.91 4.09 0.00	57.81 3.98 0.00	57.33 3.85 0.00	57.29 3.90 0.00	59.55 4.41 -0.08	141.22 5.74 -67.89	126.97 5.80 -48.74	127.03 5.79 -48.85	71.19 4.77 -2.02	68.22 4.46 0.00	65.63 4.00 0.00	65.00 3.85 0.00	64.23 3.92 0.00	61.30 3.58 0.00	68.41 4.36 0.00	78.47 5.81 0.00	118.22 6.52 -38.36	119.53 6.74 -39.44	113.88 6.57 -34.36	96.21 6.42 -16.82	79.12 6.46 0.00	78.44 6.08 0.00	105.69 6.10 -26.93
E_CANADA_MHWK_HY 24050	57.74 -0.82 0.00	53.12 -0.70 0.00	53.02 -0.81 0.00	52.52 -0.96 0.00	52.38 -1.02 0.00	54.02 -1.05 0.00	66.51 -1.08 0.00	71.06 -1.38 0.00	71.00 -1.38 0.00	63.05 -1.36 0.00	62.10 -1.66 0.00	60.15 -1.48 0.00	59.68 -1.47 0.00	58.87 -1.45 0.00	56.22 -1.50 0.00	62.32 -1.73 0.00	71.20 -1.45 0.00	72.24 -1.10 0.00	72.47 -0.88 0.00	72.15 -0.80 0.00	72.16 -0.80 0.00	72.30 -0.36 0.00	72.00 -0.36 0.00	72.51 -0.15 0.00
E_FISHKILL____LBMP 23776	61.13 2.58 0.00	56.46 2.64 0.00	56.36 2.53 0.00	55.94 2.46 0.00	55.85 2.46 0.00	57.50 2.42 -0.01	78.01 3.24 -7.17	81.57 3.98 -5.15	81.45 3.91 -5.16	68.23 3.61 -0.21	67.27 3.51 0.00	65.01 3.39 0.00	64.33 3.18 0.00	63.51 3.20 0.00	60.78 3.06 0.00	67.38 3.33 0.00	76.94 4.29 0.00	88.74 4.77 -10.64	97.84 4.77 -19.72	86.37 4.45 -8.97	81.88 4.52 -4.39	76.73 4.07 0.00	75.91 3.55 0.00	79.04 3.56 -2.83
FALCON____SEABRD_CC1 323796	57.97 -0.59 0.00	52.64 -1.18 0.00	52.64 -1.18 0.00	52.46 -1.02 0.00	52.22 -1.17 0.00	54.02 -1.05 0.00	65.63 -1.96 0.00	70.19 -2.25 0.00	70.06 -2.32 0.00	62.41 -2.00 0.00	61.91 -1.85 0.00	60.09 -1.54 0.00	59.80 -1.35 0.00	58.75 -1.57 0.00	56.22 -1.50 0.00	62.45 -1.60 0.00	70.48 -2.18 0.00	70.62 -2.71 0.00	70.63 -2.71 0.00	70.99 -1.97 0.00	71.21 -1.75 0.00	71.27 -1.38 0.00	71.57 -0.79 0.00	72.30 -0.36 0.00

FALCON___SEABRD_CC2 323797	57.97 -0.59 0.00	52.64 -1.18 0.00	52.64 -1.18 0.00	52.46 -1.02 0.00	52.22 -1.17 0.00	54.02 -1.05 0.00	65.63 -1.96 0.00	70.19 -2.25 0.00	70.06 -2.32 0.00	62.41 -2.00 0.00	61.91 -1.85 0.00	60.09 -1.54 0.00	59.80 -1.35 0.00	58.75 -1.57 0.00	56.22 -1.50 0.00	62.45 -1.60 0.00	70.48 -2.18 0.00	70.62 -2.71 0.00	70.63 -2.71 0.00	70.99 -1.97 0.00	71.21 -1.75 0.00	71.27 -1.38 0.00	71.57 -0.79 0.00	72.30 -0.36 0.00
FAR ROCKAWAY___4 23548	74.61 4.27 -11.78	70.08 4.25 -12.00	61.27 4.09 -3.35	63.79 4.01 -6.30	61.27 4.00 -3.87	69.29 4.02 -10.21	84.50 5.27 -11.63	124.42 6.16 -45.83	119.57 6.15 -41.03	93.87 5.73 -23.74	80.55 5.61 -11.18	67.82 5.36 -0.83	66.29 5.14 0.00	65.72 5.13 -0.28	70.44 4.91 -7.81	79.46 5.38 -10.03	113.16 6.76 -33.75	122.54 7.33 -41.87	118.28 7.41 -37.52	112.76 7.00 -32.80	111.05 6.93 -31.15	98.34 6.54 -19.15	97.55 5.93 -19.26	88.28 5.96 -9.66
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	61.60 3.04 0.00	56.89 3.07 0.00	56.73 2.91 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.88 2.81 -0.01	78.44 3.79 -7.05	82.21 4.71 -5.07	82.09 4.63 -5.08	69.06 4.44 -0.21	68.03 4.27 0.00	65.75 4.13 0.00	65.00 3.85 0.00	64.18 3.86 0.00	61.42 3.69 0.00	68.09 4.04 0.00	77.89 5.23 0.00	89.56 5.79 -10.44	98.47 5.79 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.52 4.87 0.00	76.56 4.20 0.00	79.51 4.07 -2.78
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	61.60 3.04 0.00	56.89 3.07 0.00	56.73 2.91 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.88 2.81 -0.01	78.44 3.79 -7.05	82.28 4.78 -5.07	82.09 4.63 -5.08	69.06 4.44 -0.21	68.03 4.27 0.00	65.75 4.13 0.00	65.00 3.85 0.00	64.18 3.86 0.00	61.42 3.69 0.00	68.09 4.04 0.00	77.89 5.23 0.00	89.56 5.79 -10.44	98.47 5.79 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.60 4.94 0.00	76.56 4.20 0.00	79.51 4.07 -2.78
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	61.54 2.99 0.00	56.89 3.07 0.00	56.68 2.85 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.83 2.75 -0.01	78.44 3.79 -7.05	82.21 4.71 -5.07	82.02 4.56 -5.08	68.99 4.38 -0.21	67.97 4.21 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.18 3.86 0.00	61.42 3.69 0.00	68.09 4.04 0.00	77.82 5.16 0.00	89.49 5.72 -10.44	98.40 5.72 -19.33	87.08 5.33 -8.80	82.60 5.33 -4.31	77.52 4.87 0.00	76.49 4.12 0.00	79.51 4.07 -2.78
FARRAGUT___LBMP 323566	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	78.37 3.72 -7.05	82.13 4.64 -5.07	81.95 4.49 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.41 4.05 0.00	79.43 4.00 -2.78
FENNER___WINDPWR 24204	59.08 0.53 0.00	54.52 0.70 0.00	54.53 0.70 0.00	54.17 0.69 0.00	54.14 0.75 0.00	56.06 0.99 0.00	68.95 1.35 0.00	74.54 2.10 0.00	74.48 2.10 0.00	65.94 1.54 0.00	65.14 1.40 0.02	62.92 1.30 0.00	62.61 1.47 0.00	61.64 1.33 0.00	58.99 1.27 0.00	65.65 1.60 0.00	74.03 1.38 0.00	76.54 1.76 -1.45	77.79 1.83 -2.61	75.78 1.60 -1.23	75.16 1.60 -0.60	74.11 1.45 0.00	73.73 1.37 0.00	74.11 1.45 0.00
FIBERTEK___ENERGY 23856	56.57 -1.99 0.00	52.26 -1.56 0.00	52.27 -1.56 0.00	51.93 -1.55 0.00	51.90 -1.49 0.00	53.63 -1.43 0.00	65.84 -1.76 0.00	70.62 -1.81 0.00	70.50 -1.88 0.00	62.53 -1.87 0.00	61.90 -1.85 0.01	59.84 -1.79 0.00	59.50 -1.65 0.00	58.63 -1.69 0.00	56.16 -1.56 0.00	62.39 -1.67 0.00	70.77 -1.89 0.00	73.34 -1.32 -1.33	74.45 -1.32 -2.42	72.39 -1.68 -1.12	71.83 -1.68 -0.55	70.84 -1.82 0.00	70.41 -1.95 0.00	71.06 -1.60 0.00
FITZPATRICK____ 23598	55.69 -2.87 0.00	51.35 -2.48 0.00	51.35 -2.48 0.00	51.07 -2.41 0.00	50.99 -2.40 0.00	52.70 -2.37 0.00	64.62 -2.97 0.00	69.25 -3.19 0.00	69.13 -3.26 0.00	61.38 -3.03 0.00	60.76 -3.00 0.00	58.79 -2.83 0.00	58.40 -2.75 0.00	57.60 -2.71 0.00	55.13 -2.60 0.00	61.17 -2.88 0.00	69.46 -3.20 0.00	70.55 -2.86 -0.08	71.62 -2.86 -1.14	69.82 -3.13 0.00	69.90 -3.06 0.00	69.53 -3.12 0.00	69.18 -3.18 0.00	69.67 -2.98 0.00
FLOWRFLD_69_KV_BK1 356044	75.55 5.21 -11.78	70.88 5.06 -12.00	61.97 4.79 -3.35	64.54 4.76 -6.30	61.96 4.70 -3.87	70.17 4.90 -10.21	85.72 6.49 -11.63	125.87 7.61 -45.83	120.94 7.53 -41.03	94.84 6.70 -23.74	81.45 6.50 -11.18	68.74 6.29 -0.83	67.20 6.05 0.00	66.69 6.09 -0.28	71.37 5.83 -7.81	80.49 6.41 -10.03	114.61 8.21 -33.75	124.07 8.87 -41.86	119.59 8.73 -37.51	114.28 8.54 -32.79	112.77 8.76 -31.06	99.51 7.70 -19.15	98.64 7.02 -19.26	89.22 6.90 -9.66
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	61.72 3.16 0.00	56.95 3.12 0.00	56.90 3.07 0.00	56.42 2.94 0.00	56.38 2.99 0.00	58.05 2.97 -0.01	78.93 4.06 -7.28	82.29 4.64 -5.23	82.18 4.56 -5.24	68.74 4.12 -0.22	67.78 4.02 0.00	65.45 3.82 0.00	64.76 3.61 0.00	63.93 3.62 0.00	61.30 3.58 0.00	67.96 3.91 0.00	77.67 5.01 0.00	89.55 5.65 -10.57	98.53 5.72 -19.46	87.27 5.40 -8.92	82.66 5.33 -4.37	77.60 4.94 0.00	76.70 4.34 0.00	80.04 4.50 -2.88
FORT ORANGE____ 23900	60.96 2.40 0.00	56.25 2.42 0.00	56.19 2.37 0.00	55.78 2.30 0.00	55.69 2.29 0.00	57.42 2.31 -0.04	103.83 2.03 -34.21	99.16 2.17 -24.56	99.02 2.02 -24.62	67.49 2.06 -1.02	65.93 2.17 0.00	63.66 2.03 0.00	62.98 1.83 0.00	62.25 1.93 0.00	59.57 1.85 0.00	65.78 1.73 0.00	75.20 2.54 0.00	101.04 2.49 -25.21	105.53 2.42 -29.77	97.69 2.40 -22.33	86.38 2.48 -10.94	75.20 2.54 0.00	74.75 2.38 0.00	90.60 3.19 -14.75
FORT_DRUM_COGEN 23780	59.61 1.05 0.00	54.69 0.86 0.00	54.69 0.86 0.00	54.34 0.86 0.00	54.35 0.96 0.00	56.55 1.49 0.00	69.69 2.10 0.00	75.04 2.61 0.00	74.99 2.61 0.00	66.27 1.87 0.00	65.35 1.59 0.00	63.17 1.54 0.00	62.86 1.71 0.00	61.82 1.51 0.00	59.17 1.44 0.00	66.04 1.99 0.00	74.62 1.96 0.00	75.82 2.42 -0.06	76.99 2.71 -0.93	75.36 2.41 0.00	75.44 2.48 0.00	74.98 2.33 0.00	74.75 2.39 0.00	74.76 2.11 0.00
FOX_HILLS___ESR 323835	61.95 3.40 0.00	57.11 3.28 0.00	56.90 3.07 0.00	56.37 2.89 0.00	56.28 2.88 0.00	57.94 2.86 -0.01	78.44 3.79 -7.05	82.35 4.85 -5.07	82.02 4.56 -5.08	69.06 4.44 -0.21	68.09 4.34 0.00	65.82 4.19 0.00	65.12 3.97 0.00	64.30 3.98 0.00	61.53 3.81 0.00	68.21 4.16 0.00	77.96 5.30 0.00	89.79 6.01 -10.44	98.69 6.01 -19.33	87.30 5.54 -8.80	82.82 5.55 -4.31	77.67 5.01 0.00	76.49 4.12 0.00	79.43 4.00 -2.78
FPL FAR_ROCK_GT1 24212	74.67 4.33 -11.78	70.07 4.25 -12.00	61.32 4.15 -3.35	63.79 4.01 -6.30	61.27 4.01 -3.87	69.24 3.97 -10.21	84.57 5.34 -11.63	124.49 6.23 -45.83	119.56 6.15 -41.03	93.87 5.73 -23.74	80.62 5.67 -11.18	67.81 5.36 -0.83	66.16 5.02 0.00	65.72 5.12 -0.28	70.44 4.90 -7.81	79.52 5.44 -10.03	113.16 6.76 -33.75	122.54 7.33 -41.87	118.27 7.40 -37.52	112.83 7.07 -32.80	111.12 7.01 -31.15	98.35 6.54 -19.15	97.62 6.00 -19.26	88.28 5.96 -9.66



FPL FAR_ROCK_GT2 23815	74.67 4.33 -11.78	70.07 4.25 -12.00	61.32 4.15 -3.35	63.79 4.01 -6.30	61.27 4.01 -3.87	69.24 3.97 -10.21	84.57 5.34 -11.63	124.49 6.23 -45.83	119.56 6.15 -41.03	93.87 5.73 -23.74	80.62 5.67 -11.18	67.81 5.36 -0.83	66.16 5.02 0.00	65.72 5.12 -0.28	70.44 4.90 -7.81	79.52 5.44 -10.03	113.16 6.76 -33.75	122.54 7.33 -41.87	118.27 7.40 -37.52	112.83 7.07 -32.80	111.12 7.01 -31.15	98.35 6.54 -19.15	97.62 6.00 -19.26	88.28 5.96 -9.66
FRANKLIN_FALL_HYD 24054	58.79 0.23 0.00	53.34 -0.48 0.00	53.34 -0.48 0.00	53.16 -0.32 0.00	52.96 -0.43 0.00	54.79 -0.28 0.00	67.12 -0.47 0.00	71.78 -0.65 0.00	71.66 -0.72 0.00	63.76 -0.64 0.00	63.25 -0.51 0.00	61.38 -0.25 0.00	61.03 -0.12 0.00	60.01 -0.30 0.00	57.43 -0.29 0.00	63.79 -0.26 0.00	71.86 -0.80 0.00	71.80 -1.54 0.00	71.81 -1.54 0.00	72.15 -0.80 0.00	72.38 -0.58 0.00	72.44 -0.22 0.00	73.01 0.65 0.00	72.87 0.22 0.00
FREEPORT_EQUS_GT1 23764	74.37 4.04 -11.78	69.81 3.98 -12.00	61.06 3.88 -3.35	63.52 3.74 -6.30	61.00 3.74 -3.87	69.02 3.75 -10.21	84.23 5.00 -11.63	124.20 5.94 -45.83	119.27 5.86 -41.03	93.55 5.41 -23.74	80.23 5.29 -11.18	67.44 4.99 -0.83	65.79 4.65 0.00	65.36 4.76 -0.28	70.10 4.56 -7.81	79.14 5.06 -10.03	112.57 6.17 -33.75	121.90 6.74 -41.82	117.56 6.74 -37.47	112.19 6.49 -32.75	110.11 6.57 -30.58	97.98 6.17 -19.15	97.19 5.57 -19.26	87.84 5.52 -9.66
FREEPORT___CT2 23818	74.37 4.04 -11.78	69.81 3.98 -12.00	61.06 3.88 -3.35	63.52 3.74 -6.30	61.00 3.74 -3.87	69.02 3.75 -10.21	84.23 5.00 -11.63	124.20 5.94 -45.83	119.27 5.86 -41.03	93.55 5.41 -23.74	80.23 5.29 -11.18	67.44 4.99 -0.83	65.79 4.65 0.00	65.36 4.76 -0.28	70.10 4.56 -7.81	79.14 5.06 -10.03	112.57 6.17 -33.75	121.90 6.74 -41.82	117.56 6.74 -37.47	112.19 6.49 -32.75	110.11 6.57 -30.58	97.98 6.17 -19.15	97.19 5.57 -19.26	87.84 5.52 -9.66
FRESHKLS_33_KV_LOAD 356253	61.84 3.28 0.00	57.05 3.23 0.00	56.79 2.96 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.83 2.75 -0.01	78.30 3.65 -7.05	82.21 4.71 -5.07	81.87 4.42 -5.08	68.87 4.25 -0.21	67.84 4.08 0.00	65.63 4.01 0.00	64.88 3.73 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.82 5.16 0.00	89.64 5.87 -10.44	98.55 5.87 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.52 4.87 0.00	76.34 3.98 0.00	79.22 3.78 -2.78
FULTON COGEN____ 23766	56.27 -2.28 0.00	51.94 -1.88 0.00	51.94 -1.88 0.00	51.66 -1.82 0.00	51.58 -1.82 0.00	53.36 -1.71 0.00	65.43 -2.16 0.00	70.12 -2.32 0.00	70.07 -2.32 0.00	62.22 -2.19 0.00	61.60 -2.17 -0.01	59.53 -2.10 0.00	59.19 -1.96 0.00	58.33 -1.99 0.00	55.88 -1.85 0.00	62.07 -1.99 0.00	70.33 -2.33 0.00	71.60 -1.83 -0.10	72.98 -1.83 -1.47	70.69 -2.26 0.00	70.70 -2.26 0.00	70.33 -2.33 0.00	69.90 -2.46 0.00	70.55 -2.11 0.00
FULTON___LFGE 323630	63.01 4.45 0.00	58.08 4.25 0.00	57.97 4.15 0.00	57.49 4.01 0.00	57.45 4.06 0.00	59.72 4.57 -0.09	147.88 5.95 -74.33	131.95 6.15 -53.37	131.95 6.08 -53.49	71.65 5.03 -2.22	68.54 4.78 0.00	65.94 4.31 0.00	65.25 4.10 0.00	64.47 4.16 0.00	61.59 3.87 0.00	68.67 4.61 0.00	78.76 6.10 0.00	121.58 6.74 -41.50	120.40 6.97 -40.08	117.15 6.86 -37.34	97.95 6.71 -18.29	79.27 6.61 0.00	78.59 6.22 0.00	108.46 6.32 -29.49
G.F.CEMENT___DRP 24184	63.24 4.68 0.00	58.29 4.47 0.00	58.13 4.31 0.00	57.70 4.22 0.00	57.61 4.22 0.00	59.78 4.63 -0.09	148.62 5.81 -75.21	132.73 6.30 -54.00	132.80 6.30 -54.12	72.19 5.54 -2.24	69.11 5.36 0.00	66.49 4.87 0.00	65.80 4.65 0.00	65.02 4.70 0.00	62.05 4.33 0.00	69.11 5.06 0.00	78.98 6.32 0.00	122.08 6.75 -42.00	119.06 6.82 -38.89	117.55 6.71 -37.89	98.08 6.57 -18.55	79.20 6.54 0.00	78.51 6.15 0.00	108.76 6.47 -29.64
GARDENVILLE___LBMP 24039	52.64 -5.91 0.00	49.36 -4.47 0.00	49.41 -4.41 0.00	49.31 -4.17 0.00	49.23 -4.16 0.00	51.16 -3.91 0.00	61.38 -6.22 0.00	64.54 -7.90 0.00	64.35 -8.03 0.00	56.60 -7.79 0.01	56.58 -7.14 0.04	54.84 -6.78 0.01	55.03 -6.11 0.00	54.28 -6.03 0.00	51.95 -5.77 0.00	57.71 -6.34 0.00	65.32 -7.34 0.00	68.18 -7.19 -2.04	69.55 -7.41 -3.61	66.95 -7.73 -1.73	66.51 -7.30 -0.85	66.04 -6.61 0.00	65.78 -6.58 0.00	68.52 -4.14 0.00
GARDNVLA_35_KV_LD 355827	52.88 -5.68 0.00	49.57 -4.25 0.00	49.63 -4.20 0.00	49.52 -3.96 0.00	49.44 -3.95 0.00	51.38 -3.69 0.00	61.65 -5.95 0.00	64.83 -7.61 0.00	64.64 -7.74 0.00	56.86 -7.54 0.01	56.83 -6.89 0.04	55.02 -6.59 0.01	55.22 -5.93 0.00	54.53 -5.79 0.00	52.18 -5.54 0.00	57.97 -6.08 0.00	65.54 -7.12 0.00	68.42 -6.97 -2.05	69.79 -7.19 -3.63	67.25 -7.44 -1.74	66.81 -7.00 -0.85	66.34 -6.32 0.00	66.07 -6.30 0.00	68.88 -3.78 0.00
GELCKHM___115KV_LOAD 80723	56.33 -2.23 0.00	52.05 -1.78 0.00	52.05 -1.78 0.00	51.72 -1.76 0.00	51.68 -1.71 0.00	53.41 -1.65 0.00	65.50 -2.10 0.00	70.19 -2.25 0.00	70.14 -2.24 0.00	62.21 -2.19 0.01	61.63 -2.10 0.02	59.53 -2.10 0.01	59.19 -1.96 0.00	58.39 -1.93 0.00	55.88 -1.85 0.00	62.07 -1.99 0.00	70.40 -2.25 0.00	71.76 -1.69 -0.11	73.32 -1.69 -1.66	70.84 -2.12 0.00	70.85 -2.12 0.00	70.48 -2.18 0.00	69.97 -2.39 0.00	70.69 -1.96 0.00
GENERAL___MILLS 23808	52.76 -5.80 0.00	49.46 -4.36 0.00	49.52 -4.31 0.00	49.42 -4.06 0.00	49.33 -4.06 0.00	51.32 -3.74 0.00	61.51 -6.08 0.00	64.68 -7.75 0.00	64.56 -7.82 0.00	56.80 -7.60 0.01	56.71 -7.01 0.04	54.96 -6.66 0.01	55.16 -5.99 0.00	54.47 -5.85 0.00	52.12 -5.60 0.00	57.84 -6.21 0.00	65.46 -7.19 0.00	68.27 -7.11 -2.05	69.64 -7.33 -3.63	67.17 -7.51 -1.74	66.73 -7.08 -0.85	66.26 -6.39 0.00	65.92 -6.44 0.00	68.73 -3.92 0.00
GE_PLASTICS___DRP 24183	60.49 1.93 0.00	55.82 1.99 0.00	55.82 1.99 0.00	55.41 1.93 0.00	55.31 1.92 0.00	56.97 1.87 -0.03	97.17 2.10 -27.48	94.48 2.32 -19.73	94.40 2.24 -19.78	67.41 2.19 -0.82	65.99 2.23 0.00	63.72 2.10 0.00	63.11 1.96 0.00	62.31 1.99 0.00	59.63 1.90 0.00	65.97 1.92 0.00	75.20 2.54 0.00	97.82 2.64 -21.85	103.98 2.57 -28.06	94.64 2.48 -19.21	85.00 2.63 -9.41	75.20 2.54 0.00	74.68 2.32 0.00	86.91 2.54 -11.71
GILBOA___1 23756	60.08 1.52 0.00	55.60 1.77 0.00	55.76 1.93 0.00	55.35 1.87 0.00	55.26 1.87 0.00	56.56 1.49 -0.01	73.94 1.96 -4.38	77.90 2.32 -3.15	77.85 2.32 -3.16	66.59 2.06 -0.13	65.79 2.04 0.00	63.54 1.91 0.00	62.92 1.77 0.00	62.12 1.81 0.00	59.45 1.73 0.00	65.97 1.92 0.00	75.13 2.47 0.00	85.17 2.79 -9.05	94.26 2.79 -18.13	83.20 2.70 -7.55	79.36 2.70 -3.69	75.13 2.47 0.00	74.53 2.17 0.00	76.73 2.32 -1.75
GILBOA___2 23757	60.08 1.52 0.00	55.60 1.77 0.00	55.76 1.93 0.00	55.35 1.87 0.00	55.26 1.87 0.00	56.56 1.49 -0.01	73.94 1.96 -4.38	77.90 2.32 -3.15	77.85 2.32 -3.16	66.59 2.06 -0.13	65.79 2.04 0.00	63.54 1.91 0.00	62.92 1.77 0.00	62.12 1.81 0.00	59.45 1.73 0.00	65.97 1.92 0.00	75.13 2.47 0.00	85.17 2.79 -9.05	94.26 2.79 -18.13	83.20 2.70 -7.55	79.36 2.70 -3.69	75.13 2.47 0.00	74.53 2.17 0.00	76.73 2.32 -1.75

GILBOA___3 23758	60.08 1.52 0.00	55.60 1.77 0.00	55.76 1.93 0.00	55.35 1.87 0.00	55.26 1.87 0.00	56.56 1.49 -0.01	73.94 1.96 -4.38	77.90 2.32 -3.15	77.85 2.32 -3.16	66.59 2.06 -0.13	65.79 2.04 0.00	63.54 1.91 0.00	62.92 1.77 0.00	62.12 1.81 0.00	59.45 1.73 0.00	65.97 1.92 0.00	75.13 2.47 0.00	85.17 2.79 -9.05	94.26 2.79 -18.13	83.20 2.70 -7.55	79.36 2.70 -3.69	75.13 2.47 0.00	74.53 2.17 0.00	76.73 2.32 -1.75
GILBOA___4 23759	60.08 1.52 0.00	55.60 1.77 0.00	55.76 1.93 0.00	55.35 1.87 0.00	55.26 1.87 0.00	56.56 1.49 -0.01	73.94 1.96 -4.38	77.90 2.32 -3.15	77.85 2.32 -3.16	66.59 2.06 -0.13	65.79 2.04 0.00	63.54 1.91 0.00	62.92 1.77 0.00	62.12 1.81 0.00	59.45 1.73 0.00	65.97 1.92 0.00	75.13 2.47 0.00	85.17 2.79 -9.05	94.26 2.79 -18.13	83.20 2.70 -7.55	79.36 2.70 -3.69	75.13 2.47 0.00	74.53 2.17 0.00	76.73 2.32 -1.75
GILBOA___ 23599	60.08 1.52 0.00	55.60 1.78 0.00	55.77 1.94 0.00	55.35 1.87 0.00	55.26 1.87 0.00	56.61 1.54 -0.01	73.94 1.96 -4.38	77.90 2.32 -3.15	77.78 2.24 -3.16	66.60 2.06 -0.13	65.79 2.04 0.00	63.54 1.91 0.00	62.98 1.83 0.00	62.13 1.81 0.00	59.45 1.73 0.00	65.97 1.92 0.00	75.13 2.47 0.00	85.17 2.79 -9.05	94.27 2.79 -18.14	83.12 2.63 -7.55	79.28 2.63 -3.69	75.13 2.47 0.00	74.46 2.10 0.00	76.66 2.25 -1.75
GINNA___ 23603	52.70 -5.86 0.00	48.98 -4.84 0.00	48.98 -4.84 0.00	48.83 -4.65 0.00	48.85 -4.54 0.00	50.71 -4.35 0.00	61.72 -5.88 0.00	65.70 -6.73 0.00	65.65 -6.73 0.00	57.96 -6.44 0.01	57.53 -6.18 0.05	55.76 -5.86 0.01	55.65 -5.50 0.00	54.77 -5.55 0.00	52.41 -5.31 0.00	58.16 -5.89 0.00	65.97 -6.68 0.00	69.29 -5.50 -1.46	70.25 -5.72 -2.62	67.40 -6.78 -1.23	66.93 -6.64 -0.60	66.19 -6.47 0.00	65.85 -6.51 0.00	67.06 -5.59 0.00
GLEN PARK___ 23778	59.90 1.35 0.00	55.01 1.18 0.00	54.96 1.13 0.00	54.60 1.12 0.00	54.67 1.28 0.00	56.94 1.87 0.00	70.16 2.57 0.00	75.55 3.11 0.00	75.42 3.04 0.00	66.60 2.19 0.00	65.67 1.91 0.00	63.47 1.85 0.00	63.16 2.01 0.00	62.07 1.75 0.00	59.45 1.73 0.00	66.42 2.37 0.00	75.27 2.61 0.00	76.62 3.22 -0.06	77.80 3.52 -0.94	76.09 3.13 0.00	76.17 3.21 0.00	75.64 2.98 0.00	75.40 3.04 0.00	75.42 2.76 0.00
GLENDALE_27_KV_LOAD 356172	62.01 3.45 0.00	57.27 3.44 0.00	57.06 3.23 0.00	56.58 3.10 0.00	56.49 3.10 0.00	58.21 3.14 -0.01	78.91 4.26 -7.05	82.79 5.29 -5.07	82.53 5.07 -5.08	69.45 4.83 -0.21	68.41 4.65 0.00	66.19 4.56 0.00	65.43 4.28 0.00	64.60 4.28 0.00	61.82 4.10 0.00	68.53 4.48 0.00	78.40 5.74 0.00	90.15 6.38 -10.44	98.99 6.31 -19.33	87.66 5.91 -8.80	83.18 5.91 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.94 4.50 -2.78
GLENWOOD_IC_1_G5 23712	74.49 4.16 -11.78	69.91 4.09 -12.00	61.11 3.93 -3.35	63.57 3.80 -6.30	61.05 3.79 -3.87	69.18 3.91 -10.21	84.10 4.87 -11.63	124.06 5.79 -45.83	119.13 5.72 -41.03	93.49 5.35 -23.74	80.17 5.23 -11.18	67.45 4.99 -0.83	65.86 4.71 0.00	65.36 4.76 -0.28	70.10 4.56 -7.81	79.08 5.00 -10.03	112.72 6.32 -33.75	122.16 6.97 -41.85	117.74 6.89 -37.50	112.44 6.71 -32.78	110.70 6.79 -30.95	97.84 6.03 -19.15	97.05 5.43 -19.26	87.70 5.38 -9.66
GLENWOOD_IC_2_G1 23688	74.37 4.04 -11.78	69.81 3.98 -12.00	61.06 3.88 -3.35	63.52 3.74 -6.30	61.00 3.74 -3.87	69.02 3.75 -10.21	84.16 4.93 -11.63	124.13 5.86 -45.83	119.27 5.86 -41.03	93.48 5.34 -23.74	80.23 5.29 -11.18	67.44 4.99 -0.83	65.79 4.65 0.00	65.36 4.76 -0.28	70.10 4.56 -7.81	79.14 5.06 -10.03	112.80 6.40 -33.75	122.17 6.97 -41.86	117.83 6.97 -37.51	112.45 6.71 -32.79	110.59 6.57 -31.06	97.91 6.10 -19.15	97.19 5.57 -19.26	87.77 5.45 -9.66
GLENWOOD_IC_3_G1 23689	74.37 4.04 -11.78	69.81 3.98 -12.00	61.06 3.88 -3.35	63.52 3.74 -6.30	61.00 3.74 -3.87	69.02 3.75 -10.21	84.16 4.93 -11.63	124.13 5.86 -45.83	119.27 5.86 -41.03	93.48 5.34 -23.74	80.23 5.29 -11.18	67.44 4.99 -0.83	65.79 4.65 0.00	65.36 4.76 -0.28	70.10 4.56 -7.81	79.14 5.06 -10.03	112.80 6.40 -33.75	122.17 6.97 -41.86	117.83 6.97 -37.51	112.45 6.71 -32.79	110.59 6.57 -31.06	97.91 6.10 -19.15	97.19 5.57 -19.26	87.77 5.45 -9.66
GLENWOOD___4 23550	74.49 4.16 -11.78	69.91 4.09 -12.00	61.11 3.93 -3.35	63.57 3.80 -6.30	61.05 3.79 -3.87	69.18 3.91 -10.21	84.17 4.93 -11.63	124.13 5.87 -45.83	119.28 5.86 -41.03	93.55 5.41 -23.74	80.23 5.29 -11.18	67.51 5.05 -0.83	65.98 4.83 0.00	65.42 4.83 -0.28	70.15 4.62 -7.81	79.14 5.06 -10.03	112.80 6.39 -33.75	122.23 7.04 -41.85	117.89 7.04 -37.50	112.52 6.78 -32.78	110.77 6.86 -30.95	97.98 6.18 -19.15	97.12 5.50 -19.26	87.77 5.45 -9.66
GLENWOOD___5 23614	74.49 4.16 -11.78	69.91 4.09 -12.00	61.11 3.93 -3.35	63.57 3.80 -6.30	61.05 3.79 -3.87	69.18 3.91 -10.21	84.17 4.93 -11.63	124.13 5.87 -45.83	119.28 5.86 -41.03	93.55 5.41 -23.74	80.23 5.29 -11.18	67.51 5.05 -0.83	65.98 4.83 0.00	65.42 4.83 -0.28	70.15 4.62 -7.81	79.14 5.06 -10.03	112.80 6.39 -33.75	122.23 7.04 -41.85	117.89 7.04 -37.50	112.52 6.78 -32.78	110.77 6.86 -30.95	97.98 6.18 -19.15	97.12 5.50 -19.26	87.77 5.45 -9.66
GLOBAL GREEN_PORT_GT1 23814	75.55 5.21 -11.78	70.94 5.12 -12.00	62.02 4.85 -3.35	64.59 4.82 -6.30	61.96 4.70 -3.87	70.23 4.96 -10.21	85.92 6.69 -11.63	126.16 7.90 -45.83	121.23 7.82 -41.03	95.10 6.96 -23.74	81.13 6.18 -11.18	68.25 5.79 -0.83	66.47 5.32 0.00	66.21 5.61 -0.28	70.91 5.37 -7.81	80.10 6.02 -10.03	114.47 8.06 -33.75	124.00 8.80 -41.86	119.36 8.50 -37.51	113.84 8.10 -32.79	111.98 7.95 -31.07	99.07 7.26 -19.15	98.35 6.73 -19.26	89.37 7.05 -9.66
GLOBE___DSASP 323697	51.59 -6.97 0.00	48.50 -5.33 0.00	48.55 -5.28 0.00	48.51 -4.97 0.00	48.37 -5.02 0.00	50.16 -4.90 0.00	59.55 -8.04 0.00	62.29 -10.14 0.00	62.25 -10.13 0.00	54.74 -9.66 0.01	54.79 -8.93 0.04	53.05 -8.57 0.01	53.26 -7.89 0.00	52.54 -7.78 0.00	50.28 -7.45 0.00	55.72 -8.33 0.00	62.85 -9.81 0.00	66.36 -8.87 -1.89	67.48 -9.24 -3.37	64.13 -10.43 -1.61	63.68 -10.07 -0.79	63.36 -9.30 0.00	63.10 -9.26 0.00	66.12 -6.54 0.00
GOETHSLN___LBMP 323567	61.13 2.58 0.00	56.57 2.75 0.00	56.36 2.53 0.00	55.94 2.46 0.00	55.85 2.46 0.00	57.50 2.42 -0.01	77.96 3.31 -7.05	81.70 4.20 -5.07	81.51 4.05 -5.08	68.61 3.99 -0.21	67.52 3.76 0.00	65.26 3.64 0.00	64.51 3.36 0.00	63.75 3.44 0.00	61.01 3.29 0.00	67.64 3.59 0.00	58.36 4.65 18.95	67.68 5.28 10.93	73.54 5.21 5.01	65.17 4.81 12.60	61.12 4.82 16.66	61.56 4.36 15.46	58.29 3.62 17.69	63.41 3.56 12.81
GOLAH___69_KV_TB 1_2 80279	54.58 -3.98 0.00	50.92 -2.91 0.00	50.97 -2.85 0.00	50.75 -2.73 0.00	50.78 -2.62 0.00	52.64 -2.42 0.00	63.74 -3.85 0.00	67.44 -5.00 0.00	67.32 -5.07 0.00	59.37 -5.02 0.01	58.93 -4.78 0.04	56.99 -4.62 0.01	56.99 -4.16 0.00	56.15 -4.16 0.00	53.68 -4.04 0.00	59.63 -4.42 0.00	67.50 -5.16 0.00	71.00 -3.89 -1.55	72.10 -4.03 -2.79	68.86 -5.40 -1.31	68.35 -5.25 -0.64	67.72 -4.94 0.00	67.30 -5.07 0.00	69.31 -3.34 0.00

GOODYEAR_LAKE_HYD 323669	60.55 1.99 0.00	55.98 2.15 0.00	55.98 2.15 0.00	55.57 2.09 0.00	55.53 2.14 0.00	57.35 2.26 -0.03	93.56 3.04 -22.92	92.30 3.40 -16.46	92.21 3.33 -16.50	67.92 2.83 -0.68	66.49 2.74 0.01	64.15 2.53 0.00	63.66 2.51 0.00	62.73 2.41 0.00	59.97 2.25 0.00	66.74 2.69 0.00	76.22 3.56 0.00	92.32 4.11 -14.88	89.54 4.25 -11.94	90.51 4.01 -13.54	83.53 3.94 -6.63	76.36 3.71 0.00	75.76 3.40 0.00	85.24 3.49 -9.10
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	57.39 -1.17 0.00	53.18 -0.65 0.00	53.18 -0.65 0.00	52.89 -0.59 0.00	52.80 -0.59 0.00	54.57 -0.50 0.00	70.10 -0.74 -3.24	73.90 -0.87 -2.34	73.86 -0.87 -2.35	63.40 -1.09 -0.09	62.72 -1.02 0.02	60.57 -1.05 0.00	60.29 -0.86 0.00	59.47 -0.84 0.00	56.91 -0.81 0.00	63.22 -0.83 0.00	72.00 -0.65 0.00	76.97 -0.37 -4.00	79.72 -0.37 -6.75	75.93 -0.44 -3.42	74.20 -0.44 -1.67	72.15 -0.51 0.00	71.71 -0.65 0.00	73.80 -0.15 -1.29
GOUDEY___7 23579	57.39 -1.17 0.00	53.18 -0.65 0.00	53.18 -0.65 0.00	52.89 -0.59 0.00	52.80 -0.59 0.00	54.57 -0.50 0.00	70.10 -0.74 -3.24	73.90 -0.87 -2.34	73.86 -0.87 -2.35	63.40 -1.09 -0.09	62.72 -1.02 0.02	60.57 -1.05 0.00	60.29 -0.86 0.00	59.47 -0.84 0.00	56.91 -0.81 0.00	63.22 -0.83 0.00	72.00 -0.65 0.00	76.97 -0.37 -4.00	79.72 -0.37 -6.75	75.93 -0.44 -3.42	74.20 -0.44 -1.67	72.15 -0.51 0.00	71.71 -0.65 0.00	73.80 -0.15 -1.29
GOUDEY___8 23580	57.39 -1.17 0.00	53.18 -0.65 0.00	53.18 -0.65 0.00	52.89 -0.59 0.00	52.80 -0.59 0.00	54.57 -0.50 0.00	70.10 -0.74 -3.24	73.90 -0.87 -2.34	73.86 -0.87 -2.35	63.40 -1.09 -0.09	62.72 -1.02 0.02	60.57 -1.05 0.00	60.29 -0.86 0.00	59.47 -0.84 0.00	56.91 -0.81 0.00	63.22 -0.83 0.00	72.00 -0.65 0.00	76.97 -0.37 -4.00	79.72 -0.37 -6.75	75.93 -0.44 -3.42	74.20 -0.44 -1.67	72.15 -0.51 0.00	71.71 -0.65 0.00	73.80 -0.15 -1.29
GOWANUS_GT1_1 24077	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT1_2 24078	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT1_3 24079	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT1_4 24080	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT1_5 24084	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT1_6 24111	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT1_7 24112	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT1_8 24113	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT2_1 24114	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
GOWANUS_GT2_2 24115	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
GOWANUS_GT2_3 24116	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78

GOWANUS_GT2_4 24117	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT2_5 24118	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT2_6 24119	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT2_7 24120	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT2_8 24121	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT3_1 24122	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT3_2 24123	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT3_3 24124	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT3_4 24125	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT3_5 24126	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT3_6 24127	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT3_7 24128	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT3_8 24129	62.07	57.27	57.06	56.53	56.43	58.05	78.77	82.72	82.45	69.31	68.41	66.07	65.31	64.54	61.70	68.47	78.33	90.08	98.98	87.66	83.11	78.03	76.92	79.80
	3.51	3.45	3.23	3.05	3.04	2.97	4.12	5.22	4.99	4.70	4.65	4.44	4.16	4.22	3.98	4.42	5.67	6.31	6.31	5.91	5.84	5.38	4.56	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT4_1 24130	62.07	57.27	57.00	56.53	56.44	58.16	78.77	82.64	82.38	69.38	68.35	66.12	65.37	64.54	61.76	68.47	78.32	90.08	98.99	87.59	83.11	77.96	76.85	79.80
	3.51	3.44	3.18	3.05	3.04	3.08	4.12	5.14	4.92	4.77	4.59	4.50	4.22	4.22	4.04	4.42	5.67	6.31	6.31	5.84	5.84	5.30	4.49	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78
GOWANUS_GT4_2 24131	62.07	57.27	57.00	56.53	56.44	58.16	78.77	82.64	82.38	69.38	68.35	66.12	65.37	64.54	61.76	68.47	78.32	90.08	98.99	87.59	83.11	77.96	76.85	79.80
	3.51	3.44	3.18	3.05	3.04	3.08	4.12	5.14	4.92	4.77	4.59	4.50	4.22	4.22	4.04	4.42	5.67	6.31	6.31	5.84	5.84	5.30	4.49	4.36
	0.00	0.00	0.00	0.00	0.00	-0.01	-7.05	-5.07	-5.08	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.44	-19.33	-8.80	-4.31	0.00	0.00	-2.78

GOWANUS_GT4_3 24132	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT4_4 24133	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT4_5 24134	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT4_6 24135	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT4_7 24136	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GOWANUS_GT4_8 24137	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GREENBSH_115KV_TB3 55895	60.55 1.99 0.00	55.82 1.99 0.00	55.82 1.99 0.00	55.41 1.93 0.00	55.31 1.92 0.00	57.03 1.93 -0.04	104.91 1.96 -35.36	100.06 2.25 -25.38	100.00 2.17 -25.44	67.65 2.19 -1.05	65.99 2.23 0.00	63.72 2.10 0.00	63.11 1.96 0.00	62.37 2.05 0.00	59.63 1.90 0.00	65.78 1.73 0.00	75.27 2.62 0.00	101.79 2.57 -25.88	106.02 2.49 -30.18	98.39 2.48 -22.96	86.83 2.63 -11.24	75.20 2.54 0.00	74.68 2.32 0.00	90.74 2.76 -15.33
GREENDGE_115KV_TB5 80291	56.80 -1.76 0.00	52.69 -1.13 0.00	52.70 -1.13 0.00	52.41 -1.07 0.00	52.38 -1.01 0.00	54.35 -0.72 0.00	68.77 -0.88 -2.05	72.83 -1.09 -1.48	72.96 -0.87 -1.45	62.98 -1.48 -0.06	62.14 -1.59 0.02	60.02 -1.60 0.00	59.93 -1.22 0.00	59.05 -1.27 0.00	56.68 -1.04 0.00	63.22 -0.83 0.00	71.86 -0.80 0.00	75.71 -0.22 -2.59	77.76 0.00 -4.42	75.01 -0.15 -2.21	73.97 -0.07 -1.08	72.37 -0.29 0.00	71.86 -0.51 0.00	73.76 0.29 -0.82
GREENIDGE___3 23582	56.80 -1.76 0.00	52.69 -1.13 0.00	52.70 -1.13 0.00	52.41 -1.07 0.00	52.38 -1.01 0.00	54.35 -0.72 0.00	68.77 -0.88 -2.05	72.83 -1.09 -1.48	72.96 -0.87 -1.45	62.98 -1.48 -0.06	62.14 -1.59 0.02	60.02 -1.60 0.00	59.93 -1.22 0.00	59.05 -1.27 0.00	56.68 -1.04 0.00	63.22 -0.83 0.00	71.86 -0.80 0.00	75.71 -0.22 -2.59	77.76 0.00 -4.42	75.01 -0.15 -2.21	73.97 -0.07 -1.08	72.37 -0.29 0.00	71.86 -0.51 0.00	73.76 0.29 -0.82
GREENIDGE___4 23583	56.86 -1.70 0.00	52.69 -1.13 0.00	52.69 -1.13 0.00	52.46 -1.02 0.00	52.43 -0.96 0.00	54.46 -0.60 0.00	68.91 -0.74 -2.05	72.97 -0.94 -1.48	73.10 -0.72 -1.45	62.98 -1.48 -0.06	62.15 -1.59 0.02	60.08 -1.54 0.00	59.99 -1.16 0.00	59.11 -1.21 0.00	56.74 -0.98 0.00	63.29 -0.77 0.00	71.86 -0.80 0.00	75.79 -0.15 -2.60	77.77 -0.07 -4.50	75.16 0.00 -2.21	74.04 0.00 -1.08	72.44 -0.22 0.00	72.07 -0.29 0.00	73.76 0.29 -0.82
GREENLWN_69_KV_BK 3 55738	74.79 4.45 -11.78	70.13 4.31 -12.00	61.27 4.09 -3.35	63.79 4.01 -6.30	61.27 4.00 -3.87	69.40 4.13 -10.21	84.77 5.54 -11.63	124.85 6.59 -45.83	120.00 6.59 -41.03	94.07 5.93 -23.74	80.75 5.80 -11.18	68.00 5.55 -0.83	66.47 5.32 0.00	65.90 5.31 -0.28	70.62 5.08 -7.81	79.72 5.64 -10.03	113.45 7.05 -33.75	122.97 7.77 -41.86	118.48 7.63 -37.51	114.79 9.05 -32.79	114.56 10.58 -31.02	98.71 6.90 -19.15	97.84 6.22 -19.26	88.42 6.10 -9.66
GREENWD_138_KV_38B11_REV_LBMP_J 345004	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
GRISSOM___SOLAR 323813	62.78 4.22 0.00	57.91 4.09 0.00	57.76 3.93 0.00	57.33 3.85 0.00	57.24 3.85 0.00	59.45 4.30 -0.09	148.72 5.61 -75.52	132.45 5.80 -54.22	132.52 5.79 -54.34	71.49 4.83 -2.25	68.35 4.59 0.00	65.82 4.19 0.00	65.12 3.97 0.00	64.36 4.04 0.00	61.47 3.75 0.00	68.47 4.42 0.00	78.47 5.81 0.00	121.79 6.38 -42.08	120.15 6.60 -40.20	117.33 6.49 -37.89	97.86 6.34 -18.55	78.91 6.25 0.00	78.22 5.86 0.00	108.57 5.96 -29.96
GROVEVILLE___HYD 323602	61.72 3.16 0.00	56.95 3.12 0.00	56.90 3.07 0.00	56.42 2.94 0.00	56.38 2.99 0.00	58.05 2.97 -0.01	78.93 4.06 -7.28	82.29 4.64 -5.23	82.18 4.56 -5.24	68.74 4.12 -0.22	67.78 4.02 0.00	65.45 3.82 0.00	64.76 3.61 0.00	63.93 3.62 0.00	61.30 3.58 0.00	67.96 3.91 0.00	77.67 5.01 0.00	89.55 5.65 -10.57	98.53 5.72 -19.46	87.27 5.40 -8.92	82.66 5.33 -4.37	77.60 4.94 0.00	76.70 4.34 0.00	80.04 4.50 -2.88
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	56.57 -1.99 0.00	52.26 -1.56 0.00	52.27 -1.56 0.00	51.93 -1.55 0.00	51.90 -1.49 0.00	53.63 -1.43 0.00	65.84 -1.76 0.00	70.62 -1.81 0.00	70.50 -1.88 0.00	62.53 -1.87 0.00	61.90 -1.85 0.01	59.84 -1.79 0.00	59.50 -1.65 0.00	58.63 -1.69 0.00	56.16 -1.56 0.00	62.39 -1.67 0.00	70.77 -1.89 0.00	73.34 -1.32 -1.33	74.45 -1.32 -2.42	72.39 -1.68 -1.12	71.83 -1.68 -0.55	70.84 -1.82 0.00	70.41 -1.95 0.00	71.06 -1.60 0.00

HAMLTNNY_34_KV_TB 80303	56.86 -1.70 0.00	52.59 -1.24 0.00	52.59 -1.24 0.00	52.30 -1.18 0.00	52.27 -1.12 0.00	54.07 -0.99 0.00	66.31 -1.28 0.00	71.06 -1.38 0.00	71.01 -1.38 0.00	62.86 -1.55 0.00	62.28 -1.47 0.01	60.14 -1.48 0.00	59.87 -1.28 0.00	58.99 -1.33 0.00	56.51 -1.21 0.00	62.77 -1.28 0.00	71.28 -1.38 0.00	74.01 -0.73 -1.41	75.17 -0.73 -2.55	72.98 -1.17 -1.19	72.38 -1.17 -0.58	71.35 -1.31 0.00	70.84 -1.52 0.00	71.57 -1.09 0.00
HAMPSHIRE___PAPER_HYD 323593	59.32 0.76 0.00	54.10 0.27 0.00	54.10 0.27 0.00	53.80 0.32 0.00	53.71 0.32 0.00	55.67 0.61 0.00	68.41 0.81 0.00	73.16 0.72 0.00	73.11 0.72 0.00	65.11 0.71 0.00	64.33 0.57 0.00	62.24 0.62 0.00	61.89 0.74 0.00	60.92 0.60 0.00	58.30 0.58 0.00	64.76 0.71 0.00	72.58 -0.07 0.00	72.86 -0.51 -0.03	73.44 -0.36 -0.46	72.73 -0.22 0.00	73.18 0.22 0.00	73.17 0.51 0.00	73.37 1.01 0.00	73.31 0.65 0.00
HARDSCRABBLE_WT_PWR 323673	57.50 -1.05 0.00	52.96 -0.86 0.00	52.80 -1.02 0.00	52.30 -1.18 0.00	52.22 -1.17 0.00	53.80 -1.26 0.00	66.17 -1.42 0.00	70.77 -1.66 0.00	70.72 -1.66 0.00	62.86 -1.55 0.00	61.91 -1.85 0.00	59.96 -1.66 0.00	59.50 -1.65 0.00	58.69 -1.63 0.00	56.05 -1.68 0.00	62.19 -1.86 0.00	70.99 -1.67 0.00	72.02 -1.32 0.00	72.25 -1.10 0.00	71.86 -1.09 0.00	71.94 -1.02 0.00	71.93 -0.73 0.00	71.71 -0.65 0.00	72.22 -0.43 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	61.02 2.46 0.00	56.35 2.53 0.00	56.25 2.42 0.00	55.78 2.30 0.00	55.74 2.35 0.00	57.44 2.37 -0.01	77.43 3.24 -6.59	81.01 3.84 -4.73	80.89 3.76 -4.75	68.08 3.48 -0.20	67.14 3.38 0.00	64.89 3.27 0.00	64.15 3.00 0.00	63.39 3.08 0.00	60.72 3.00 0.00	67.32 3.27 0.00	76.94 4.29 0.00	87.98 4.84 -9.80	96.43 4.91 -18.17	85.81 4.60 -8.27	81.53 4.52 -4.05	76.73 4.07 0.00	75.91 3.55 0.00	78.89 3.63 -2.60
HARSNRAD_115KV_TB1 81005	51.76 -6.79 0.00	48.60 -5.22 0.00	48.66 -5.17 0.00	48.56 -4.92 0.00	48.53 -4.86 0.00	50.39 -4.68 0.00	60.30 -7.30 0.00	63.16 -9.27 0.00	63.12 -9.26 0.00	55.51 -8.89 0.01	55.49 -8.22 0.04	53.73 -7.89 0.01	53.87 -7.28 0.00	53.14 -7.18 0.00	50.85 -6.87 0.00	56.49 -7.56 0.00	63.79 -8.86 0.00	67.13 -8.07 -1.86	68.30 -8.36 -3.32	65.05 -9.48 -1.58	64.69 -9.05 -0.77	64.37 -8.28 0.00	64.04 -8.32 0.00	66.99 -5.67 0.00
HARZA MOOSE___RIVER 24016	59.79 1.23 0.00	54.95 1.13 0.00	54.96 1.13 0.00	54.55 1.07 0.00	54.57 1.17 0.00	56.55 1.49 0.00	69.69 2.10 0.00	74.97 2.54 0.00	74.99 2.61 0.00	66.46 2.06 0.01	65.54 1.79 0.00	63.41 1.79 0.00	62.98 1.83 0.00	62.00 1.69 0.00	59.34 1.62 0.00	66.04 1.99 0.00	74.69 2.03 0.00	75.65 2.27 -0.04	76.45 2.49 -0.61	75.21 2.26 0.00	75.30 2.33 0.00	74.84 2.18 0.00	74.53 2.17 0.00	74.76 2.11 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	56.39 -2.17 0.00	52.10 -1.72 0.00	52.11 -1.72 0.00	51.82 -1.66 0.00	51.74 -1.66 0.00	53.52 -1.54 0.00	65.64 -1.96 0.00	70.41 -2.03 0.00	70.28 -2.10 0.00	62.34 -2.06 0.01	61.76 -1.98 0.03	59.65 -1.97 0.01	59.38 -1.77 0.00	58.51 -1.81 0.00	55.99 -1.73 0.00	62.19 -1.86 0.00	70.55 -2.11 0.00	71.83 -1.61 -0.11	73.48 -1.54 -1.67	70.98 -1.97 0.00	70.99 -1.97 0.00	70.62 -2.03 0.00	70.12 -2.24 0.00	70.84 -1.82 0.00
HELLGATE_13_KV_LD 55870	61.78 3.22 0.00	57.05 3.23 0.00	56.79 2.96 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.94 2.86 -0.01	78.57 3.92 -7.05	82.42 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.09 4.34 0.00	65.82 4.19 0.00	65.12 3.97 0.00	64.30 3.98 0.00	61.53 3.81 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.62 5.94 -19.33	87.22 5.47 -8.80	82.74 5.47 -4.31	77.67 5.01 0.00	76.56 4.20 0.00	79.58 4.14 -2.78
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	61.78 3.22 0.00	57.05 3.23 0.00	56.79 2.96 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.94 2.86 -0.01	78.57 3.92 -7.05	82.42 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.09 4.34 0.00	65.82 4.19 0.00	65.12 3.97 0.00	64.30 3.98 0.00	61.53 3.81 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.62 5.94 -19.33	87.22 5.47 -8.80	82.74 5.47 -4.31	77.67 5.01 0.00	76.56 4.20 0.00	79.58 4.14 -2.78
HEMPSTEAD____ 23647	74.09 3.75 -11.78	69.53 3.71 -12.00	60.78 3.61 -3.35	63.25 3.47 -6.30	60.73 3.47 -3.87	68.74 3.47 -10.21	83.89 4.66 -11.63	123.84 5.58 -45.83	118.91 5.50 -41.03	93.23 5.09 -23.74	79.92 4.98 -11.18	67.14 4.68 -0.83	65.49 4.34 0.00	65.06 4.46 -0.28	69.81 4.27 -7.81	78.82 4.74 -10.03	112.36 5.96 -33.75	121.70 6.52 -41.84	117.36 6.53 -37.49	112.07 6.34 -32.77	110.02 6.20 -30.86	97.54 5.74 -19.15	96.83 5.21 -19.26	87.40 5.08 -9.66
HEWLETT_69_KV_BK3 55828	74.38 4.04 -11.78	69.81 3.98 -12.00	61.05 3.88 -3.35	63.52 3.74 -6.30	61.00 3.74 -3.87	69.07 3.80 -10.21	84.23 5.00 -11.63	124.06 5.79 -45.83	119.20 5.79 -41.03	93.55 5.41 -23.74	80.23 5.29 -11.18	67.57 5.11 -0.83	65.98 4.83 0.00	65.42 4.83 -0.28	70.21 4.68 -7.81	79.14 5.06 -10.03	112.80 6.39 -33.75	122.10 6.89 -41.87	117.84 6.97 -37.52	112.32 6.57 -32.80	110.68 6.57 -31.15	97.98 6.18 -19.15	97.12 5.50 -19.26	87.91 5.59 -9.66
HICKLING___1 23621	55.86 -2.69 0.00	51.99 -1.83 0.00	52.00 -1.83 0.00	51.77 -1.71 0.00	51.68 -1.71 0.00	53.58 -1.49 0.00	67.81 -2.23 -2.44	71.51 -2.68 -1.76	71.41 -2.75 -1.78	61.45 -3.03 -0.07	60.87 -2.87 0.02	58.72 -2.90 0.00	58.70 -2.45 0.00	57.90 -2.41 0.00	55.47 -2.25 0.00	61.74 -2.31 0.00	70.40 -2.25 0.00	74.40 -2.05 -3.12	76.74 -2.05 -5.45	73.78 -1.82 -2.65	72.51 -1.75 -1.30	70.91 -1.74 0.00	70.48 -1.88 0.00	72.75 -0.87 -0.97
HICKLING___2 23622	55.86 -2.69 0.00	51.99 -1.83 0.00	52.00 -1.83 0.00	51.77 -1.71 0.00	51.68 -1.71 0.00	53.58 -1.49 0.00	67.81 -2.23 -2.44	71.51 -2.68 -1.76	71.41 -2.75 -1.78	61.45 -3.03 -0.07	60.87 -2.87 0.02	58.72 -2.90 0.00	58.70 -2.45 0.00	57.90 -2.41 0.00	55.47 -2.25 0.00	61.74 -2.31 0.00	70.40 -2.25 0.00	74.40 -2.05 -3.12	76.74 -2.05 -5.45	73.78 -1.82 -2.65	72.51 -1.75 -1.30	70.91 -1.74 0.00	70.48 -1.88 0.00	72.75 -0.87 -0.97
HIGH FALLS___HY 23754	61.37 2.81 0.00	56.68 2.85 0.00	56.63 2.80 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	81.35 4.06 -9.70	84.03 4.64 -6.96	83.85 4.49 -6.98	68.62 3.93 -0.29	67.46 3.70 0.00	65.14 3.51 0.00	64.39 3.24 0.00	63.63 3.32 0.00	61.01 3.29 0.00	67.77 3.71 0.00	77.52 4.87 0.00	90.75 5.72 -11.69	99.16 5.87 -19.94	88.39 5.47 -9.97	83.31 5.47 -4.88	77.52 4.87 0.00	76.63 4.27 0.00	81.08 4.50 -3.92
HIGH_RIVER___SOLAR 323847	61.43 2.87 0.00	56.62 2.80 0.00	56.57 2.74 0.00	56.15 2.67 0.00	56.06 2.67 0.00	58.02 2.86 -0.09	151.09 3.72 -79.78	133.69 3.98 -57.27	133.77 3.98 -57.41	70.13 3.35 -2.38	67.01 3.25 0.00	64.58 2.96 0.00	63.96 2.81 0.00	63.21 2.90 0.00	60.38 2.66 0.00	67.19 3.14 0.00	76.80 4.14 0.00	122.04 4.55 -44.16	118.59 4.62 -40.62	117.26 4.45 -39.86	96.93 4.45 -19.52	76.94 4.29 0.00	76.34 3.98 0.00	108.37 4.07 -31.65

HILLBURN___GT 23639	60.90 2.34 0.00	56.25 2.42 0.00	56.14 2.31 0.00	55.67 2.19 0.00	55.58 2.19 0.00	57.22 2.15 -0.01	77.39 3.11 -6.69	81.07 3.84 -4.80	80.96 3.76 -4.81	68.08 3.48 -0.20	67.14 3.38 0.00	64.83 3.20 0.00	64.08 2.94 0.00	63.33 3.01 0.00	60.61 2.88 0.00	67.25 3.20 0.00	76.80 4.14 0.00	87.97 4.70 -9.94	96.46 4.70 -18.42	85.78 4.45 -8.38	81.44 4.38 -4.10	76.65 3.99 0.00	75.76 3.40 0.00	78.64 3.34 -2.64
HILLSIDE_115KV_TB1 80332	55.51 -3.04 0.00	51.56 -2.26 0.00	51.62 -2.21 0.00	51.34 -2.14 0.00	51.31 -2.08 0.00	53.14 -1.93 0.00	67.35 -2.77 -2.52	71.07 -3.19 -1.82	70.90 -3.33 -1.85	61.06 -3.41 -0.07	60.49 -3.25 0.02	58.42 -3.20 0.00	58.21 -2.94 0.00	57.42 -2.90 0.00	55.01 -2.71 0.00	61.17 -2.88 0.00	69.82 -2.83 0.00	73.77 -2.79 -3.22	76.11 -2.86 -5.63	73.14 -2.55 -2.74	71.75 -2.55 -1.34	70.19 -2.47 0.00	69.68 -2.68 0.00	71.92 -1.74 -1.00
HISHELDN_WT_PWR 323625	52.64 -5.91 0.00	49.25 -4.58 0.00	49.25 -4.58 0.00	49.15 -4.33 0.00	49.07 -4.32 0.00	51.21 -3.86 0.00	63.30 -6.02 -1.72	66.14 -7.53 -1.24	65.95 -7.67 -1.25	56.78 -7.67 -0.04	56.52 -7.20 0.04	54.90 -6.72 0.01	55.16 -5.99 0.00	54.34 -5.97 0.00	52.12 -5.60 0.00	57.78 -6.27 0.00	65.61 -7.05 0.00	68.86 -6.67 -2.20	70.24 -6.97 -3.87	67.89 -6.93 -1.87	67.38 -6.49 -0.91	66.55 -6.10 0.00	66.64 -5.72 0.00	69.42 -3.92 -0.68
HOLTSVILLE_IC_1 23690	75.14 4.80 -11.78	70.56 4.74 -12.00	61.70 4.52 -3.35	64.21 4.44 -6.30	61.64 4.38 -3.87	69.79 4.52 -10.21	85.25 6.01 -11.63	125.36 7.10 -45.83	120.36 6.95 -41.03	94.32 6.18 -23.74	80.93 5.99 -11.18	68.19 5.73 -0.83	66.47 5.32 0.00	66.21 5.61 -0.28	70.84 5.31 -7.81	79.97 5.89 -10.03	113.89 7.49 -33.75	123.19 7.99 -41.86	118.71 7.85 -37.51	113.26 7.52 -32.79	111.48 7.45 -31.07	98.78 6.98 -19.15	97.99 6.37 -19.26	88.57 6.25 -9.66
HOLTSVILLE_IC_10 23699	75.43 5.09 -11.78	70.88 5.06 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.06 4.79 -10.21	85.66 6.43 -11.63	125.87 7.60 -45.83	120.87 7.46 -41.03	94.78 6.64 -23.74	81.38 6.44 -11.18	68.56 6.10 -0.83	66.84 5.69 0.00	66.57 5.97 -0.28	71.20 5.66 -7.81	80.36 6.28 -10.03	114.39 7.99 -33.75	123.85 8.65 -41.86	119.36 8.50 -37.51	113.91 8.17 -32.79	112.05 8.03 -31.06	99.29 7.49 -19.15	98.50 6.88 -19.26	89.08 6.76 -9.66
HOLTSVILLE_IC_2 23691	75.14 4.80 -11.78	70.56 4.74 -12.00	61.70 4.52 -3.35	64.21 4.44 -6.30	61.64 4.38 -3.87	69.79 4.52 -10.21	85.25 6.01 -11.63	125.36 7.10 -45.83	120.36 6.95 -41.03	94.32 6.18 -23.74	80.93 5.99 -11.18	68.19 5.73 -0.83	66.47 5.32 0.00	66.21 5.61 -0.28	70.84 5.31 -7.81	79.97 5.89 -10.03	113.89 7.49 -33.75	123.19 7.99 -41.86	118.71 7.85 -37.51	113.26 7.52 -32.79	111.48 7.45 -31.07	98.78 6.98 -19.15	97.99 6.37 -19.26	88.57 6.25 -9.66
HOLTSVILLE_IC_3 23692	75.14 4.80 -11.78	70.56 4.74 -12.00	61.70 4.52 -3.35	64.21 4.44 -6.30	61.64 4.38 -3.87	69.79 4.52 -10.21	85.25 6.01 -11.63	125.36 7.10 -45.83	120.36 6.95 -41.03	94.32 6.18 -23.74	80.93 5.99 -11.18	68.19 5.73 -0.83	66.47 5.32 0.00	66.21 5.61 -0.28	70.84 5.31 -7.81	79.97 5.89 -10.03	113.89 7.49 -33.75	123.19 7.99 -41.86	118.71 7.85 -37.51	113.26 7.52 -32.79	111.48 7.45 -31.07	98.78 6.98 -19.15	97.99 6.37 -19.26	88.57 6.25 -9.66
HOLTSVILLE_IC_4 23693	75.14 4.80 -11.78	70.56 4.74 -12.00	61.70 4.52 -3.35	64.21 4.44 -6.30	61.64 4.38 -3.87	69.79 4.52 -10.21	85.25 6.01 -11.63	125.36 7.10 -45.83	120.36 6.95 -41.03	94.32 6.18 -23.74	80.93 5.99 -11.18	68.19 5.73 -0.83	66.47 5.32 0.00	66.21 5.61 -0.28	70.84 5.31 -7.81	79.97 5.89 -10.03	113.89 7.49 -33.75	123.19 7.99 -41.86	118.71 7.85 -37.51	113.26 7.52 -32.79	111.48 7.45 -31.07	98.78 6.98 -19.15	97.99 6.37 -19.26	88.57 6.25 -9.66
HOLTSVILLE_IC_5 23694	75.14 4.80 -11.78	70.56 4.74 -12.00	61.70 4.52 -3.35	64.21 4.44 -6.30	61.64 4.38 -3.87	69.79 4.52 -10.21	85.25 6.01 -11.63	125.36 7.10 -45.83	120.36 6.95 -41.03	94.32 6.18 -23.74	80.93 5.99 -11.18	68.19 5.73 -0.83	66.47 5.32 0.00	66.21 5.61 -0.28	70.84 5.31 -7.81	79.97 5.89 -10.03	113.89 7.49 -33.75	123.19 7.99 -41.86	118.71 7.85 -37.51	113.26 7.52 -32.79	111.48 7.45 -31.07	98.78 6.98 -19.15	97.99 6.37 -19.26	88.57 6.25 -9.66
HOLTSVILLE_IC_6 23695	75.43 5.09 -11.78	70.88 5.06 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.06 4.79 -10.21	85.66 6.43 -11.63	125.87 7.60 -45.83	120.87 7.46 -41.03	94.78 6.64 -23.74	81.38 6.44 -11.18	68.56 6.10 -0.83	66.84 5.69 0.00	66.57 5.97 -0.28	71.20 5.66 -7.81	80.36 6.28 -10.03	114.39 7.99 -33.75	123.85 8.65 -41.86	119.36 8.50 -37.51	113.91 8.17 -32.79	112.05 8.03 -31.06	99.29 7.49 -19.15	98.50 6.88 -19.26	89.08 6.76 -9.66
HOLTSVILLE_IC_7 23696	75.43 5.09 -11.78	70.88 5.06 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.06 4.79 -10.21	85.66 6.43 -11.63	125.87 7.60 -45.83	120.87 7.46 -41.03	94.78 6.64 -23.74	81.38 6.44 -11.18	68.56 6.10 -0.83	66.84 5.69 0.00	66.57 5.97 -0.28	71.20 5.66 -7.81	80.36 6.28 -10.03	114.39 7.99 -33.75	123.85 8.65 -41.86	119.36 8.50 -37.51	113.91 8.17 -32.79	112.05 8.03 -31.06	99.29 7.49 -19.15	98.50 6.88 -19.26	89.08 6.76 -9.66
HOLTSVILLE_IC_8 23697	75.43 5.09 -11.78	70.88 5.06 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.06 4.79 -10.21	85.66 6.43 -11.63	125.87 7.60 -45.83	120.87 7.46 -41.03	94.78 6.64 -23.74	81.38 6.44 -11.18	68.56 6.10 -0.83	66.84 5.69 0.00	66.57 5.97 -0.28	71.20 5.66 -7.81	80.36 6.28 -10.03	114.39 7.99 -33.75	123.85 8.65 -41.86	119.36 8.50 -37.51	113.91 8.17 -32.79	112.05 8.03 -31.06	99.29 7.49 -19.15	98.50 6.88 -19.26	89.08 6.76 -9.66
HOLTSVILLE_IC_9 23698	75.43 5.09 -11.78	70.88 5.06 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.06 4.79 -10.21	85.66 6.43 -11.63	125.87 7.60 -45.83	120.87 7.46 -41.03	94.78 6.64 -23.74	81.38 6.44 -11.18	68.56 6.10 -0.83	66.84 5.69 0.00	66.57 5.97 -0.28	71.20 5.66 -7.81	80.36 6.28 -10.03	114.39 7.99 -33.75	123.85 8.65 -41.86	119.36 8.50 -37.51	113.91 8.17 -32.79	112.05 8.03 -31.06	99.29 7.49 -19.15	98.50 6.88 -19.26	89.08 6.76 -9.66
HOMER_HL_115KV_TB2 355744	52.94 -5.62 0.00	49.46 -4.36 0.00	49.52 -4.31 0.00	49.36 -4.12 0.00	49.28 -4.11 0.00	51.21 -3.85 0.00	63.66 -5.75 -1.80	66.93 -6.81 -1.30	66.67 -7.02 -1.30	57.56 -6.89 -0.05	57.35 -6.38 0.03	55.64 -5.98 0.01	55.71 -5.44 0.00	55.07 -5.25 0.00	52.70 -5.02 0.00	58.54 -5.51 0.00	66.48 -6.18 0.00	67.43 -8.21 -2.31	69.12 -8.29 -4.06	68.71 -6.20 -1.96	68.01 -5.91 -0.96	67.28 -5.38 0.00	66.93 -5.43 0.00	69.74 -3.63 -0.72
HOWARD_WT_PWR 323690	53.52 -5.04 0.00	49.84 -3.98 0.00	49.90 -3.93 0.00	49.47 -4.01 0.00	49.28 -4.11 0.00	51.32 -3.75 0.00	64.38 -5.27 -2.06	67.76 -6.16 -1.49	67.62 -6.23 -1.46	58.02 -6.44 -0.05	57.48 -6.25 0.03	55.70 -5.92 0.01	56.32 -4.83 0.00	55.49 -4.83 0.00	53.39 -4.33 0.00	59.50 -4.55 0.00	68.08 -4.58 0.00	71.99 -3.96 -2.61	74.15 -3.74 -4.54	71.89 -3.28 -2.22	71.35 -2.70 -1.09	70.04 -2.61 0.00	69.90 -2.46 0.00	72.09 -1.38 -0.82

HQ_GEN_CEDARS 23644	59.49 0.94 0.00	54.09 0.27 0.00	54.10 0.27 0.00	53.85 0.37 0.00	53.71 0.32 0.00	55.51 0.44 0.00	68.00 0.41 0.00	72.22 -0.22 0.00	72.16 -0.22 0.00	64.66 0.26 0.00	64.08 0.32 0.00	62.06 0.43 0.00	61.64 0.49 0.00	60.74 0.42 0.00	58.13 0.40 0.00	64.50 0.45 0.00	72.00 -0.65 0.00	71.80 -1.54 0.00	71.81 -1.54 0.00	72.00 -0.95 0.00	72.23 -0.73 0.00	72.29 -0.36 0.00	72.80 0.43 0.00	72.51 -0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	59.49 0.93 0.00	54.10 0.27 0.00	54.10 0.27 0.00	53.86 0.38 0.00	53.71 0.32 0.00	55.50 0.44 0.00	67.94 0.34 0.00	72.07 -0.36 0.00	72.02 -0.36 0.00	64.66 0.26 0.00	64.08 0.32 0.00	62.06 0.43 0.00	61.64 0.49 0.00	60.68 0.36 0.00	58.13 0.41 0.00	64.50 0.45 0.00	71.93 -0.73 0.00	71.72 -1.61 0.00	71.73 -1.61 0.00	71.86 -1.09 0.00	72.09 -0.87 0.00	72.22 -0.43 0.00	72.51 0.15 0.00	72.44 -0.22 0.00
HQ_GEN_IMPORT 323601	58.79 0.24 0.00	53.61 -0.21 0.00	53.61 -0.21 0.00	53.32 -0.16 0.00	53.18 -0.21 0.00	54.90 -0.16 0.00	67.26 -0.34 0.00	71.93 -0.50 0.00	71.88 -0.50 0.00	64.08 -0.32 0.00	63.50 -0.25 0.00	61.44 -0.18 0.00	60.97 -0.18 0.00	60.08 -0.24 0.00	57.49 -0.23 0.00	63.86 -0.19 0.00	71.93 -0.73 0.00	71.94 -1.40 0.00	71.95 -1.40 0.00	71.93 -1.02 0.00	71.94 -1.02 0.00	71.93 -0.73 0.00	71.93 -0.43 0.00	71.93 -0.73 0.00
HQ_GEN_WHEEL 23651	58.79 0.24 0.00	53.61 -0.21 0.00	53.61 -0.21 0.00	53.32 -0.16 0.00	53.18 -0.21 0.00	54.90 -0.16 0.00	67.26 -0.34 0.00	71.93 -0.50 0.00	71.88 -0.50 0.00	64.08 -0.32 0.00	63.50 -0.25 0.00	61.44 -0.18 0.00	60.97 -0.18 0.00	60.08 -0.24 0.00	57.49 -0.23 0.00	63.86 -0.19 0.00	71.93 -0.73 0.00	71.94 -1.40 0.00	71.95 -1.40 0.00	71.93 -1.02 0.00	71.94 -1.02 0.00	71.93 -0.73 0.00	71.93 -0.43 0.00	71.93 -0.73 0.00
HUDSON AVE_GT_3 23810	61.60 3.04 0.00	56.89 3.07 0.00	56.73 2.91 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.88 2.81 -0.01	78.44 3.79 -7.05	82.28 4.78 -5.07	82.09 4.63 -5.08	69.06 4.44 -0.21	68.03 4.27 0.00	65.75 4.13 0.00	65.00 3.85 0.00	64.24 3.92 0.00	61.47 3.75 0.00	68.15 4.10 0.00	77.89 5.23 0.00	89.56 5.79 -10.44	98.47 5.79 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.60 4.94 0.00	76.56 4.20 0.00	79.51 4.07 -2.78
HUDSON AVE_GT_4 23540	61.60 3.04 0.00	56.89 3.07 0.00	56.73 2.91 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.88 2.81 -0.01	78.44 3.79 -7.05	82.28 4.78 -5.07	82.09 4.63 -5.08	69.06 4.44 -0.21	68.03 4.27 0.00	65.75 4.13 0.00	65.00 3.85 0.00	64.24 3.92 0.00	61.47 3.75 0.00	68.15 4.10 0.00	77.89 5.23 0.00	89.56 5.79 -10.44	98.47 5.79 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.60 4.94 0.00	76.56 4.20 0.00	79.51 4.07 -2.78
HUDSON AVE_GT_5 23657	61.60 3.04 0.00	56.89 3.07 0.00	56.73 2.91 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.88 2.81 -0.01	78.44 3.79 -7.05	82.28 4.78 -5.07	82.09 4.63 -5.08	69.06 4.44 -0.21	68.03 4.27 0.00	65.75 4.13 0.00	65.00 3.85 0.00	64.24 3.92 0.00	61.47 3.75 0.00	68.15 4.10 0.00	77.89 5.23 0.00	89.56 5.79 -10.44	98.47 5.79 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.60 4.94 0.00	76.56 4.20 0.00	79.51 4.07 -2.78
HUDSON_AVE_10 24168	61.48 2.93 0.00	56.78 2.96 0.00	56.57 2.75 0.00	56.10 2.62 0.00	56.01 2.62 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.21 4.71 -5.07	82.09 4.63 -5.08	69.06 4.44 -0.21	68.03 4.27 0.00	65.75 4.13 0.00	65.00 3.85 0.00	64.18 3.86 0.00	61.42 3.69 0.00	68.09 4.04 0.00	77.89 5.23 0.00	89.64 5.87 -10.44	98.47 5.79 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.52 4.87 0.00	76.49 4.12 0.00	79.43 4.00 -2.78
HUDSON___115KV_TB 4 355613	62.19 3.63 0.00	57.32 3.50 0.00	57.27 3.44 0.00	56.85 3.37 0.00	56.70 3.31 0.00	58.51 3.41 -0.03	100.34 3.31 -29.43	96.97 3.40 -21.13	96.75 3.18 -21.18	68.12 2.83 -0.88	66.95 3.19 0.00	64.52 2.90 0.00	63.90 2.75 0.00	63.15 2.83 0.00	60.55 2.83 0.00	67.06 3.01 0.00	76.58 3.92 0.00	99.39 3.67 -22.39	105.02 3.67 -28.01	96.27 3.57 -19.74	86.28 3.65 -9.67	76.65 4.00 0.00	76.12 3.76 0.00	89.14 4.14 -12.34
HUNTER MOUNT___DRP 323613	62.60 4.04 0.00	57.65 3.82 0.00	57.65 3.82 0.00	57.22 3.74 0.00	57.13 3.74 0.00	58.89 3.80 -0.03	96.36 3.52 -25.25	94.11 3.55 -18.13	93.88 3.33 -18.17	67.99 2.83 -0.75	67.20 3.44 0.00	64.83 3.20 0.00	64.15 3.00 0.00	63.39 3.08 0.00	60.84 3.12 0.00	67.45 3.39 0.00	77.02 4.36 0.00	97.31 3.81 -20.16	103.73 3.89 -26.49	94.36 3.72 -17.69	85.42 3.79 -8.66	77.23 4.58 0.00	76.70 4.34 0.00	87.45 4.29 -10.51
HUNTINGTON_RES_REC 323705	75.08 4.74 -11.78	70.45 4.63 -12.00	61.59 4.41 -3.35	64.11 4.33 -6.30	61.54 4.27 -3.87	69.68 4.41 -10.21	85.25 6.01 -11.63	125.36 7.10 -45.83	120.43 7.02 -41.03	94.39 6.25 -23.74	81.06 6.12 -11.18	68.25 5.79 -0.83	66.53 5.38 0.00	66.21 5.61 -0.28	70.91 5.37 -7.81	80.04 5.96 -10.03	113.96 7.56 -33.75	123.48 8.28 -41.86	119.00 8.14 -37.51	114.64 8.90 -32.79	111.36 7.37 -31.04	99.07 7.26 -19.15	98.27 6.65 -19.26	88.78 6.46 -9.66
HUNTLEY___63 23557	52.41 -6.15 0.00	49.20 -4.63 0.00	49.25 -4.58 0.00	49.15 -4.33 0.00	49.12 -4.27 0.00	50.99 -4.07 0.00	60.90 -6.69 0.00	63.89 -8.55 0.00	63.77 -8.61 0.00	56.09 -8.31 0.01	56.07 -7.65 0.04	54.28 -7.33 0.01	54.48 -6.67 0.00	53.80 -6.51 0.00	51.43 -6.29 0.00	57.13 -6.92 0.00	64.52 -8.14 0.00	67.78 -7.48 -1.93	69.00 -7.77 -3.43	65.91 -8.68 -1.64	65.59 -8.17 -0.80	65.25 -7.41 0.00	64.91 -7.45 0.00	67.86 -4.80 0.00
HUNTLEY___64 23558	52.41 -6.15 0.00	49.20 -4.63 0.00	49.25 -4.58 0.00	49.15 -4.33 0.00	49.12 -4.27 0.00	50.99 -4.07 0.00	60.90 -6.69 0.00	63.89 -8.55 0.00	63.77 -8.61 0.00	56.09 -8.31 0.01	56.07 -7.65 0.04	54.28 -7.33 0.01	54.48 -6.67 0.00	53.80 -6.51 0.00	51.43 -6.29 0.00	57.13 -6.92 0.00	64.52 -8.14 0.00	67.78 -7.48 -1.93	69.00 -7.77 -3.43	65.91 -8.68 -1.64	65.59 -8.17 -0.80	65.25 -7.41 0.00	64.91 -7.45 0.00	67.86 -4.80 0.00
HUNTLEY___65 23559	52.41 -6.15 0.00	49.20 -4.63 0.00	49.25 -4.58 0.00	49.15 -4.33 0.00	49.12 -4.27 0.00	50.99 -4.07 0.00	60.90 -6.69 0.00	63.89 -8.55 0.00	63.77 -8.61 0.00	56.09 -8.31 0.01	56.07 -7.65 0.04	54.28 -7.33 0.01	54.48 -6.67 0.00	53.80 -6.51 0.00	51.43 -6.29 0.00	57.13 -6.92 0.00	64.52 -8.14 0.00	67.78 -7.48 -1.93	69.00 -7.77 -3.43	65.91 -8.68 -1.64	65.59 -8.17 -0.80	65.25 -7.41 0.00	64.91 -7.45 0.00	67.86 -4.80 0.00
HUNTLEY___66 23560	52.41 -6.15 0.00	49.20 -4.63 0.00	49.25 -4.58 0.00	49.15 -4.33 0.00	49.12 -4.27 0.00	50.99 -4.07 0.00	60.90 -6.69 0.00	63.89 -8.55 0.00	63.77 -8.61 0.00	56.09 -8.31 0.01	56.07 -7.65 0.04	54.28 -7.33 0.01	54.48 -6.67 0.00	53.80 -6.51 0.00	51.43 -6.29 0.00	57.13 -6.92 0.00	64.52 -8.14 0.00	67.78 -7.48 -1.93	69.00 -7.77 -3.43	65.91 -8.68 -1.64	65.59 -8.17 -0.80	65.25 -7.41 0.00	64.91 -7.45 0.00	67.86 -4.80 0.00



HUNTLEY___67 23561	52.29 -6.27 0.00	49.09 -4.74 0.00	49.14 -4.68 0.00	49.04 -4.44 0.00	48.96 -4.43 0.00	50.83 -4.24 0.00	60.84 -6.76 0.00	63.81 -8.62 0.00	63.77 -8.61 0.00	56.09 -8.31 0.01	56.07 -7.65 0.04	54.28 -7.33 0.01	54.48 -6.67 0.00	53.74 -6.57 0.00	51.43 -6.29 0.00	57.07 -6.98 0.00	64.52 -8.14 0.00	67.75 -7.55 -1.96	68.99 -7.85 -3.49	66.01 -8.61 -1.67	65.53 -8.24 -0.82	65.17 -7.48 0.00	64.84 -7.53 0.00	67.72 -4.94 0.00
HUNTLEY___68 23562	52.29 -6.27 0.00	49.09 -4.74 0.00	49.14 -4.68 0.00	49.04 -4.44 0.00	48.96 -4.43 0.00	50.83 -4.24 0.00	60.84 -6.76 0.00	63.81 -8.62 0.00	63.77 -8.61 0.00	56.09 -8.31 0.01	56.07 -7.65 0.04	54.28 -7.33 0.01	54.48 -6.67 0.00	53.74 -6.57 0.00	51.43 -6.29 0.00	57.07 -6.98 0.00	64.52 -8.14 0.00	67.75 -7.55 -1.96	68.99 -7.85 -3.49	66.01 -8.61 -1.67	65.53 -8.24 -0.82	65.17 -7.48 0.00	64.84 -7.53 0.00	67.72 -4.94 0.00
HYLAND___LFGE 323620	54.98 -3.57 0.00	51.19 -2.64 0.00	51.19 -2.64 0.00	51.02 -2.46 0.00	51.10 -2.29 0.00	53.25 -1.82 0.00	64.89 -2.71 0.00	70.33 -3.33 -1.22	68.69 -3.69 0.00	60.02 -4.38 0.01	59.26 -4.46 0.04	57.24 -4.37 0.01	57.23 -3.91 0.00	56.40 -3.92 0.00	54.26 -3.46 0.00	60.72 -3.33 0.00	69.46 -3.20 0.00	73.95 -1.54 -2.15	75.59 -1.54 -3.79	72.38 -2.41 -1.83	71.82 -2.04 -0.90	70.70 -1.96 0.00	70.26 -2.10 0.00	71.57 -1.09 0.00
INDECK___CORINTH 23802	63.07 4.51 0.00	58.13 4.31 0.00	58.03 4.20 0.00	57.54 4.06 0.00	57.45 4.06 0.00	59.61 4.46 -0.09	149.63 5.68 -76.35	133.40 6.15 -54.82	133.47 6.15 -54.94	72.02 5.34 -2.28	68.99 5.23 0.00	66.31 4.68 0.00	65.61 4.46 0.00	64.84 4.53 0.00	61.88 4.16 0.00	68.86 4.81 0.00	78.68 6.03 0.00	122.40 6.52 -42.54	119.15 6.60 -39.20	117.77 6.42 -38.40	98.11 6.34 -18.80	78.97 6.32 0.00	78.36 6.00 0.00	109.02 6.25 -30.12
INDECK___ILION 23567	58.09 -0.47 0.00	53.45 -0.38 0.00	53.34 -0.48 0.00	52.84 -0.64 0.00	52.70 -0.69 0.00	54.40 -0.66 0.00	66.92 -0.68 0.00	71.56 -0.87 0.00	71.51 -0.87 0.00	63.50 -0.90 0.00	62.42 -1.34 0.00	60.58 -1.05 0.00	60.17 -0.98 0.00	59.29 -1.03 0.00	56.63 -1.10 0.00	62.77 -1.28 0.00	71.78 -0.87 0.00	72.82 -0.51 0.00	73.13 -0.22 0.00	72.73 -0.22 0.00	72.74 -0.22 0.00	72.80 0.15 0.00	72.58 0.22 0.00	73.02 0.36 0.00
INDECK___OLEAN 23982	53.58 -4.98 0.00	50.06 -3.77 0.00	50.06 -3.77 0.00	50.00 -3.48 0.00	49.92 -3.47 0.00	51.99 -3.08 0.00	64.60 -4.80 -1.80	67.94 -5.80 -1.30	67.68 -6.01 -1.30	58.33 -6.12 -0.05	58.05 -5.67 0.03	56.44 -5.18 0.01	56.56 -4.59 0.00	55.79 -4.52 0.00	53.51 -4.21 0.00	59.38 -4.67 0.00	66.55 -6.10 0.00	67.50 -8.14 -2.31	68.96 -8.43 -4.05	68.86 -6.05 -1.96	68.16 -5.77 -0.96	67.28 -5.38 0.00	67.29 -5.07 0.00	69.74 -3.63 -0.72
INDECK___OSWEGO 23783	56.10 -2.46 0.00	51.78 -2.05 0.00	51.73 -2.10 0.00	51.45 -2.03 0.00	51.42 -1.97 0.00	53.14 -1.93 0.00	65.17 -2.43 0.00	69.90 -2.54 0.00	69.85 -2.54 0.00	61.96 -2.45 0.00	61.29 -2.49 -0.02	59.29 -2.34 0.00	58.95 -2.20 0.00	58.09 -2.23 0.00	55.65 -2.08 0.00	61.75 -2.30 0.00	70.11 -2.55 0.00	71.38 -2.05 -0.09	72.69 -2.05 -1.40	70.55 -2.41 0.00	70.56 -2.41 0.00	70.19 -2.47 0.00	69.83 -2.53 0.00	70.33 -2.33 0.00
INDECK___YERKES 23781	52.47 -6.09 0.00	49.20 -4.63 0.00	49.14 -4.68 0.00	49.20 -4.28 0.00	49.07 -4.32 0.00	51.21 -3.86 0.00	61.17 -6.42 0.00	64.17 -8.26 0.00	64.06 -8.32 0.00	56.15 -8.24 0.01	56.07 -7.65 0.04	54.53 -7.08 0.01	54.79 -6.36 0.00	53.98 -6.33 0.00	51.72 -6.00 0.00	57.20 -6.85 0.00	64.66 -7.99 0.00	67.93 -7.33 -1.93	68.98 -7.78 -3.41	66.27 -8.32 -1.64	65.88 -7.88 -0.80	65.32 -7.34 0.00	65.49 -6.88 0.00	67.94 -4.72 0.00
INDIAN POINT_GT_1 24139	61.13 2.58 0.00	56.46 2.64 0.00	56.30 2.48 0.00	55.89 2.41 0.00	55.79 2.40 0.00	57.50 2.42 -0.01	77.89 3.31 -6.98	81.50 4.06 -5.01	81.39 3.98 -5.02	68.28 3.67 -0.21	67.39 3.63 0.00	65.08 3.45 0.00	64.39 3.24 0.00	63.57 3.26 0.00	60.84 3.12 0.00	67.45 3.39 0.00	77.09 4.43 0.00	88.65 4.99 -10.33	97.47 4.99 -19.14	86.33 4.67 -8.71	81.90 4.67 -4.27	76.87 4.21 0.00	75.98 3.62 0.00	79.04 3.63 -2.75
INDIAN POINT_GT_2 23659	61.13 2.58 0.00	56.46 2.64 0.00	56.30 2.48 0.00	55.89 2.41 0.00	55.79 2.40 0.00	57.50 2.42 -0.01	77.89 3.31 -6.98	81.50 4.06 -5.01	81.39 3.98 -5.02	68.28 3.67 -0.21	67.39 3.63 0.00	65.08 3.45 0.00	64.39 3.24 0.00	63.57 3.26 0.00	60.84 3.12 0.00	67.45 3.39 0.00	77.09 4.43 0.00	88.65 4.99 -10.33	97.47 4.99 -19.14	86.33 4.67 -8.71	81.90 4.67 -4.27	76.87 4.21 0.00	75.98 3.62 0.00	79.04 3.63 -2.75
INDIAN POINT_GT_3 24019	61.13 2.58 0.00	56.46 2.64 0.00	56.30 2.48 0.00	55.89 2.41 0.00	55.79 2.40 0.00	57.50 2.42 -0.01	77.89 3.31 -6.98	81.50 4.06 -5.01	81.39 3.98 -5.02	68.28 3.67 -0.21	67.39 3.63 0.00	65.08 3.45 0.00	64.39 3.24 0.00	63.57 3.26 0.00	60.84 3.12 0.00	67.45 3.39 0.00	77.09 4.43 0.00	88.65 4.99 -10.33	97.47 4.99 -19.14	86.33 4.67 -8.71	81.90 4.67 -4.27	76.87 4.21 0.00	75.98 3.62 0.00	79.04 3.63 -2.75
INDIAN POINT___2 23530	61.02 2.46 0.00	56.35 2.53 0.00	56.25 2.42 0.00	55.78 2.30 0.00	55.69 2.29 0.00	57.33 2.26 -0.01	77.64 3.18 -6.87	81.27 3.91 -4.93	81.16 3.83 -4.94	68.15 3.54 -0.20	67.26 3.50 0.00	64.95 3.33 0.00	64.21 3.06 0.00	63.39 3.07 0.00	60.67 2.94 0.00	67.32 3.26 0.00	76.94 4.29 0.00	88.28 4.76 -10.18	96.98 4.76 -18.87	86.06 4.52 -8.59	81.69 4.53 -4.21	76.72 4.07 0.00	75.91 3.54 0.00	78.78 3.42 -2.71
INDIAN POINT___3 23531	61.07 2.52 0.00	56.41 2.58 0.00	56.25 2.42 0.00	55.83 2.35 0.00	55.74 2.35 0.00	57.44 2.37 -0.01	77.83 3.24 -6.99	81.36 3.91 -5.02	81.25 3.84 -5.03	68.22 3.61 -0.21	67.27 3.51 0.00	65.01 3.39 0.00	64.27 3.12 0.00	63.51 3.20 0.00	60.78 3.06 0.00	67.38 3.33 0.00	76.94 4.29 0.00	88.51 4.84 -10.34	97.34 4.84 -19.15	86.19 4.52 -8.72	81.75 4.52 -4.27	76.80 4.14 0.00	75.83 3.47 0.00	78.90 3.49 -2.75
INGHAM_C_115KV_TB7 356103	57.74 -0.82 0.00	53.12 -0.70 0.00	53.02 -0.81 0.00	52.52 -0.96 0.00	52.38 -1.01 0.00	54.07 -0.99 0.00	66.45 -1.15 0.00	71.06 -1.38 0.00	71.01 -1.38 0.00	63.05 -1.35 0.00	62.10 -1.66 0.00	60.15 -1.48 0.00	59.74 -1.41 0.00	58.87 -1.45 0.00	56.22 -1.50 0.00	62.32 -1.73 0.00	71.20 -1.45 0.00	72.24 -1.10 0.00	72.47 -0.88 0.00	72.15 -0.80 0.00	72.16 -0.80 0.00	72.29 -0.36 0.00	72.00 -0.36 0.00	72.51 -0.15 0.00
IP CORINTH___1 23988	63.12 4.57 0.00	58.13 4.31 0.00	58.03 4.20 0.00	57.54 4.06 0.00	57.45 4.06 0.00	59.61 4.46 -0.09	149.56 5.61 -76.35	133.33 6.08 -54.82	133.48 6.15 -54.94	72.03 5.35 -2.28	68.99 5.23 0.00	66.31 4.68 0.00	65.61 4.46 0.00	64.84 4.52 0.00	61.88 4.16 0.00	68.85 4.80 0.00	78.69 6.03 0.00	122.41 6.53 -42.54	119.15 6.60 -39.20	117.77 6.42 -38.40	98.11 6.35 -18.80	78.98 6.32 0.00	78.30 5.93 0.00	109.02 6.25 -30.12

IP__TICONDEROGA 23804	65.70 7.14 0.00	60.50 6.67 0.00	60.23 6.41 0.00	59.68 6.20 0.00	59.59 6.19 0.00	62.15 6.99 -0.09	152.02 8.79 -75.63	136.08 9.34 -54.30	136.22 9.41 -54.43	74.71 8.05 -2.26	71.60 7.84 0.00	68.77 7.15 0.00	68.00 6.85 0.00	67.25 6.94 0.00	64.13 6.41 0.00	71.61 7.56 0.00	82.03 9.37 0.00	125.51 9.97 -42.20	122.48 10.12 -39.01	121.02 9.99 -38.08	101.38 9.78 -18.65	82.39 9.74 0.00	81.62 9.26 0.00	112.13 9.66 -29.81
ISLIP_RES_REC 323679	75.72 5.38 -11.78	71.10 5.28 -12.00	62.24 5.06 -3.35	64.69 4.92 -6.30	62.12 4.86 -3.87	70.34 5.06 -10.21	85.99 6.76 -11.63	126.23 7.97 -45.83	121.23 7.82 -41.03	95.10 6.96 -23.74	81.70 6.76 -11.18	68.86 6.41 -0.83	67.08 5.93 0.00	66.81 6.21 -0.28	71.48 5.95 -7.81	80.68 6.60 -10.03	114.83 8.42 -33.75	124.29 9.09 -41.86	119.80 8.95 -37.51	114.35 8.60 -32.79	112.41 8.39 -31.06	99.65 7.85 -19.15	98.92 7.31 -19.26	89.44 7.12 -9.66
JAMAICA__27_KV_LOAD 355505	61.72 3.16 0.00	57.00 3.18 0.00	56.79 2.96 0.00	56.31 2.83 0.00	56.22 2.83 0.00	58.10 3.03 -0.01	78.91 4.26 -7.05	82.93 5.43 -5.07	82.82 5.36 -5.08	69.70 5.09 -0.21	68.67 4.91 0.00	66.37 4.75 0.00	65.61 4.46 0.00	64.84 4.52 0.00	62.05 4.33 0.00	68.85 4.80 0.00	78.76 6.10 0.00	90.59 6.82 -10.44	99.50 6.82 -19.33	88.17 6.42 -8.80	83.69 6.42 -4.31	78.40 5.74 0.00	77.14 4.78 0.00	80.01 4.58 -2.78
JANIS__SOLAR 323808	59.79 1.23 0.00	55.28 1.45 0.00	55.17 1.35 0.00	54.82 1.34 0.00	54.78 1.39 0.00	57.00 1.93 0.00	73.89 2.57 -3.73	77.94 2.82 -2.69	77.74 2.68 -2.68	66.18 1.67 -0.11	65.14 1.40 0.02	62.79 1.17 0.00	62.44 1.29 0.00	61.46 1.14 0.00	58.99 1.27 0.00	65.97 1.92 0.00	75.35 2.69 0.00	81.01 3.74 -3.94	83.31 3.96 -6.01	80.07 3.72 -3.40	78.35 3.72 -1.67	76.00 3.34 0.00	75.62 3.26 0.00	77.55 3.42 -1.48
JARVIS____ 23743	58.91 0.35 0.00	54.25 0.43 0.00	54.26 0.43 0.00	53.91 0.43 0.00	53.82 0.43 0.00	55.45 0.39 0.00	68.13 0.54 0.00	73.01 0.58 0.00	72.96 0.58 0.00	64.92 0.51 0.00	64.27 0.51 0.00	62.06 0.43 0.00	61.58 0.43 0.00	60.74 0.43 0.00	58.13 0.41 0.00	64.50 0.45 0.00	73.38 0.73 0.00	74.22 0.88 0.00	74.23 0.88 0.00	73.76 0.80 0.00	73.77 0.80 0.00	73.38 0.73 0.00	73.01 0.65 0.00	73.38 0.73 0.00
JENNISON__1 23625	60.20 1.64 0.00	55.65 1.83 0.00	55.66 1.83 0.00	55.19 1.71 0.00	55.15 1.76 0.00	57.22 2.15 -0.01	76.33 2.77 -5.96	79.83 3.11 -4.28	79.64 2.97 -4.30	66.83 2.25 -0.18	65.85 2.10 0.01	63.47 1.85 0.00	63.11 1.96 0.00	62.13 1.81 0.00	59.45 1.73 0.00	66.36 2.31 0.00	75.78 3.12 0.00	82.99 3.96 -5.70	85.62 4.33 -7.95	82.01 4.09 -4.97	79.55 4.16 -2.43	76.51 3.85 0.00	76.05 3.69 0.00	78.95 3.92 -2.37
JENNISON__2 23626	60.20 1.64 0.00	55.65 1.83 0.00	55.66 1.83 0.00	55.19 1.71 0.00	55.15 1.76 0.00	57.22 2.15 -0.01	76.33 2.77 -5.96	79.83 3.11 -4.28	79.64 2.97 -4.30	66.83 2.25 -0.18	65.85 2.10 0.01	63.47 1.85 0.00	63.11 1.96 0.00	62.13 1.81 0.00	59.45 1.73 0.00	66.36 2.31 0.00	75.78 3.12 0.00	82.99 3.96 -5.70	85.62 4.33 -7.95	82.01 4.09 -4.97	79.55 4.16 -2.43	76.51 3.85 0.00	76.05 3.69 0.00	78.95 3.92 -2.37
JERICHO_RISE_WT_PWR 323719	57.50 -1.05 0.00	52.21 -1.61 0.00	52.21 -1.61 0.00	51.98 -1.50 0.00	51.84 -1.55 0.00	53.52 -1.54 0.00	65.50 -2.10 0.00	70.04 -2.39 0.00	69.92 -2.46 0.00	62.34 -2.06 0.00	61.78 -1.98 0.00	59.96 -1.66 0.00	59.62 -1.53 0.00	58.63 -1.69 0.00	56.11 -1.62 0.00	62.32 -1.73 0.00	70.19 -2.47 0.00	70.18 -3.15 0.00	70.19 -3.15 0.00	70.55 -2.41 0.00	70.70 -2.26 0.00	70.77 -1.89 0.00	71.06 -1.30 0.00	71.27 -1.38 0.00
KATONAH__115KV_46KV_TB4 355592	61.78 3.22 0.00	57.11 3.28 0.00	56.95 3.12 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.91 4.12 -7.19	82.30 4.71 -5.16	82.26 4.70 -5.17	68.87 4.25 -0.21	68.03 4.27 0.00	65.69 4.07 0.00	65.00 3.85 0.00	64.18 3.86 0.00	61.42 3.69 0.00	68.09 4.04 0.00	78.03 5.38 0.00	89.86 5.94 -10.58	99.02 6.09 -19.58	87.50 5.62 -8.93	82.95 5.62 -4.37	77.89 5.23 0.00	76.99 4.63 0.00	80.14 4.65 -2.83
KCE_NY_1 323755	62.25 3.69 0.00	57.43 3.61 0.00	57.32 3.50 0.00	56.91 3.43 0.00	56.81 3.42 0.00	58.79 3.63 -0.09	146.82 4.60 -74.62	131.00 4.99 -53.57	131.07 4.99 -53.70	71.01 4.38 -2.23	68.03 4.27 0.00	65.57 3.95 0.00	64.88 3.73 0.00	64.12 3.80 0.00	61.30 3.58 0.00	68.15 4.10 0.00	77.74 5.08 0.00	120.55 5.50 -41.71	117.58 5.50 -38.73	115.98 5.40 -37.63	96.71 5.32 -18.43	77.89 5.23 0.00	77.28 4.92 0.00	107.12 5.08 -29.38
KCE_NY_6_ESR 323823	52.76 -5.80 0.00	49.47 -4.36 0.00	49.41 -4.41 0.00	49.41 -4.07 0.00	49.33 -4.06 0.00	51.49 -3.58 0.00	61.78 -5.81 0.00	64.97 -7.46 0.00	64.78 -7.60 0.00	56.80 -7.60 0.01	56.71 -7.01 0.04	55.15 -6.47 0.01	55.40 -5.75 0.00	54.58 -5.73 0.00	52.29 -5.43 0.00	57.90 -6.15 0.00	65.46 -7.19 0.00	68.34 -7.04 -2.05	69.55 -7.41 -3.61	67.39 -7.29 -1.74	66.95 -6.86 -0.85	66.33 -6.32 0.00	66.50 -5.86 0.00	68.80 -3.85 0.00
KEDC_PORT_JEFF_GT2 24210	75.49 5.15 -11.78	70.88 5.06 -12.00	62.02 4.85 -3.35	64.53 4.76 -6.30	61.96 4.70 -3.87	70.12 4.85 -10.21	85.72 6.49 -11.63	125.87 7.60 -45.83	120.94 7.53 -41.03	94.84 6.70 -23.74	81.45 6.51 -11.18	68.62 6.16 -0.83	66.90 5.75 0.00	66.63 6.03 -0.28	71.25 5.72 -7.81	80.42 6.34 -10.03	114.54 8.14 -33.75	123.92 8.72 -41.86	119.51 8.65 -37.51	114.13 8.39 -32.79	112.12 8.10 -31.06	99.43 7.63 -19.15	98.64 7.02 -19.26	89.15 6.83 -9.66
KEDC_PORT_JEFF_GT3 24211	75.49 5.15 -11.78	70.88 5.06 -12.00	62.02 4.85 -3.35	64.53 4.76 -6.30	61.96 4.70 -3.87	70.12 4.85 -10.21	85.72 6.49 -11.63	125.87 7.60 -45.83	120.94 7.53 -41.03	94.84 6.70 -23.74	81.45 6.51 -11.18	68.62 6.16 -0.83	66.90 5.75 0.00	66.63 6.03 -0.28	71.25 5.72 -7.81	80.42 6.34 -10.03	114.54 8.14 -33.75	123.92 8.72 -41.86	119.51 8.65 -37.51	114.13 8.39 -32.79	112.12 8.10 -31.06	99.43 7.63 -19.15	98.64 7.02 -19.26	89.15 6.83 -9.66
KEDC_GLWD_GT4 24219	74.49 4.16 -11.78	69.91 4.09 -12.00	61.11 3.93 -3.35	63.63 3.85 -6.30	61.05 3.79 -3.87	69.13 3.85 -10.21	84.10 4.87 -11.63	124.06 5.80 -45.83	119.21 5.79 -41.03	93.48 5.34 -23.74	80.17 5.23 -11.18	67.44 4.99 -0.83	65.74 4.59 0.00	65.30 4.71 -0.28	70.04 4.51 -7.81	79.08 5.00 -10.03	112.72 6.32 -33.75	122.16 6.97 -41.85	117.74 6.89 -37.50	112.44 6.71 -32.78	110.40 6.49 -30.95	97.91 6.10 -19.15	97.12 5.50 -19.26	87.70 5.38 -9.66
KEDC_GLWD_GT5 24220	74.49 4.16 -11.78	69.91 4.09 -12.00	61.11 3.93 -3.35	63.63 3.85 -6.30	61.05 3.79 -3.87	69.13 3.85 -10.21	84.10 4.87 -11.63	124.06 5.80 -45.83	119.21 5.79 -41.03	93.48 5.34 -23.74	80.17 5.23 -11.18	67.44 4.99 -0.83	65.74 4.59 0.00	65.30 4.71 -0.28	70.04 4.51 -7.81	79.08 5.00 -10.03	112.72 6.32 -33.75	122.16 6.97 -41.85	117.74 6.89 -37.50	112.44 6.71 -32.78	110.40 6.49 -30.95	97.91 6.10 -19.15	97.12 5.50 -19.26	87.70 5.38 -9.66

KENSICO____ 23655	61.37 2.81 0.00	56.68 2.85 0.00	56.52 2.69 0.00	56.10 2.62 0.00	55.95 2.56 0.00	57.66 2.59 -0.01	78.15 3.52 -7.04	81.84 4.35 -5.06	81.72 4.27 -5.07	68.61 3.99 -0.21	67.65 3.89 0.00	65.38 3.76 0.00	64.64 3.49 0.00	63.81 3.50 0.00	61.07 3.35 0.00	67.70 3.65 0.00	77.38 4.72 0.00	89.03 5.28 -10.41	97.92 5.28 -19.29	86.69 4.96 -8.78	82.22 4.96 -4.30	77.16 4.50 0.00	76.27 3.91 0.00	79.28 3.85 -2.78
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	61.48 2.93 0.00	56.73 2.91 0.00	56.68 2.85 0.00	56.26 2.78 0.00	56.22 2.83 0.00	57.94 2.86 -0.01	79.99 3.99 -8.41	83.03 4.56 -6.04	82.85 4.42 -6.05	68.52 3.86 -0.25	67.39 3.63 0.00	65.14 3.51 0.00	64.39 3.24 0.00	63.57 3.26 0.00	61.01 3.29 0.00	67.70 3.65 0.00	77.52 4.87 0.00	89.71 5.57 -10.80	98.00 5.72 -18.93	87.52 5.40 -9.18	82.78 5.33 -4.49	77.52 4.87 0.00	76.63 4.27 0.00	80.47 4.43 -3.38
KIAC_JFK_GT1 23816	61.19 2.64 0.00	56.52 2.69 0.00	56.30 2.48 0.00	55.83 2.35 0.00	55.74 2.35 0.00	57.55 2.48 -0.01	78.23 3.58 -7.05	82.21 4.71 -5.07	82.09 4.63 -5.08	69.12 4.51 -0.21	68.09 4.34 0.00	65.82 4.19 0.00	65.06 3.91 0.00	64.24 3.92 0.00	61.47 3.75 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.78 6.01 -10.44	98.77 6.09 -19.33	87.37 5.62 -8.80	82.89 5.62 -4.31	77.67 5.01 0.00	76.41 4.05 0.00	79.22 3.78 -2.78
KIAC_JFK_GT2 23817	61.19 2.64 0.00	56.52 2.69 0.00	56.30 2.48 0.00	55.83 2.35 0.00	55.74 2.35 0.00	57.55 2.48 -0.01	78.23 3.58 -7.05	82.21 4.71 -5.07	82.09 4.63 -5.08	69.12 4.51 -0.21	68.09 4.34 0.00	65.82 4.19 0.00	65.06 3.91 0.00	64.24 3.92 0.00	61.47 3.75 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.78 6.01 -10.44	98.77 6.09 -19.33	87.37 5.62 -8.80	82.89 5.62 -4.31	77.67 5.01 0.00	76.41 4.05 0.00	79.22 3.78 -2.78
KIAC_JFK____ 323774	61.19 2.64 0.00	56.51 2.69 0.00	56.36 2.53 0.00	55.83 2.35 0.00	55.74 2.35 0.00	57.49 2.42 -0.01	78.23 3.58 -7.05	82.28 4.78 -5.07	82.16 4.70 -5.08	69.06 4.44 -0.21	68.10 4.34 0.00	65.75 4.13 0.00	65.00 3.85 0.00	64.23 3.92 0.00	61.42 3.70 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.79 6.01 -10.44	98.69 6.02 -19.33	87.45 5.69 -8.80	82.97 5.69 -4.31	77.67 5.01 0.00	76.48 4.12 0.00	79.29 3.85 -2.78
KINTIGH____ 23543	52.70 -5.86 0.00	49.41 -4.41 0.00	49.47 -4.36 0.00	49.36 -4.12 0.00	49.28 -4.11 0.00	51.16 -3.91 0.00	61.45 -6.15 0.00	64.68 -7.75 0.00	64.64 -7.74 0.00	56.99 -7.41 0.01	56.89 -6.82 0.04	55.02 -6.59 0.01	55.10 -6.05 0.00	54.34 -5.97 0.00	52.01 -5.71 0.00	57.71 -6.34 0.00	65.17 -7.48 0.00	69.03 -6.01 -1.71	70.03 -6.38 -3.07	66.45 -7.95 -1.45	66.01 -7.66 -0.71	65.54 -7.12 0.00	65.13 -7.24 0.00	67.64 -5.01 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	58.21 -0.35 0.00	52.86 -0.97 0.00	52.80 -1.02 0.00	52.68 -0.80 0.00	52.48 -0.91 0.00	54.29 -0.77 0.00	66.18 -1.42 0.00	70.84 -1.59 0.00	70.72 -1.66 0.00	62.86 -1.55 0.00	62.36 -1.40 0.00	60.52 -1.11 0.00	60.23 -0.92 0.00	59.23 -1.09 0.00	56.68 -1.04 0.00	62.96 -1.09 0.00	71.20 -1.45 0.00	71.36 -1.98 0.00	71.37 -1.98 0.00	71.78 -1.17 0.00	71.94 -1.02 0.00	71.86 -0.80 0.00	72.43 0.07 0.00	72.73 0.07 0.00
LACHUTE__HYDRO 323717	65.64 7.08 0.00	60.50 6.67 0.00	60.23 6.40 0.00	59.68 6.20 0.00	59.58 6.19 0.00	62.20 7.05 -0.09	152.08 8.85 -75.63	136.15 9.41 -54.30	136.21 9.41 -54.43	74.71 8.05 -2.26	71.60 7.84 0.00	68.77 7.15 0.00	68.00 6.85 0.00	67.25 6.93 0.00	64.13 6.41 0.00	71.61 7.55 0.00	82.10 9.44 0.00	125.58 10.05 -42.20	122.48 10.13 -39.01	121.02 10.00 -38.08	101.45 9.85 -18.65	82.40 9.74 0.00	81.70 9.34 0.00	112.13 9.66 -29.81
LAWRNCV_115KV_TB1 80681	59.49 0.94 0.00	54.04 0.22 0.00	54.04 0.22 0.00	53.80 0.32 0.00	53.66 0.27 0.00	55.45 0.39 0.00	68.00 0.41 0.00	72.29 -0.14 0.00	72.24 -0.14 0.00	64.60 0.19 0.00	64.01 0.26 0.00	62.00 0.37 0.00	61.64 0.49 0.00	60.68 0.36 0.00	58.07 0.35 0.00	64.37 0.32 0.00	71.71 -0.94 0.00	71.21 -2.13 0.00	71.22 -2.13 0.00	71.49 -1.46 0.00	72.01 -0.95 0.00	72.29 -0.36 0.00	72.94 0.58 0.00	72.66 0.00 0.00
LEDERLE____ 23769	61.07 2.52 0.00	56.35 2.53 0.00	56.25 2.42 0.00	55.83 2.35 0.00	55.74 2.35 0.00	57.44 2.37 -0.01	77.60 3.24 -6.76	81.27 3.98 -4.86	81.16 3.91 -4.87	68.28 3.67 -0.20	67.33 3.57 0.00	65.01 3.39 0.00	64.33 3.18 0.00	63.51 3.20 0.00	60.78 3.06 0.00	67.38 3.33 0.00	77.02 4.36 0.00	88.29 4.91 -10.04	96.87 4.91 -18.61	86.01 4.60 -8.47	81.70 4.60 -4.15	76.80 4.14 0.00	75.91 3.55 0.00	78.88 3.56 -2.67
LIGHTHSE_115KV_TB6 355974	57.33 -1.23 0.00	52.86 -0.97 0.00	52.86 -0.97 0.00	52.52 -0.96 0.00	52.48 -0.91 0.00	54.40 -0.66 0.00	66.65 -0.95 0.00	71.49 -0.94 0.00	71.44 -0.94 0.00	63.31 -1.09 0.00	62.55 -1.21 0.00	60.64 -0.99 0.00	60.29 -0.86 0.00	59.41 -0.90 0.00	56.86 -0.87 0.00	63.28 -0.77 0.00	71.42 -1.24 0.00	72.69 -0.73 -0.09	74.07 -0.59 -1.31	71.93 -1.02 0.00	72.01 -0.95 0.00	71.64 -1.02 0.00	71.35 -1.01 0.00	71.86 -0.80 0.00
LINDEN COGEN____ 23786	61.13 2.57 0.00	56.57 2.74 0.00	56.41 2.58 0.00	55.94 2.46 0.00	55.85 2.46 0.00	57.39 2.31 -0.01	77.96 3.31 -7.05	81.70 4.20 -5.07	81.51 4.05 -5.08	68.54 3.93 -0.21	67.52 3.76 0.00	65.20 3.57 0.00	64.45 3.30 0.00	63.69 3.38 0.00	60.90 3.17 0.00	67.63 3.58 0.01	58.36 4.65 18.95	67.61 5.21 10.93	73.54 5.21 5.01	65.24 4.89 12.60	61.12 4.81 16.66	61.56 4.36 15.46	58.36 3.69 17.69	63.41 3.56 12.81
LINDHRST_69_KV_BK1 356055	75.08 4.74 -11.78	70.45 4.63 -12.00	61.59 4.41 -3.35	64.11 4.33 -6.30	61.59 4.32 -3.87	69.73 4.46 -10.21	85.18 5.95 -11.63	125.22 6.95 -45.83	120.29 6.88 -41.03	94.32 6.18 -23.74	81.00 6.06 -11.18	68.25 5.79 -0.83	66.71 5.56 0.00	66.15 5.55 -0.28	70.90 5.37 -7.81	79.97 5.89 -10.03	113.81 7.41 -33.75	123.26 8.07 -41.85	118.92 8.07 -37.51	113.39 7.66 -32.78	111.65 7.73 -30.96	98.93 7.12 -19.15	98.06 6.44 -19.26	88.71 6.39 -9.66
LIPA_MISC_IPP 23656	75.20 4.86 -11.78	70.67 4.84 -12.00	61.75 4.58 -3.35	64.27 4.49 -6.30	61.69 4.43 -3.87	69.95 4.68 -10.21	85.31 6.08 -11.63	125.51 7.24 -45.83	120.51 7.09 -41.03	94.45 6.31 -23.74	81.06 6.12 -11.18	68.31 5.85 -0.83	66.84 5.69 0.00	66.27 5.67 -0.28	70.96 5.43 -7.81	80.04 5.96 -10.03	114.03 7.63 -33.75	123.41 8.21 -41.86	118.86 7.99 -37.52	113.33 7.59 -32.79	111.55 7.52 -31.07	98.85 7.05 -19.15	97.99 6.37 -19.26	88.64 6.32 -9.66
LISF__SOLAR 323691	75.31 4.97 -11.78	70.77 4.95 -12.00	61.86 4.68 -3.35	64.38 4.60 -6.30	61.80 4.54 -3.87	70.01 4.74 -10.21	85.52 6.29 -11.63	125.65 7.39 -45.83	120.72 7.31 -41.03	94.58 6.44 -23.74	81.19 6.25 -11.18	68.37 5.92 -0.83	66.59 5.44 0.00	66.39 5.79 -0.28	71.02 5.49 -7.81	80.17 6.09 -10.03	114.25 7.85 -33.75	123.63 8.43 -41.86	119.07 8.21 -37.51	113.55 7.81 -32.79	111.76 7.73 -31.07	99.00 7.19 -19.15	98.20 6.58 -19.26	88.78 6.46 -9.66

LITTLE FALLS___HYD 24013	57.74 -0.82 0.00	53.12 -0.70 0.00	53.02 -0.81 0.00	52.52 -0.96 0.00	52.38 -1.01 0.00	54.07 -0.99 0.00	66.45 -1.15 0.00	71.06 -1.38 0.00	71.01 -1.38 0.00	63.05 -1.35 0.00	62.10 -1.66 0.00	60.15 -1.48 0.00	59.74 -1.41 0.00	58.87 -1.45 0.00	56.22 -1.50 0.00	62.32 -1.73 0.00	71.20 -1.45 0.00	72.24 -1.10 0.00	72.47 -0.88 0.00	72.15 -0.80 0.00	72.16 -0.80 0.00	72.29 -0.36 0.00	72.00 -0.36 0.00	72.51 -0.15 0.00
LITTLRIV_115KV_TB1 356100	60.20 1.64 0.00	54.63 0.81 0.00	54.64 0.81 0.00	54.39 0.91 0.00	54.25 0.85 0.00	56.17 1.10 0.00	68.95 1.35 0.00	73.30 0.87 0.00	73.25 0.87 0.00	65.37 0.97 0.00	64.65 0.89 0.00	62.61 0.99 0.00	62.25 1.10 0.00	61.28 0.97 0.00	58.70 0.98 0.00	65.14 1.09 0.00	72.66 0.00 0.00	72.18 -1.17 -0.02	72.42 -1.17 -0.24	72.44 -0.51 0.00	72.96 0.00 0.00	73.24 0.58 0.00	73.95 1.59 0.00	73.60 0.94 0.00
LI_NEWBRDGE___DRP 323616	73.85 3.51 -11.78	69.32 3.50 -12.00	60.57 3.39 -3.35	63.04 3.26 -6.30	60.52 3.26 -3.87	68.58 3.30 -10.21	83.62 4.39 -11.63	123.55 5.29 -45.83	118.63 5.21 -41.03	92.91 4.77 -23.74	79.60 4.65 -11.18	66.95 4.50 -0.83	65.43 4.28 0.00	64.88 4.28 -0.28	69.63 4.10 -7.81	78.56 4.48 -10.03	112.07 5.67 -33.75	121.44 6.23 -41.87	117.10 6.23 -37.52	111.59 5.84 -32.80	110.03 5.91 -31.15	97.25 5.45 -19.15	96.39 4.78 -19.26	87.12 4.80 -9.66
LOCKPORT_115KV_TB60_63_64 80432	51.88 -6.68 0.00	48.71 -5.11 0.00	48.77 -5.06 0.00	48.72 -4.76 0.00	48.64 -4.75 0.00	50.55 -4.52 0.00	60.43 -7.17 0.00	63.38 -9.05 0.00	63.33 -9.05 0.00	55.64 -8.76 0.01	55.62 -8.10 0.04	53.85 -7.76 0.01	54.06 -7.09 0.00	53.32 -7.00 0.00	51.03 -6.70 0.00	56.62 -7.43 0.00	64.01 -8.65 0.00	67.34 -7.85 -1.85	68.43 -8.21 -3.29	65.25 -9.26 -1.57	64.90 -8.83 -0.77	64.59 -8.06 0.00	64.26 -8.10 0.00	67.21 -5.45 0.00
LOCKPORT___CC1 323769	51.71 -6.85 0.00	48.55 -5.27 0.00	48.50 -5.33 0.00	48.51 -4.97 0.00	48.43 -4.96 0.00	50.55 -4.51 0.00	60.50 -7.10 0.00	63.45 -8.98 0.00	63.33 -9.05 0.00	55.51 -8.89 0.01	55.37 -8.35 0.04	53.85 -7.77 0.01	54.12 -7.03 0.00	53.32 -7.00 0.00	51.09 -6.64 0.00	56.49 -7.56 0.00	63.86 -8.79 0.00	67.21 -7.99 -1.86	68.14 -8.51 -3.30	65.34 -9.19 -1.58	64.98 -8.76 -0.77	64.45 -8.21 0.00	64.62 -7.74 0.00	67.06 -5.59 0.00
LOCKPORT___CC2 323770	51.71 -6.85 0.00	48.55 -5.27 0.00	48.50 -5.33 0.00	48.51 -4.97 0.00	48.43 -4.96 0.00	50.55 -4.51 0.00	60.50 -7.10 0.00	63.45 -8.98 0.00	63.33 -9.05 0.00	55.51 -8.89 0.01	55.37 -8.35 0.04	53.85 -7.77 0.01	54.12 -7.03 0.00	53.32 -7.00 0.00	51.09 -6.64 0.00	56.49 -7.56 0.00	63.86 -8.79 0.00	67.21 -7.99 -1.86	68.14 -8.51 -3.30	65.34 -9.19 -1.58	64.98 -8.76 -0.77	64.45 -8.21 0.00	64.62 -7.74 0.00	67.06 -5.59 0.00
LOCKPORT___CC3 323771	51.71 -6.85 0.00	48.55 -5.27 0.00	48.50 -5.33 0.00	48.51 -4.97 0.00	48.43 -4.96 0.00	50.55 -4.51 0.00	60.50 -7.10 0.00	63.45 -8.98 0.00	63.33 -9.05 0.00	55.51 -8.89 0.01	55.37 -8.35 0.04	53.85 -7.77 0.01	54.12 -7.03 0.00	53.32 -7.00 0.00	51.09 -6.64 0.00	56.49 -7.56 0.00	63.86 -8.79 0.00	67.21 -7.99 -1.86	68.14 -8.51 -3.30	65.34 -9.19 -1.58	64.98 -8.76 -0.77	64.45 -8.21 0.00	64.62 -7.74 0.00	67.06 -5.59 0.00
LONG_LAKE_PHOENIX 24014	56.27 -2.28 0.00	51.94 -1.88 0.00	51.94 -1.88 0.00	51.66 -1.82 0.00	51.58 -1.82 0.00	53.36 -1.71 0.00	65.43 -2.16 0.00	70.12 -2.32 0.00	70.07 -2.32 0.00	62.22 -2.19 0.00	61.60 -2.17 -0.01	59.53 -2.10 0.00	59.19 -1.96 0.00	58.33 -1.99 0.00	55.88 -1.85 0.00	62.07 -1.99 0.00	70.33 -2.33 0.00	71.60 -1.83 -0.10	72.98 -1.83 -1.47	70.69 -2.26 0.00	70.70 -2.26 0.00	70.33 -2.33 0.00	69.90 -2.46 0.00	70.55 -2.11 0.00
LOVETT___3 23632	60.84 2.28 0.00	56.14 2.31 0.00	56.03 2.21 0.00	55.62 2.14 0.00	55.53 2.14 0.00	57.17 2.09 -0.01	77.29 2.91 -6.79	80.93 3.62 -4.87	80.82 3.55 -4.89	67.96 3.35 -0.20	67.01 3.25 0.00	64.77 3.14 0.00	64.02 2.87 0.00	63.21 2.90 0.00	60.55 2.83 0.00	67.13 3.07 0.00	76.65 4.00 0.00	87.96 4.55 -10.08	96.57 4.55 -18.68	85.68 4.23 -8.50	81.35 4.23 -4.16	76.43 3.78 0.00	75.55 3.18 0.00	78.53 3.20 -2.68
LOVETT___4 23642	60.84 2.28 0.00	56.14 2.31 0.00	56.03 2.21 0.00	55.62 2.14 0.00	55.53 2.14 0.00	57.17 2.09 -0.01	77.29 2.91 -6.79	80.93 3.62 -4.87	80.82 3.55 -4.89	67.96 3.35 -0.20	67.01 3.25 0.00	64.77 3.14 0.00	64.02 2.87 0.00	63.21 2.90 0.00	60.55 2.83 0.00	67.13 3.07 0.00	76.65 4.00 0.00	87.96 4.55 -10.08	96.57 4.55 -18.68	85.68 4.23 -8.50	81.35 4.23 -4.16	76.43 3.78 0.00	75.55 3.18 0.00	78.53 3.20 -2.68
LOVETT___5 23593	60.84 2.28 0.00	56.14 2.31 0.00	56.03 2.21 0.00	55.62 2.14 0.00	55.53 2.14 0.00	57.17 2.09 -0.01	77.29 2.91 -6.79	80.93 3.62 -4.87	80.82 3.55 -4.89	67.96 3.35 -0.20	67.01 3.25 0.00	64.77 3.14 0.00	64.02 2.87 0.00	63.21 2.90 0.00	60.55 2.83 0.00	67.13 3.07 0.00	76.65 4.00 0.00	87.96 4.55 -10.08	96.57 4.55 -18.68	85.68 4.23 -8.50	81.35 4.23 -4.16	76.43 3.78 0.00	75.55 3.18 0.00	78.53 3.20 -2.68
LOWER RAQUET___HYD 24057	59.49 0.93 0.00	54.04 0.22 0.00	53.99 0.16 0.00	53.80 0.32 0.00	53.61 0.21 0.00	55.45 0.39 0.00	67.94 0.34 0.00	72.29 -0.14 0.00	72.17 -0.22 0.00	64.60 0.19 0.00	64.01 0.26 0.00	62.00 0.37 0.00	61.64 0.49 0.00	60.68 0.36 0.00	58.07 0.35 0.00	64.37 0.32 0.00	71.57 -1.09 0.00	71.00 -2.35 -0.02	71.32 -2.27 -0.25	71.13 -1.82 0.00	71.79 -1.17 0.00	72.22 -0.43 0.00	72.80 0.44 0.00	72.66 0.00 0.00
LOWER___HUDSON 24059	61.54 2.98 0.00	56.78 2.96 0.00	56.73 2.90 0.00	56.31 2.83 0.00	56.22 2.83 0.00	58.05 2.92 -0.07	133.91 3.72 -62.60	121.50 4.13 -44.94	121.55 4.12 -45.04	69.94 3.67 -1.87	67.39 3.63 0.00	65.01 3.39 0.00	64.39 3.24 0.00	63.57 3.25 0.00	60.78 3.06 0.00	67.44 3.39 0.00	76.87 4.21 0.00	113.77 4.47 -35.96	113.34 4.47 -35.52	109.64 4.38 -32.31	93.16 4.38 -15.82	76.80 4.14 0.00	76.27 3.90 0.00	101.02 4.07 -24.30
LOWVILLE_115KV_TB2 356335	59.67 1.11 0.00	54.74 0.92 0.00	54.74 0.92 0.00	54.39 0.91 0.00	54.41 1.01 0.00	56.44 1.38 0.00	69.56 1.96 0.00	74.82 2.39 0.00	74.77 2.39 0.00	66.27 1.87 0.00	65.35 1.59 0.01	63.23 1.60 0.00	62.80 1.65 0.00	61.76 1.45 0.00	59.17 1.44 0.00	65.84 1.79 0.00	74.40 1.74 0.00	75.36 1.98 -0.04	76.19 2.20 -0.65	74.92 1.97 0.00	75.08 2.12 0.00	74.69 2.03 0.00	74.46 2.10 0.00	74.62 1.96 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	62.25 3.69 0.00	57.38 3.55 0.00	57.27 3.44 0.00	56.85 3.37 0.00	56.76 3.36 0.00	58.79 3.63 -0.09	146.75 4.53 -74.62	130.93 4.93 -53.57	131.00 4.92 -53.70	70.95 4.32 -2.23	67.97 4.21 0.00	65.51 3.88 0.00	64.88 3.73 0.00	64.12 3.80 0.00	61.24 3.52 0.00	68.09 4.04 0.00	77.67 5.01 0.00	120.48 5.43 -41.71	117.58 5.50 -38.73	115.91 5.33 -37.63	96.64 5.25 -18.43	77.82 5.16 0.00	77.21 4.85 0.00	107.05 5.01 -29.38

LUTHERNY_35_KV_BK2 355980	62.30 3.75 0.00	57.43 3.61 0.00	57.33 3.50 0.00	56.90 3.42 0.00	56.81 3.42 0.00	58.79 3.63 -0.09	146.81 4.60 -74.62	131.00 5.00 -53.57	131.07 4.99 -53.70	71.01 4.38 -2.23	68.03 4.27 0.00	65.57 3.94 0.00	64.88 3.73 0.00	64.12 3.80 0.00	61.30 3.58 0.00	68.15 4.10 0.00	77.74 5.09 0.00	120.55 5.50 -41.71	117.58 5.50 -38.73	115.98 5.40 -37.63	96.71 5.33 -18.43	77.89 5.23 0.00	77.21 4.85 0.00	107.13 5.09 -29.38
LWR___OSWEGATCHIE_HYD 23850	59.26 0.70 0.00	54.09 0.27 0.00	54.10 0.27 0.00	53.80 0.32 0.00	53.71 0.32 0.00	55.67 0.61 0.00	68.48 0.88 0.00	73.16 0.72 0.00	73.18 0.80 0.00	65.11 0.71 0.00	64.33 0.57 0.00	62.24 0.62 0.00	61.88 0.73 0.00	60.92 0.60 0.00	58.30 0.58 0.00	64.76 0.70 0.00	72.66 0.00 0.00	72.85 -0.51 -0.03	73.46 -0.37 -0.48	72.73 -0.22 0.00	73.18 0.22 0.00	73.17 0.51 0.00	73.45 1.09 0.00	73.31 0.65 0.00
LYONS_FALL_HYD 23570	59.79 1.23 0.00	54.96 1.13 0.00	54.96 1.13 0.00	54.55 1.07 0.00	54.57 1.17 0.00	56.61 1.54 0.00	69.69 2.10 0.00	74.97 2.53 0.00	74.98 2.60 0.00	66.46 2.06 0.00	65.54 1.78 0.01	63.41 1.79 0.00	63.05 1.90 0.00	62.00 1.69 0.00	59.34 1.61 0.00	66.04 1.99 0.00	74.69 2.03 0.00	75.72 2.35 -0.04	76.41 2.50 -0.57	75.29 2.33 0.00	75.37 2.40 0.00	74.91 2.25 0.00	74.61 2.25 0.00	74.76 2.11 0.00
MADISON___COUNTY_LFGE 323628	59.73 1.17 0.00	55.06 1.24 0.00	55.12 1.29 0.00	54.71 1.23 0.00	54.73 1.33 0.00	56.66 1.60 0.00	69.76 2.16 0.00	75.77 3.33 0.00	75.64 3.26 0.00	66.98 2.58 0.00	66.10 2.36 0.02	63.90 2.28 0.00	63.60 2.45 0.00	62.55 2.23 0.00	59.86 2.14 0.00	66.61 2.56 0.00	74.84 2.18 0.00	75.98 2.57 -0.08	77.22 2.71 -1.16	75.36 2.41 0.00	75.37 2.41 0.00	74.84 2.18 0.00	74.39 2.03 0.00	74.84 2.18 0.00
MALONE___115KV_TB1 356076	58.79 0.23 0.00	53.34 -0.48 0.00	53.34 -0.48 0.00	53.16 -0.32 0.00	52.96 -0.43 0.00	54.79 -0.28 0.00	67.12 -0.47 0.00	71.78 -0.65 0.00	71.66 -0.72 0.00	63.76 -0.64 0.00	63.25 -0.51 0.00	61.38 -0.25 0.00	61.03 -0.12 0.00	60.01 -0.30 0.00	57.43 -0.29 0.00	63.79 -0.26 0.00	71.86 -0.80 0.00	71.80 -1.54 0.00	71.81 -1.54 0.00	72.15 -0.80 0.00	72.38 -0.58 0.00	72.44 -0.22 0.00	73.01 0.65 0.00	72.87 0.22 0.00
MAPLEWOD_115KV_TB3 80458	61.13 2.58 0.00	56.41 2.58 0.00	56.36 2.53 0.00	55.94 2.46 0.00	55.85 2.46 0.00	57.66 2.53 -0.06	120.47 3.04 -49.83	111.61 3.40 -35.78	111.64 3.40 -35.86	69.05 3.16 -1.49	66.88 3.12 0.00	64.58 2.96 0.00	63.96 2.81 0.00	63.15 2.83 0.00	60.44 2.71 0.00	66.87 2.82 0.00	76.14 3.49 0.00	107.49 3.59 -30.56	109.64 3.59 -32.70	103.75 3.50 -27.29	89.90 3.58 -13.36	76.14 3.49 0.00	75.55 3.18 0.00	95.63 3.49 -19.49
MAPLE_RIDGE_WT_1 323574	57.32 -1.23 0.00	52.48 -1.34 0.00	52.54 -1.29 0.00	52.20 -1.28 0.00	52.11 -1.28 0.00	53.74 -1.32 0.00	65.97 -1.62 0.00	70.63 -1.81 0.00	70.64 -1.74 0.00	62.93 -1.48 0.00	62.29 -1.46 0.00	60.21 -1.41 0.00	59.75 -1.40 0.00	58.93 -1.38 0.00	56.40 -1.33 0.00	62.58 -1.47 0.00	70.84 -1.81 0.00	71.28 -2.05 0.00	71.37 -1.98 0.00	71.28 -1.67 0.00	71.36 -1.61 0.00	71.27 -1.38 0.00	71.20 -1.16 0.00	71.49 -1.17 0.00
MAPLE_RIDGE_WT_2 323611	57.32 -1.23 0.00	52.48 -1.34 0.00	52.54 -1.29 0.00	52.20 -1.28 0.00	52.11 -1.28 0.00	53.74 -1.32 0.00	65.97 -1.62 0.00	70.63 -1.81 0.00	70.64 -1.74 0.00	62.93 -1.48 0.00	62.29 -1.46 0.00	60.21 -1.41 0.00	59.75 -1.40 0.00	58.93 -1.38 0.00	56.40 -1.33 0.00	62.58 -1.47 0.00	70.84 -1.81 0.00	71.28 -2.05 0.00	71.37 -1.98 0.00	71.28 -1.67 0.00	71.36 -1.61 0.00	71.27 -1.38 0.00	71.20 -1.16 0.00	71.49 -1.17 0.00
MARBLE_RIVER_WT_PWR 323696	57.50 -1.05 0.00	52.21 -1.61 0.00	52.21 -1.61 0.00	51.98 -1.50 0.00	51.79 -1.60 0.00	53.52 -1.54 0.00	65.43 -2.17 0.00	69.97 -2.46 0.00	69.85 -2.54 0.00	62.28 -2.12 0.00	61.72 -2.04 0.00	59.90 -1.73 0.00	59.56 -1.59 0.00	58.56 -1.75 0.00	56.05 -1.68 0.00	62.26 -1.79 0.00	70.11 -2.55 0.00	70.18 -3.15 0.00	70.27 -3.08 0.00	70.55 -2.41 0.00	70.70 -2.26 0.00	70.77 -1.89 0.00	71.06 -1.30 0.00	71.35 -1.31 0.00
MARSHVLE_115KV_TB1 80742	63.01 4.45 0.00	58.08 4.25 0.00	57.92 4.09 0.00	57.49 4.01 0.00	57.45 4.06 0.00	59.72 4.57 -0.08	143.00 5.95 -69.45	128.38 6.08 -49.86	128.37 6.01 -49.98	71.43 4.96 -2.07	68.48 4.72 0.00	65.88 4.25 0.00	65.19 4.04 0.00	64.42 4.10 0.00	61.47 3.75 0.00	68.60 4.55 0.00	78.76 6.10 0.00	119.28 6.82 -39.12	119.99 7.04 -39.60	114.89 6.86 -35.08	96.85 6.71 -17.18	79.34 6.68 0.00	78.58 6.22 0.00	106.53 6.32 -27.55
MARSH_HILL_WT_PWR 323713	53.58 -4.98 0.00	49.95 -3.88 0.00	50.01 -3.82 0.00	49.52 -3.96 0.00	49.33 -4.06 0.00	51.38 -3.69 0.00	64.42 -5.20 -2.02	67.88 -6.01 -1.46	67.67 -6.15 -1.44	58.08 -6.38 -0.05	57.48 -6.25 0.03	55.76 -5.86 0.01	56.38 -4.77 0.00	55.55 -4.77 0.00	53.45 -4.27 0.00	59.57 -4.49 0.00	68.08 -4.58 0.00	72.02 -3.89 -2.57	74.01 -3.82 -4.48	71.79 -3.35 -2.19	71.34 -2.70 -1.07	70.04 -2.61 0.00	69.83 -2.53 0.00	72.08 -1.38 -0.80
MCINTYRE_115KV_TB2 80467	60.61 2.05 0.00	55.01 1.18 0.00	54.96 1.13 0.00	54.76 1.28 0.00	54.57 1.17 0.00	56.50 1.43 0.00	69.35 1.76 0.00	73.74 1.30 0.00	73.68 1.30 0.00	65.69 1.29 0.00	64.97 1.21 0.00	62.92 1.29 0.00	62.56 1.41 0.00	61.52 1.21 0.00	58.94 1.21 0.00	65.52 1.47 0.00	73.24 0.58 0.00	72.90 -0.44 0.00	72.98 -0.37 0.00	73.24 0.29 0.00	73.55 0.58 0.00	73.75 1.09 0.00	74.39 2.03 0.00	73.96 1.31 0.00
MECO_____69_KV_BK1 80468	63.77 5.21 0.00	58.72 4.90 0.00	58.62 4.79 0.00	58.13 4.65 0.00	58.04 4.65 0.00	60.44 5.29 -0.09	148.89 6.76 -74.54	132.97 7.03 -53.51	132.97 6.95 -53.64	72.42 5.80 -2.22	69.31 5.55 0.00	66.68 5.05 0.00	65.98 4.83 0.00	65.20 4.89 0.00	62.28 4.56 0.00	69.43 5.38 0.00	79.70 7.05 0.00	122.64 7.70 -41.60	121.37 7.92 -40.10	118.19 7.81 -37.44	98.95 7.66 -18.33	80.21 7.56 0.00	79.45 7.09 0.00	109.42 7.19 -29.57
MENANDS___115KV_TB5 355628	60.90 2.34 0.00	56.19 2.37 0.00	56.14 2.31 0.00	55.73 2.25 0.00	55.63 2.24 0.00	57.38 2.26 -0.05	117.06 2.64 -46.83	109.03 2.97 -33.62	109.05 2.97 -33.70	68.64 2.83 -1.40	66.63 2.87 0.00	64.34 2.71 0.00	63.72 2.57 0.00	62.91 2.59 0.00	60.20 2.48 0.00	66.55 2.50 0.00	75.85 3.20 0.00	106.15 3.23 -29.58	108.67 3.15 -32.17	102.40 3.06 -26.39	89.09 3.21 -12.92	75.78 3.12 0.00	75.18 2.82 0.00	94.48 3.20 -18.62
MG INDUSTRY___DRP 24185	62.54 3.98 0.00	57.70 3.88 0.00	57.60 3.77 0.00	57.17 3.69 0.00	57.02 3.63 0.00	58.90 3.80 -0.03	99.41 3.92 -27.90	96.37 3.91 -20.03	96.08 3.62 -20.08	68.39 3.16 -0.83	67.07 3.32 0.00	64.65 3.02 0.00	64.02 2.87 0.00	63.33 3.02 0.00	60.67 2.94 0.00	67.25 3.20 0.00	75.42 2.76 0.00	96.92 2.79 -20.79	103.35 2.79 -27.22	93.91 2.70 -18.25	84.75 2.85 -8.94	75.49 2.83 0.00	74.97 2.61 0.00	86.41 2.91 -10.85

MID___OSWEGATCHIE_HYD 23849	59.26 0.70 0.00	54.09 0.27 0.00	54.10 0.27 0.00	53.80 0.32 0.00	53.71 0.32 0.00	55.67 0.61 0.00	68.48 0.88 0.00	73.16 0.72 0.00	73.18 0.80 0.00	65.11 0.71 0.00	64.33 0.57 0.00	62.24 0.62 0.00	61.88 0.73 0.00	60.92 0.60 0.00	58.30 0.58 0.00	64.76 0.70 0.00	72.66 0.00 0.00	72.85 -0.51 -0.03	73.46 -0.37 -0.48	72.73 -0.22 0.00	73.18 0.22 0.00	73.17 0.51 0.00	73.45 1.09 0.00	73.31 0.65 0.00
MID___RAQUETTE_HYD 23851	59.49 0.94 0.00	54.04 0.22 0.00	53.99 0.16 0.00	53.80 0.32 0.00	53.61 0.21 0.00	55.45 0.39 0.00	68.00 0.41 0.00	72.36 -0.07 0.00	72.31 -0.07 0.00	64.60 0.19 0.00	64.01 0.26 0.00	62.00 0.37 0.00	61.64 0.49 0.00	60.68 0.36 0.00	58.07 0.35 0.00	64.37 0.32 0.00	71.64 -1.02 0.00	71.08 -2.27 -0.02	71.33 -2.27 -0.26	71.27 -1.68 0.00	71.94 -1.02 0.00	72.29 -0.36 0.00	73.01 0.65 0.00	72.73 0.07 0.00
MILLIKEN___1 23584	58.26 -0.29 0.00	53.88 0.05 0.00	53.88 0.05 0.00	53.59 0.11 0.00	53.50 0.11 0.00	55.40 0.33 0.00	70.19 0.47 -2.12	74.55 0.58 -1.54	74.49 0.58 -1.53	64.59 0.13 -0.06	63.74 0.00 0.02	61.56 -0.06 0.00	61.27 0.12 0.00	60.38 0.06 0.00	57.84 0.12 0.00	64.44 0.38 0.00	73.24 0.58 0.00	77.17 1.25 -2.59	79.05 1.32 -4.38	76.18 1.02 -2.21	75.06 1.02 -1.08	73.46 0.80 0.00	72.87 0.51 0.00	74.45 0.94 -0.84
MILLIKEN___2 23585	58.26 -0.29 0.00	53.88 0.05 0.00	53.88 0.05 0.00	53.59 0.11 0.00	53.50 0.11 0.00	55.40 0.33 0.00	70.19 0.47 -2.12	74.55 0.58 -1.54	74.49 0.58 -1.53	64.59 0.13 -0.06	63.74 0.00 0.02	61.56 -0.06 0.00	61.27 0.12 0.00	60.38 0.06 0.00	57.84 0.12 0.00	64.44 0.38 0.00	73.24 0.58 0.00	77.17 1.25 -2.59	79.05 1.32 -4.38	76.18 1.02 -2.21	75.06 1.02 -1.08	73.46 0.80 0.00	72.87 0.51 0.00	74.45 0.94 -0.84
MILLIKEN___DIESEL 23629	58.26 -0.29 0.00	53.88 0.05 0.00	53.88 0.05 0.00	53.59 0.11 0.00	53.50 0.11 0.00	55.40 0.33 0.00	70.19 0.47 -2.12	74.55 0.58 -1.54	74.49 0.58 -1.53	64.59 0.13 -0.06	63.74 0.00 0.02	61.56 -0.06 0.00	61.27 0.12 0.00	60.38 0.06 0.00	57.84 0.12 0.00	64.44 0.38 0.00	73.24 0.58 0.00	77.17 1.25 -2.59	79.05 1.32 -4.38	76.18 1.02 -2.21	75.06 1.02 -1.08	73.46 0.80 0.00	72.87 0.51 0.00	74.45 0.94 -0.84
MILLSEAT___LFGE 323607	53.23 -5.33 0.00	49.90 -3.93 0.00	49.85 -3.98 0.00	49.84 -3.64 0.00	49.82 -3.58 0.00	51.98 -3.08 0.00	62.53 -5.07 0.00	65.84 -6.59 0.00	65.72 -6.66 0.00	57.57 -6.83 0.01	57.34 -6.38 0.04	55.70 -5.92 0.01	55.89 -5.26 0.00	55.01 -5.31 0.00	52.70 -5.02 0.00	58.41 -5.64 0.00	66.19 -6.47 0.00	69.70 -5.43 -1.79	70.66 -5.87 -3.19	67.69 -6.78 -1.52	67.36 -6.35 -0.74	66.77 -5.88 0.00	66.72 -5.64 0.00	68.95 -3.70 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	61.19 2.64 0.00	56.52 2.69 0.00	56.41 2.58 0.00	55.99 2.51 0.00	55.90 2.51 0.00	57.55 2.48 -0.01	77.99 3.38 -7.01	81.60 4.13 -5.04	81.48 4.05 -5.05	68.41 3.80 -0.21	67.46 3.70 0.00	65.20 3.57 0.00	64.45 3.30 0.00	63.69 3.38 0.00	60.96 3.23 0.00	67.57 3.52 0.00	77.16 4.50 0.00	88.77 5.06 -10.38	97.63 5.06 -19.22	86.44 4.74 -8.75	81.99 4.74 -4.28	77.02 4.36 0.00	76.05 3.69 0.00	79.13 3.71 -2.77
MILLWOOD_13_KV_LOAD 356217	61.31 2.75 0.00	56.62 2.80 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.66 2.59 -0.01	78.13 3.52 -7.01	81.74 4.27 -5.04	81.63 4.20 -5.05	68.48 3.86 -0.21	67.58 3.83 0.00	65.26 3.64 0.00	64.57 3.42 0.00	63.75 3.44 0.00	61.01 3.29 0.00	67.64 3.59 0.00	77.38 4.72 0.00	88.92 5.21 -10.38	97.85 5.28 -19.22	86.66 4.96 -8.75	82.13 4.89 -4.28	77.16 4.50 0.00	76.27 3.91 0.00	79.27 3.85 -2.77
MODEL_CITY_ENERGY 24167	51.35 -7.20 0.00	48.23 -5.60 0.00	48.18 -5.65 0.00	48.24 -5.24 0.00	48.16 -5.23 0.00	50.22 -4.85 0.00	60.09 -7.51 0.00	62.87 -9.56 0.00	62.83 -9.56 0.00	55.06 -9.34 0.01	54.99 -8.73 0.04	53.48 -8.14 0.01	53.75 -7.40 0.00	52.89 -7.42 0.00	50.68 -7.04 0.00	56.04 -8.01 0.00	63.28 -9.37 0.00	66.71 -8.51 -1.88	67.59 -9.10 -3.34	64.70 -9.85 -1.60	64.40 -9.34 -0.78	63.86 -8.79 0.00	64.04 -8.32 0.00	66.55 -6.10 0.00
MODERN_LFGE___ 323580	51.35 -7.20 0.00	48.23 -5.60 0.00	48.18 -5.65 0.00	48.24 -5.24 0.00	48.16 -5.23 0.00	50.22 -4.85 0.00	60.09 -7.51 0.00	62.87 -9.56 0.00	62.83 -9.56 0.00	55.06 -9.34 0.01	54.99 -8.73 0.04	53.48 -8.14 0.01	53.75 -7.40 0.00	52.89 -7.42 0.00	50.68 -7.04 0.00	56.04 -8.01 0.00	63.28 -9.37 0.00	66.71 -8.51 -1.88	67.59 -9.10 -3.34	64.70 -9.85 -1.60	64.40 -9.34 -0.78	63.86 -8.79 0.00	64.04 -8.32 0.00	66.55 -6.10 0.00
MOHAWK_PAPER___DRP 24187	61.13 2.58 0.00	56.41 2.58 0.00	56.36 2.53 0.00	55.94 2.46 0.00	55.85 2.46 0.00	57.66 2.53 -0.06	120.47 3.04 -49.83	111.61 3.40 -35.78	111.64 3.40 -35.86	69.05 3.16 -1.49	66.88 3.12 0.00	64.58 2.96 0.00	63.96 2.81 0.00	63.15 2.83 0.00	60.44 2.71 0.00	66.87 2.82 0.00	76.14 3.49 0.00	107.49 3.59 -30.56	109.64 3.59 -32.70	103.75 3.50 -27.29	89.90 3.58 -13.36	76.14 3.49 0.00	75.55 3.18 0.00	95.63 3.49 -19.49
MOHICAN___35_KV_115KV_LD 80490	63.24 4.68 0.00	58.29 4.47 0.00	58.13 4.31 0.00	57.70 4.22 0.00	57.61 4.22 0.00	59.78 4.63 -0.09	148.62 5.81 -75.21	132.73 6.30 -54.00	132.80 6.30 -54.12	72.19 5.54 -2.24	69.11 5.36 0.00	66.49 4.87 0.00	65.80 4.65 0.00	65.02 4.70 0.00	62.05 4.33 0.00	69.11 5.06 0.00	78.98 6.32 0.00	122.08 6.75 -42.00	119.06 6.82 -38.89	117.55 6.71 -37.89	98.08 6.57 -18.55	79.20 6.54 0.00	78.51 6.15 0.00	108.76 6.47 -29.64
MONGAUP___HYD 23641	61.31 2.75 0.00	56.51 2.69 0.00	56.52 2.69 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.66 2.59 -0.01	77.64 3.65 -6.40	81.08 4.05 -4.59	80.89 3.91 -4.60	67.94 3.35 -0.19	66.88 3.12 0.00	64.58 2.96 0.00	63.84 2.69 0.00	63.03 2.72 0.00	60.49 2.77 0.00	67.32 3.26 0.00	77.02 4.36 0.00	87.86 4.99 -9.53	95.93 4.91 -17.67	85.88 4.89 -8.04	81.71 4.81 -3.94	77.02 4.36 0.00	76.27 3.90 0.00	79.32 4.14 -2.53
MONTAUK___DIESEL 23721	75.14 4.80 -11.78	70.56 4.74 -12.00	61.59 4.41 -3.35	64.16 4.39 -6.30	61.53 4.27 -3.87	69.84 4.57 -10.21	85.31 6.08 -11.63	125.58 7.32 -45.83	120.65 7.24 -41.03	94.64 6.50 -23.74	80.49 5.55 -11.18	67.63 5.18 -0.83	66.16 5.01 0.00	65.60 5.01 -0.28	70.33 4.79 -7.81	79.40 5.32 -10.03	113.67 7.27 -33.75	123.27 8.07 -41.86	118.64 7.77 -37.52	113.04 7.30 -32.79	111.18 7.15 -31.07	98.27 6.47 -19.15	97.48 5.86 -19.26	88.79 6.47 -9.66
MOONROAD_115KV_HARTFLD_TB1-2 355988	53.35 -5.21 0.00	49.90 -3.93 0.00	49.95 -3.88 0.00	49.84 -3.64 0.00	49.76 -3.63 0.00	51.82 -3.25 0.00	62.32 -5.27 0.00	65.84 -6.59 0.00	65.65 -6.73 0.00	57.83 -6.57 0.01	57.73 -5.99 0.04	56.01 -5.61 0.01	56.20 -4.95 0.00	55.49 -4.83 0.00	53.16 -4.56 0.00	59.12 -4.93 0.00	66.84 -5.81 0.00	69.68 -5.79 -2.14	71.41 -5.72 -3.79	69.08 -5.69 -1.82	68.67 -5.18 -0.89	68.15 -4.50 0.00	67.80 -4.56 0.00	70.48 -2.18 0.00

MORRIS_RIDGE___SOLAR 323848	53.46 -5.09 0.00	49.90 -3.93 0.00	49.90 -3.93 0.00	49.68 -3.80 0.00	49.60 -3.79 0.00	51.71 -3.36 0.00	64.52 -5.00 -1.93	67.67 -6.16 -1.39	67.33 -6.44 -1.39	57.89 -6.57 -0.05	57.35 -6.38 0.03	55.64 -5.98 0.01	55.89 -5.26 0.00	55.01 -5.31 0.00	52.87 -4.85 0.00	58.74 -5.32 0.00	66.99 -5.67 0.00	70.66 -5.14 -2.46	72.37 -5.28 -4.30	70.01 -5.03 -2.09	69.32 -4.67 -1.03	68.22 -4.43 0.00	68.16 -4.20 0.00	70.59 -2.83 -0.77
MORTIMER_115KV_TB3 55949	54.69 -3.86 0.00	50.97 -2.85 0.00	51.03 -2.80 0.00	50.81 -2.67 0.00	50.83 -2.56 0.00	52.64 -2.42 0.00	63.88 -3.72 0.00	67.87 -4.56 0.00	67.75 -4.63 0.00	59.82 -4.57 0.01	59.51 -4.21 0.04	57.55 -4.07 0.01	57.48 -3.67 0.00	56.64 -3.68 0.00	54.20 -3.52 0.00	60.21 -3.84 0.00	68.22 -4.43 0.00	71.79 -3.08 -1.53	72.81 -3.30 -2.77	69.58 -4.67 -1.30	69.07 -4.52 -0.64	68.52 -4.14 0.00	67.88 -4.49 0.00	69.75 -2.91 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	78.44 3.79 -7.05	82.13 4.64 -5.07	82.02 4.56 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.49 4.12 0.00	79.51 4.07 -2.78
MUNSVILLE_WIND_PWR 323609	61.54 2.98 0.00	56.78 2.96 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.11 2.72 0.00	58.60 3.53 -0.01	77.04 4.60 -4.85	81.07 5.14 -3.49	80.80 4.92 -3.49	68.35 3.80 -0.14	67.25 3.50 0.01	64.70 3.08 0.00	64.39 3.24 0.00	63.27 2.95 0.00	60.61 2.88 0.00	67.89 3.84 0.00	77.82 5.16 0.00	84.61 6.46 -4.82	87.29 6.97 -6.98	83.85 6.71 -4.19	81.80 6.79 -2.05	78.97 6.32 0.00	78.44 6.08 0.00	80.75 6.17 -1.93
N SALMON___HYD 24042	58.79 0.24 0.00	53.34 -0.49 0.00	53.34 -0.49 0.00	53.16 -0.32 0.00	52.96 -0.43 0.00	54.79 -0.27 0.00	67.05 -0.54 0.00	71.71 -0.72 0.00	71.59 -0.79 0.00	63.76 -0.64 0.00	63.25 -0.51 0.00	61.38 -0.25 0.00	61.03 -0.12 0.00	60.02 -0.30 0.00	57.44 -0.29 0.00	63.80 -0.26 0.00	71.79 -0.87 0.00	71.72 -1.61 0.00	71.73 -1.61 0.00	72.00 -0.95 0.00	72.30 -0.66 0.00	72.30 -0.36 0.00	72.80 0.44 0.00	72.80 0.15 0.00
N.AKRON__115KV_KNAPP 355671	53.11 -5.45 0.00	49.84 -3.98 0.00	49.90 -3.93 0.00	49.79 -3.69 0.00	49.76 -3.63 0.00	51.71 -3.36 0.00	62.12 -5.48 0.00	65.41 -7.03 0.00	65.29 -7.09 0.00	57.38 -7.02 0.01	57.28 -6.44 0.04	55.39 -6.22 0.01	55.52 -5.63 0.00	54.77 -5.55 0.00	52.35 -5.37 0.00	58.22 -5.83 0.00	65.90 -6.76 0.00	69.35 -5.79 -1.81	70.56 -6.01 -3.22	67.19 -7.30 -1.53	66.85 -6.86 -0.75	66.48 -6.18 0.00	65.99 -6.37 0.00	68.73 -3.92 0.00
N.BELMOR_69_KV_BK1 55787	74.26 3.92 -11.78	69.75 3.93 -12.00	60.95 3.77 -3.35	63.47 3.69 -6.30	60.95 3.68 -3.87	69.02 3.74 -10.21	84.17 4.93 -11.63	124.06 5.79 -45.83	119.13 5.72 -41.03	93.42 5.28 -23.74	80.11 5.16 -11.18	67.38 4.93 -0.83	65.86 4.71 0.00	65.30 4.70 -0.28	70.10 4.56 -7.81	79.08 5.00 -10.03	112.58 6.18 -33.75	121.92 6.75 -41.83	117.58 6.75 -37.49	112.13 6.42 -32.76	110.20 6.49 -30.75	97.91 6.10 -19.15	97.05 5.43 -19.26	87.70 5.38 -9.66
N.E_GEN_SANDY PD 24062	101.40 2.87 -39.97	98.52 2.90 -41.79	94.53 2.85 -37.85	94.00 2.78 -37.74	96.25 2.77 -40.08	107.13 2.75 -49.31	114.76 3.65 -43.52	129.10 4.20 -52.47	122.70 4.12 -46.19	109.40 3.73 -41.26	96.18 3.70 -28.72	88.10 3.51 -22.96	86.20 3.30 -21.75	86.10 3.32 -22.47	89.00 3.17 -28.10	97.30 3.46 -29.79	113.39 4.29 -36.45	133.82 4.70 -55.79	132.00 4.70 -53.96	121.00 4.52 -43.52	111.54 4.53 -34.05	102.12 4.21 -25.25	99.47 3.83 -23.28	94.70 3.92 -18.12
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	60.90 2.34 0.00	56.19 2.37 0.00	56.09 2.26 0.00	55.67 2.19 0.00	55.58 2.19 0.00	57.28 2.20 -0.01	77.41 3.04 -6.77	81.07 3.77 -4.86	80.95 3.69 -4.88	68.02 3.41 -0.20	67.14 3.38 0.00	64.83 3.20 0.00	64.08 2.94 0.00	63.33 3.02 0.00	60.61 2.89 0.00	67.19 3.14 0.00	76.80 4.14 0.00	88.02 4.62 -10.06	96.69 4.69 -18.65	85.81 4.38 -8.48	81.49 4.38 -4.15	76.58 3.92 0.00	75.69 3.33 0.00	78.67 3.34 -2.67
N.QUEENS_27_KV_LOAD 356247	61.60 3.04 0.00	56.89 3.07 0.00	56.57 2.75 0.00	56.10 2.62 0.00	56.01 2.62 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.28 4.78 -5.07	82.02 4.56 -5.08	68.99 4.38 -0.21	68.03 4.27 0.00	65.82 4.19 0.00	65.06 3.91 0.00	64.24 3.92 0.00	61.47 3.75 0.00	68.15 4.10 0.00	77.96 5.30 0.00	89.71 5.94 -10.44	98.55 5.87 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.52 4.87 0.00	76.41 4.05 0.00	79.51 4.07 -2.78
N.TROY___115KV_TB1 355778	61.54 2.99 0.00	56.78 2.96 0.00	56.73 2.91 0.00	56.31 2.83 0.00	56.22 2.83 0.00	58.06 2.92 -0.07	133.91 3.72 -62.60	121.50 4.13 -44.94	121.48 4.05 -45.04	69.94 3.67 -1.87	67.33 3.57 0.00	65.01 3.39 0.00	64.39 3.24 0.00	63.57 3.26 0.00	60.78 3.06 0.00	67.45 3.39 0.00	76.80 4.14 0.00	113.77 4.47 -35.96	113.34 4.47 -35.52	109.56 4.30 -32.31	93.09 4.30 -15.82	76.80 4.14 0.00	76.20 3.84 0.00	101.02 4.07 -24.30
NARROWS_GT1_1 24228	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT1_2 24229	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT1_3 24230	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT1_4 24231	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78

NARROWS_GT1_5 24232	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT1_6 24233	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT1_7 24234	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT1_8 24235	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT2_1 24236	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT2_2 24237	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT2_3 24238	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT2_4 24239	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT2_5 24240	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT2_6 24241	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT2_7 24242	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NARROWS_GT2_8 24243	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	62.60 4.04 0.00	57.65 3.82 0.00	57.65 3.82 0.00	57.22 3.74 0.00	57.13 3.74 0.00	58.89 3.80 -0.03	96.36 3.52 -25.25	94.11 3.55 -18.13	93.88 3.33 -18.17	67.99 2.83 -0.75	67.20 3.44 0.00	64.83 3.20 0.00	64.15 3.00 0.00	63.39 3.08 0.00	60.84 3.12 0.00	67.45 3.39 0.00	77.02 4.36 0.00	97.31 3.81 -20.16	103.73 3.89 -26.49	94.36 3.72 -17.69	85.42 3.79 -8.66	77.23 4.58 0.00	76.70 4.34 0.00	87.45 4.29 -10.51
NCHELSEA_115KV_TR2 355582	61.60 3.04 0.00	56.89 3.07 0.00	56.79 2.96 0.00	56.37 2.89 0.00	56.28 2.88 0.00	57.99 2.92 -0.01	78.86 3.99 -7.28	82.22 4.56 -5.23	82.04 4.42 -5.24	68.61 3.99 -0.22	67.71 3.95 0.00	65.38 3.76 0.00	64.70 3.55 0.00	63.87 3.56 0.00	61.19 3.46 0.00	67.89 3.84 0.00	77.60 4.94 0.00	89.39 5.50 -10.55	98.41 5.65 -19.42	87.11 5.25 -8.91	82.58 5.25 -4.36	77.45 4.80 0.00	76.63 4.27 0.00	79.97 4.43 -2.88
NEG CAPITAL___MECHNVIL 23645	62.31 3.75 0.00	57.43 3.61 0.00	57.38 3.55 0.00	56.91 3.43 0.00	56.81 3.42 0.00	58.84 3.69 -0.08	143.62 4.66 -71.36	128.73 5.07 -51.23	128.80 5.07 -51.35	70.97 4.44 -2.13	68.10 4.34 0.00	65.69 4.07 0.00	65.00 3.85 0.00	64.23 3.92 0.00	61.42 3.70 0.00	68.21 4.16 0.00	77.89 5.23 0.00	119.06 5.57 -40.15	116.84 5.65 -37.85	114.61 5.47 -36.18	96.15 5.47 -17.72	77.96 5.30 0.00	77.35 4.99 0.00	105.82 5.16 -28.00



NEG CENTRAL_HIGH_ACRES 23767	54.22 -4.33 0.00	50.44 -3.39 0.00	50.38 -3.45 0.00	50.27 -3.21 0.00	50.24 -3.15 0.00	52.15 -2.92 0.00	63.47 -4.13 0.00	67.58 -4.85 0.00	67.53 -4.85 0.00	59.56 -4.83 0.01	59.13 -4.59 0.04	57.30 -4.32 0.01	57.23 -3.91 0.00	56.33 -3.98 0.00	53.91 -3.81 0.00	59.82 -4.23 0.00	67.86 -4.80 0.00	71.21 -3.59 -1.47	72.17 -3.82 -2.65	69.38 -4.82 -1.25	68.83 -4.74 -0.61	68.08 -4.58 0.00	67.73 -4.63 0.00	69.03 -3.63 0.00
NEG CENTRAL___DRP 24199	57.03 -1.52 0.00	52.80 -1.02 0.00	52.80 -1.02 0.00	52.52 -0.96 0.00	52.48 -0.91 0.00	54.40 -0.66 0.00	66.79 -0.81 0.00	71.56 -0.87 0.00	71.59 -0.80 0.00	63.11 -1.29 0.00	62.40 -1.34 0.02	60.27 -1.36 0.00	60.05 -1.10 0.00	59.23 -1.09 0.00	56.74 -0.98 0.00	63.22 -0.83 0.00	71.86 -0.80 0.00	75.05 -0.15 -1.86	76.60 0.00 -3.26	74.24 -0.29 -1.58	73.44 -0.29 -0.77	72.22 -0.44 0.00	71.64 -0.72 0.00	72.58 -0.07 0.00
NEG CENTRAL___INDECK 23768	54.16 -4.39 0.00	50.49 -3.34 0.00	50.49 -3.34 0.00	50.32 -3.16 0.00	50.35 -3.04 0.00	52.42 -2.64 0.00	63.81 -3.78 0.00	69.10 -4.56 -1.22	67.60 -4.78 0.00	59.24 -5.15 0.01	58.62 -5.10 0.04	56.75 -4.87 0.01	56.87 -4.28 0.00	55.97 -4.34 0.00	53.74 -3.98 0.00	59.95 -4.10 0.00	68.30 -4.36 0.00	72.56 -2.94 -2.16	74.13 -3.01 -3.79	70.99 -3.80 -1.83	70.43 -3.43 -0.90	69.32 -3.34 0.00	68.96 -3.40 0.00	70.33 -2.33 0.00
NEG CENTRAL___SENECA 23627	57.27 -1.29 0.00	53.07 -0.75 0.00	53.07 -0.75 0.00	52.84 -0.64 0.00	52.80 -0.59 0.00	54.79 -0.28 0.00	68.97 -0.34 -1.71	73.31 -0.36 -1.24	72.09 -0.29 0.00	63.37 -1.03 0.00	62.59 -1.15 0.02	60.45 -1.17 0.00	60.35 -0.79 0.00	59.47 -0.84 0.00	57.09 -0.63 0.00	63.67 -0.38 0.00	72.44 -0.22 0.00	75.93 0.44 -2.16	77.74 0.66 -3.74	75.30 0.51 -1.84	74.37 0.51 -0.90	72.95 0.29 0.00	72.36 0.00 0.00	74.14 0.80 -0.68
NEG CENTRAL___STATE_STREET 24147	57.09 -1.46 0.00	52.80 -1.02 0.00	52.80 -1.02 0.00	52.52 -0.96 0.00	52.48 -0.91 0.00	54.35 -0.72 0.00	66.72 -0.88 0.00	71.56 -0.87 0.00	71.51 -0.87 0.00	63.31 -1.09 0.00	62.59 -1.15 0.02	60.51 -1.11 0.00	60.23 -0.92 0.00	59.35 -0.97 0.00	56.80 -0.92 0.00	63.22 -0.83 0.00	71.78 -0.87 0.00	74.87 -0.15 -1.68	76.24 -0.07 -2.97	73.86 -0.51 -1.42	73.15 -0.51 -0.70	71.93 -0.73 0.00	71.35 -1.01 0.00	72.08 -0.58 0.00
NEG MILLWOOD___DRP 24198	61.89 3.34 0.00	57.16 3.34 0.00	57.06 3.23 0.00	56.64 3.16 0.00	56.54 3.15 0.00	58.27 3.19 -0.01	79.11 4.26 -7.26	82.50 4.85 -5.21	82.38 4.78 -5.22	68.94 4.32 -0.22	68.03 4.27 0.00	65.69 4.07 0.00	65.00 3.85 0.00	64.18 3.86 0.00	61.47 3.75 0.00	68.15 4.10 0.00	78.11 5.45 0.00	89.95 6.01 -10.61	99.08 6.16 -19.57	87.66 5.76 -8.95	83.03 5.69 -4.38	77.96 5.30 0.00	77.14 4.78 0.00	80.32 4.80 -2.87
NEG NORTH_FLCN_SEA 23793	57.97 -0.59 0.00	52.64 -1.18 0.00	52.64 -1.18 0.00	52.46 -1.02 0.00	52.22 -1.17 0.00	54.02 -1.05 0.00	65.70 -1.89 0.00	70.26 -2.17 0.00	70.14 -2.24 0.00	62.41 -2.00 0.00	61.91 -1.85 0.00	60.08 -1.54 0.00	59.80 -1.35 0.00	58.75 -1.57 0.00	56.22 -1.50 0.00	62.45 -1.60 0.00	70.55 -2.11 0.00	70.70 -2.64 0.00	70.71 -2.64 0.00	71.13 -1.82 0.00	71.28 -1.68 0.00	71.35 -1.31 0.00	71.78 -0.58 0.00	72.37 -0.29 0.00
NEG NORTH_KES_CHATEGAY 23792	57.68 -0.88 0.00	52.37 -1.45 0.00	52.37 -1.45 0.00	52.14 -1.34 0.00	51.95 -1.44 0.00	53.69 -1.38 0.00	65.77 -1.83 0.00	70.33 -2.10 0.00	70.21 -2.17 0.00	62.54 -1.87 0.00	61.97 -1.79 0.00	60.08 -1.54 0.00	59.80 -1.35 0.00	58.81 -1.51 0.00	56.28 -1.44 0.00	62.51 -1.54 0.00	70.48 -2.18 0.00	70.55 -2.79 0.00	70.56 -2.79 0.00	70.98 -1.97 0.00	71.06 -1.90 0.00	71.13 -1.53 0.00	71.57 -0.80 0.00	71.57 -1.09 0.00
NEG NORTH___ALICE_FALLS 23915	58.21 -0.35 0.00	52.86 -0.97 0.00	52.80 -1.02 0.00	52.68 -0.80 0.00	52.48 -0.91 0.00	54.29 -0.77 0.00	66.18 -1.42 0.00	70.84 -1.59 0.00	70.72 -1.66 0.00	62.86 -1.55 0.00	62.36 -1.40 0.00	60.52 -1.11 0.00	60.23 -0.92 0.00	59.23 -1.09 0.00	56.68 -1.04 0.00	62.96 -1.09 0.00	71.20 -1.45 0.00	71.36 -1.98 0.00	71.37 -1.98 0.00	71.78 -1.17 0.00	71.94 -1.02 0.00	71.86 -0.80 0.00	72.43 0.07 0.00	72.73 0.07 0.00
NEG NORTH___LWR_SARANAC 23913	58.21 -0.35 0.00	52.86 -0.97 0.00	52.80 -1.02 0.00	52.68 -0.80 0.00	52.48 -0.91 0.00	54.29 -0.77 0.00	66.18 -1.42 0.00	70.84 -1.59 0.00	70.72 -1.66 0.00	62.86 -1.55 0.00	62.36 -1.40 0.00	60.52 -1.11 0.00	60.23 -0.92 0.00	59.23 -1.09 0.00	56.68 -1.04 0.00	62.96 -1.09 0.00	71.20 -1.45 0.00	71.36 -1.98 0.00	71.37 -1.98 0.00	71.78 -1.17 0.00	71.94 -1.02 0.00	71.86 -0.80 0.00	72.43 0.07 0.00	72.73 0.07 0.00
NEG NORTH___PLATTSBURG 23628	58.21 -0.35 0.00	52.86 -0.97 0.00	52.86 -0.97 0.00	52.68 -0.80 0.00	52.48 -0.91 0.00	54.24 -0.82 0.00	66.11 -1.49 0.00	70.77 -1.66 0.00	70.58 -1.81 0.00	62.86 -1.55 0.00	62.36 -1.40 0.00	60.52 -1.11 0.00	60.23 -0.92 0.00	59.17 -1.15 0.00	56.69 -1.04 0.00	62.96 -1.09 0.00	71.13 -1.53 0.00	71.28 -2.05 0.00	71.29 -2.05 0.00	71.64 -1.31 0.00	71.79 -1.17 0.00	71.79 -0.87 0.00	72.15 -0.22 0.00	72.66 0.00 0.00
NEG WEST_LEA_LOCKPORT 23791	51.76 -6.79 0.00	48.60 -5.22 0.00	48.66 -5.17 0.00	48.56 -4.92 0.00	48.53 -4.86 0.00	50.39 -4.68 0.00	60.30 -7.30 0.00	63.16 -9.27 0.00	63.12 -9.26 0.00	55.51 -8.89 0.01	55.49 -8.22 0.04	53.73 -7.89 0.01	53.87 -7.28 0.00	53.14 -7.18 0.00	50.85 -6.87 0.00	56.49 -7.56 0.00	63.79 -8.86 0.00	67.13 -8.07 -1.86	68.30 -8.36 -3.32	65.05 -9.48 -1.58	64.69 -9.05 -0.77	64.37 -8.28 0.00	64.04 -8.32 0.00	66.99 -5.67 0.00
NEG WEST___LANCASTER 23811	53.23 -5.33 0.00	49.79 -4.04 0.00	49.84 -3.98 0.00	49.68 -3.80 0.00	49.60 -3.79 0.00	51.54 -3.52 0.00	62.05 -5.54 0.00	66.78 -6.88 -1.23	66.59 -7.02 -1.23	57.56 -6.89 -0.04	57.41 -6.31 0.04	55.64 -5.98 0.01	55.77 -5.38 0.00	55.07 -5.25 0.00	52.70 -5.02 0.00	58.54 -5.51 0.00	66.34 -6.32 0.00	67.00 -8.51 -2.17	68.45 -8.73 -3.84	68.30 -6.49 -1.84	67.73 -6.13 -0.90	67.06 -5.59 0.00	66.79 -5.57 0.00	69.17 -3.49 0.00
NEG_PENN_ALLEGHNY 23528	57.56 -1.00 0.00	53.29 -0.54 0.00	53.29 -0.54 0.00	53.00 -0.48 0.00	52.91 -0.48 0.00	54.74 -0.33 0.00	70.39 -0.47 -3.26	74.20 -0.58 -2.35	74.09 -0.65 -2.36	63.60 -0.90 -0.09	62.91 -0.83 0.02	60.76 -0.86 0.00	60.48 -0.67 0.00	59.59 -0.72 0.00	57.09 -0.63 0.00	63.41 -0.64 0.00	72.22 -0.43 0.00	77.21 -0.15 -4.02	79.87 -0.22 -6.75	76.24 -0.15 -3.43	74.50 -0.15 -1.68	72.37 -0.29 0.00	72.00 -0.36 0.00	74.03 0.07 -1.30
NEG___GEN_MONROE 24207	54.58 -3.98 0.00	50.92 -2.91 0.00	50.97 -2.85 0.00	50.75 -2.73 0.00	50.78 -2.62 0.00	52.64 -2.42 0.00	63.74 -3.85 0.00	67.44 -5.00 0.00	67.32 -5.07 0.00	59.37 -5.02 0.01	58.93 -4.78 0.04	56.99 -4.62 0.01	56.99 -4.16 0.00	56.15 -4.16 0.00	53.68 -4.04 0.00	59.63 -4.42 0.00	67.50 -5.16 0.00	71.00 -3.89 -1.55	72.10 -4.03 -2.79	68.86 -5.40 -1.31	68.35 -5.25 -0.64	67.72 -4.94 0.00	67.30 -5.07 0.00	69.31 -3.34 0.00

NEPA__ENERGY 23901	52.88 -5.68 0.00	49.52 -4.31 0.00	49.58 -4.25 0.00	49.47 -4.01 0.00	49.39 -4.00 0.00	51.38 -3.69 0.00	61.65 -5.95 0.00	64.90 -7.53 0.00	64.78 -7.60 0.00	56.99 -7.41 0.01	56.96 -6.76 0.04	55.21 -6.41 0.01	55.40 -5.75 0.00	54.65 -5.67 0.00	52.35 -5.37 0.00	58.16 -5.89 0.00	65.83 -6.83 0.00	68.79 -6.60 -2.06	70.24 -6.75 -3.64	67.69 -7.00 -1.74	67.25 -6.57 -0.85	66.77 -5.89 0.00	66.50 -5.86 0.00	69.24 -3.41 0.00
NEVERSink__HYD 23608	61.13 2.57 0.00	56.41 2.58 0.00	56.41 2.58 0.00	55.94 2.46 0.00	55.90 2.51 0.00	57.66 2.59 -0.01	78.68 3.72 -7.37	81.85 4.13 -5.29	81.74 4.05 -5.30	68.04 3.41 -0.22	67.07 3.31 0.00	64.77 3.14 0.00	64.02 2.87 0.00	63.21 2.90 0.00	60.61 2.88 0.00	67.32 3.26 0.00	77.09 4.43 0.00	88.34 5.06 -9.95	96.35 5.21 -17.79	86.35 4.96 -8.43	81.91 4.81 -4.13	77.09 4.43 0.00	76.34 3.98 0.00	79.74 4.14 -2.95
NEWKRMKL_115KV_TB1 55635	60.67 2.11 0.00	55.98 2.15 0.00	55.93 2.10 0.00	55.51 2.03 0.00	55.42 2.03 0.00	57.15 2.04 -0.05	113.28 2.23 -43.45	106.16 2.54 -31.20	106.11 2.46 -31.27	68.15 2.45 -1.30	66.31 2.55 0.00	64.03 2.40 0.00	63.35 2.20 0.00	62.61 2.29 0.00	59.86 2.14 0.00	66.10 2.05 0.00	75.49 2.83 0.00	104.80 2.79 -28.68	107.70 2.64 -31.71	101.13 2.63 -25.55	88.32 2.85 -12.51	75.42 2.76 0.00	74.89 2.53 0.00	93.37 2.91 -17.81
NEWTON__FALLS_HYD 23847	59.26 0.70 0.00	54.09 0.27 0.00	54.10 0.27 0.00	53.80 0.32 0.00	53.71 0.32 0.00	55.67 0.61 0.00	68.48 0.88 0.00	73.16 0.72 0.00	73.18 0.80 0.00	65.11 0.71 0.00	64.33 0.57 0.00	62.24 0.62 0.00	61.88 0.73 0.00	60.92 0.60 0.00	58.30 0.58 0.00	64.76 0.70 0.00	72.66 0.00 0.00	72.85 -0.51 -0.03	73.46 -0.37 -0.48	72.73 -0.22 0.00	73.18 0.22 0.00	73.17 0.51 0.00	73.45 1.09 0.00	73.31 0.65 0.00
NGRID_A1_DSASP 323792	51.59 -6.97 0.00	48.49 -5.33 0.00	48.45 -5.38 0.00	48.45 -5.03 0.00	48.37 -5.02 0.00	50.38 -4.68 0.00	59.89 -7.71 0.00	62.58 -9.85 0.00	62.54 -9.84 0.00	54.86 -9.53 0.01	54.79 -8.93 0.04	53.30 -8.32 0.01	53.63 -7.52 0.00	52.77 -7.54 0.00	50.51 -7.22 0.00	55.85 -8.20 0.00	62.99 -9.66 0.00	66.58 -8.65 -1.90	67.46 -9.24 -3.36	64.49 -10.07 -1.61	64.05 -9.70 -0.79	63.57 -9.08 0.00	63.75 -8.61 0.00	66.33 -6.32 0.00
NGRID_A2_DSASP 323793	51.59 -6.97 0.00	48.49 -5.33 0.00	48.45 -5.38 0.00	48.45 -5.03 0.00	48.37 -5.02 0.00	50.38 -4.68 0.00	59.89 -7.71 0.00	62.58 -9.85 0.00	62.54 -9.84 0.00	54.86 -9.53 0.01	54.79 -8.93 0.04	53.30 -8.32 0.01	53.63 -7.52 0.00	52.77 -7.54 0.00	50.51 -7.22 0.00	55.85 -8.20 0.00	62.99 -9.66 0.00	66.58 -8.65 -1.90	67.46 -9.24 -3.36	64.49 -10.07 -1.61	64.05 -9.70 -0.79	63.57 -9.08 0.00	63.75 -8.61 0.00	66.33 -6.32 0.00
NGRID_A4_DSASP 323807	51.59 -6.97 0.00	48.49 -5.33 0.00	48.45 -5.38 0.00	48.45 -5.03 0.00	48.37 -5.02 0.00	50.38 -4.68 0.00	59.89 -7.71 0.00	62.58 -9.85 0.00	62.54 -9.84 0.00	54.86 -9.53 0.01	54.79 -8.93 0.04	53.30 -8.32 0.01	53.63 -7.52 0.00	52.77 -7.54 0.00	50.51 -7.22 0.00	55.85 -8.20 0.00	62.99 -9.66 0.00	66.58 -8.65 -1.90	67.46 -9.24 -3.36	64.49 -10.07 -1.61	64.05 -9.70 -0.79	63.57 -9.08 0.00	63.75 -8.61 0.00	66.33 -6.32 0.00
NIAGARA_115E_LBMP 323715	51.06 -7.50 0.00	47.96 -5.87 0.00	47.91 -5.92 0.00	47.97 -5.51 0.00	47.89 -5.50 0.00	49.95 -5.12 0.00	59.69 -7.91 0.00	62.44 -10.00 0.00	62.39 -9.99 0.00	54.67 -9.73 0.01	54.60 -9.12 0.04	53.11 -8.50 0.01	53.38 -7.77 0.00	52.54 -7.78 0.00	50.33 -7.39 0.00	55.66 -8.39 0.00	62.85 -9.81 0.00	66.21 -9.02 -1.90	67.18 -9.53 -3.37	64.20 -10.36 -1.61	63.98 -9.77 -0.79	63.43 -9.23 0.00	63.60 -8.76 0.00	66.12 -6.54 0.00
NIAGARA_115W_LBMP 323714	51.53 -7.03 0.00	48.44 -5.38 0.00	48.39 -5.43 0.00	48.40 -5.08 0.00	48.32 -5.07 0.00	50.33 -4.74 0.00	59.83 -7.77 0.00	62.51 -9.92 0.00	62.47 -9.91 0.00	54.73 -9.66 0.01	54.73 -8.99 0.04	53.24 -8.38 0.01	53.50 -7.65 0.00	52.65 -7.66 0.00	50.45 -7.27 0.00	55.73 -8.33 0.00	62.92 -9.73 0.00	66.43 -8.80 -1.89	67.31 -9.39 -3.35	64.42 -10.14 -1.61	63.90 -9.85 -0.79	63.43 -9.23 0.00	63.68 -8.69 0.00	66.19 -6.47 0.00
NIAGARA_230_LBMP 323716	51.82 -6.73 0.00	48.66 -5.17 0.00	48.61 -5.22 0.00	48.67 -4.81 0.00	48.53 -4.86 0.00	50.66 -4.41 0.00	60.50 -7.10 0.00	63.30 -9.13 0.00	63.26 -9.12 0.00	55.51 -8.89 0.01	55.43 -8.29 0.04	53.91 -7.71 0.01	54.18 -6.97 0.00	53.32 -7.00 0.00	51.09 -6.64 0.00	56.43 -7.62 0.00	63.72 -8.94 0.00	67.21 -7.99 -1.87	68.16 -8.51 -3.32	65.20 -9.34 -1.59	64.76 -8.98 -0.78	64.23 -8.43 0.00	64.40 -7.96 0.00	66.92 -5.74 0.00
NIAGARA__115KV_198_GIBSON 55903	51.59 -6.97 0.00	48.50 -5.33 0.00	48.55 -5.28 0.00	48.51 -4.97 0.00	48.37 -5.02 0.00	50.16 -4.90 0.00	59.55 -8.04 0.00	62.29 -10.14 0.00	62.25 -10.13 0.00	54.74 -9.66 0.01	54.79 -8.93 0.04	53.05 -8.57 0.01	53.26 -7.89 0.00	52.54 -7.78 0.00	50.28 -7.45 0.00	55.72 -8.33 0.00	62.85 -9.81 0.00	66.36 -8.87 -1.89	67.48 -9.24 -3.37	64.13 -10.43 -1.61	63.68 -10.07 -0.79	63.36 -9.30 0.00	63.10 -9.26 0.00	66.12 -6.54 0.00
NIAGARA____ 23760	51.82 -6.73 0.00	48.66 -5.17 0.00	48.61 -5.22 0.00	48.67 -4.81 0.00	48.53 -4.86 0.00	50.66 -4.41 0.00	60.50 -7.10 0.00	63.30 -9.13 0.00	63.26 -9.12 0.00	55.51 -8.89 0.01	55.43 -8.29 0.04	53.91 -7.71 0.01	54.18 -6.97 0.00	53.32 -7.00 0.00	51.09 -6.64 0.00	56.43 -7.62 0.00	63.72 -8.94 0.00	67.23 -7.99 -1.88	68.18 -8.51 -3.34	65.21 -9.34 -1.60	64.77 -8.98 -0.78	64.23 -8.43 0.00	64.40 -7.96 0.00	66.92 -5.74 0.00
NINE_MILE_1 23575	55.69 -2.87 0.00	51.35 -2.48 0.00	51.35 -2.48 0.00	51.07 -2.41 0.00	50.99 -2.40 0.00	52.70 -2.37 0.00	64.62 -2.97 0.00	69.18 -3.26 0.00	69.13 -3.26 0.00	61.33 -3.03 0.04	60.55 -3.00 0.21	58.69 -2.90 0.04	58.40 -2.75 0.00	57.60 -2.71 0.00	55.13 -2.60 0.00	61.17 -2.88 0.00	69.46 -3.20 0.00	70.55 -2.86 -0.08	71.66 -2.86 -1.18	69.82 -3.13 0.00	69.83 -3.14 0.00	69.53 -3.12 0.00	69.18 -3.18 0.00	69.67 -2.98 0.00
NINE_MILE_2 23744	55.69 -2.87 0.00	51.35 -2.48 0.00	51.35 -2.48 0.00	51.07 -2.41 0.00	50.99 -2.40 0.00	52.70 -2.37 0.00	64.62 -2.97 0.00	69.25 -3.19 0.00	69.13 -3.26 0.00	61.33 -3.03 0.05	60.55 -3.00 0.22	58.69 -2.90 0.05	58.40 -2.75 0.00	57.60 -2.71 0.00	55.13 -2.60 0.00	61.17 -2.88 0.00	69.46 -3.20 0.00	70.55 -2.86 -0.08	71.66 -2.86 -1.17	69.82 -3.13 0.00	69.83 -3.14 0.00	69.53 -3.12 0.00	69.18 -3.18 0.00	69.67 -2.98 0.00
NM_CAPITAL__DRP 24208	60.78 2.23 0.00	56.09 2.26 0.00	56.03 2.21 0.00	55.62 2.14 0.00	55.53 2.14 0.00	57.26 2.15 -0.05	111.95 2.43 -41.92	105.28 2.75 -30.10	105.22 2.68 -30.17	68.30 2.64 -1.25	66.44 2.68 0.00	64.15 2.53 0.00	63.53 2.38 0.00	62.73 2.41 0.00	60.03 2.31 0.00	66.29 2.24 0.00	75.64 2.98 0.00	104.67 3.01 -28.33	107.77 2.93 -31.49	101.10 2.92 -25.23	88.38 3.06 -12.35	75.64 2.98 0.00	75.04 2.68 0.00	93.22 3.05 -17.51

NM_CENTRAL___DRP 24181	56.45 -2.11 0.00	52.16 -1.67 0.00	52.16 -1.67 0.00	51.88 -1.60 0.00	51.84 -1.55 0.00	53.58 -1.49 0.00	65.70 -1.89 0.00	70.55 -1.88 0.00	70.50 -1.88 0.00	62.47 -1.93 0.01	61.88 -1.85 0.03	59.77 -1.85 0.01	59.50 -1.65 0.00	58.63 -1.69 0.00	56.11 -1.62 0.00	62.32 -1.73 0.00	70.62 -2.03 0.00	71.98 -1.47 -0.11	73.50 -1.47 -1.62	71.05 -1.90 0.00	71.06 -1.90 0.00	70.69 -1.96 0.00	70.19 -2.17 0.00	70.91 -1.74 0.00
NM_FRONTIER___DRP 24179	51.59 -6.97 0.00	48.50 -5.33 0.00	48.55 -5.28 0.00	48.51 -4.97 0.00	48.37 -5.02 0.00	50.16 -4.90 0.00	59.55 -8.04 0.00	62.29 -10.14 0.00	62.25 -10.13 0.00	54.74 -9.66 0.01	54.79 -8.93 0.04	53.05 -8.57 0.01	53.26 -7.89 0.00	52.54 -7.78 0.00	50.28 -7.45 0.00	55.72 -8.33 0.00	62.85 -9.81 0.00	66.36 -8.87 -1.89	67.48 -9.24 -3.37	64.13 -10.43 -1.61	63.68 -10.07 -0.79	63.36 -9.30 0.00	63.10 -9.26 0.00	66.12 -6.54 0.00
NM_ST_REGIS___HYD 24053	59.32 0.76 0.00	53.82 0.00 0.00	53.83 0.00 0.00	53.64 0.16 0.00	53.45 0.05 0.00	55.29 0.22 0.00	67.80 0.20 0.00	72.22 -0.22 0.00	72.16 -0.22 0.00	64.40 0.00 0.00	63.82 0.06 0.00	61.87 0.25 0.00	61.46 0.31 0.00	60.50 0.18 0.00	57.95 0.23 0.00	64.24 0.19 0.00	71.71 -0.94 0.00	71.22 -2.13 -0.02	71.45 -2.13 -0.24	71.49 -1.46 0.00	72.09 -0.88 0.00	72.29 -0.36 0.00	73.09 0.72 0.00	72.80 0.15 0.00
NORTHPORT___1 23551	74.96 4.62 -11.78	70.40 4.57 -12.00	61.59 4.41 -3.35	64.06 4.28 -6.30	61.54 4.27 -3.87	69.62 4.35 -10.21	85.05 5.81 -11.63	125.07 6.81 -45.83	119.93 6.52 -41.03	93.87 5.73 -23.74	80.68 5.74 -11.18	68.06 5.61 -0.83	66.29 5.14 0.00	66.03 5.43 -0.28	70.67 5.14 -7.81	79.72 5.64 -10.03	113.31 6.91 -33.75	122.39 7.19 -41.87	118.05 7.19 -37.51	112.31 6.57 -32.79	111.05 7.01 -31.08	98.42 6.61 -19.15	97.62 6.00 -19.26	88.28 5.96 -9.66
NORTHPORT___2 23552	74.96 4.62 -11.78	70.40 4.57 -12.00	61.59 4.41 -3.35	64.06 4.28 -6.30	61.54 4.27 -3.87	69.62 4.35 -10.21	85.05 5.81 -11.63	125.07 6.81 -45.83	119.93 6.52 -41.03	93.87 5.73 -23.74	80.68 5.74 -11.18	68.06 5.61 -0.83	66.29 5.14 0.00	66.03 5.43 -0.28	70.67 5.14 -7.81	79.72 5.64 -10.03	113.31 6.91 -33.75	122.39 7.19 -41.87	118.05 7.19 -37.51	112.31 6.57 -32.79	111.05 7.01 -31.08	98.42 6.61 -19.15	97.62 6.00 -19.26	88.28 5.96 -9.66
NORTHPORT___3 23553	74.67 4.33 -11.78	70.02 4.20 -12.00	61.22 4.04 -3.35	63.68 3.90 -6.30	61.16 3.90 -3.87	69.24 3.97 -10.21	84.70 5.47 -11.63	124.78 6.52 -45.83	119.85 6.44 -41.03	93.94 5.80 -23.74	80.62 5.67 -11.18	67.81 5.36 -0.83	66.10 4.95 0.00	65.72 5.12 -0.28	70.44 4.90 -7.81	79.52 5.44 -10.03	113.23 6.83 -33.75	122.82 7.63 -41.86	118.26 7.40 -37.51	114.86 9.12 -32.79	110.38 6.42 -31.00	98.56 6.76 -19.15	97.77 6.15 -19.26	88.28 5.96 -9.66
NORTHPORT___4 23650	74.67 4.33 -11.78	70.02 4.20 -12.00	61.22 4.04 -3.35	63.68 3.90 -6.30	61.16 3.90 -3.87	69.24 3.97 -10.21	84.70 5.47 -11.63	124.78 6.52 -45.83	119.85 6.44 -41.03	93.94 5.80 -23.74	80.62 5.67 -11.18	67.81 5.36 -0.83	66.10 4.95 0.00	65.72 5.12 -0.28	70.44 4.90 -7.81	79.52 5.44 -10.03	113.23 6.83 -33.75	122.82 7.63 -41.86	118.26 7.40 -37.51	114.86 9.12 -32.79	110.38 6.42 -31.00	98.56 6.76 -19.15	97.77 6.15 -19.26	88.28 5.96 -9.66
NORTHPORT___IC 23718	74.96 4.63 -11.78	70.40 4.58 -12.00	61.54 4.36 -3.35	64.05 4.28 -6.30	61.53 4.27 -3.87	69.68 4.41 -10.21	85.04 5.81 -11.63	125.07 6.81 -45.83	119.93 6.51 -41.03	93.87 5.73 -23.74	80.68 5.74 -11.18	68.12 5.67 -0.83	66.53 5.38 0.00	66.03 5.43 -0.28	70.73 5.20 -7.81	79.72 5.64 -10.03	113.30 6.90 -33.75	122.39 7.19 -41.87	118.05 7.19 -37.52	112.24 6.49 -32.79	110.39 6.35 -31.08	98.42 6.61 -19.15	97.55 5.93 -19.26	88.28 5.96 -9.66
NORTH___COUNTRY_ESR 323785	57.50 -1.05 0.00	52.21 -1.61 0.00	52.21 -1.61 0.00	51.98 -1.50 0.00	51.84 -1.55 0.00	53.52 -1.54 0.00	65.50 -2.10 0.00	70.04 -2.39 0.00	69.92 -2.46 0.00	62.34 -2.06 0.00	61.78 -1.98 0.00	59.96 -1.66 0.00	59.62 -1.53 0.00	58.63 -1.69 0.00	56.11 -1.62 0.00	62.32 -1.73 0.00	70.19 -2.47 0.00	70.18 -3.15 0.00	70.19 -3.15 0.00	70.55 -2.41 0.00	70.70 -2.26 0.00	70.77 -1.89 0.00	71.06 -1.30 0.00	71.27 -1.38 0.00
NPX_GEN_1385_PROXY 323591	85.00 6.27 -20.17	81.12 6.08 -21.22	80.00 5.92 -20.25	80.80 5.83 -21.49	81.00 5.77 -21.84	90.32 5.95 -29.31	107.29 7.70 -31.99	126.95 8.69 -45.83	120.94 7.53 -41.03	94.00 5.86 -23.74	81.38 6.44 -11.18	69.60 7.15 -0.83	67.51 6.36 0.00	67.59 6.99 -0.28	72.00 6.46 -7.81	81.00 6.92 -10.03	113.38 6.98 -33.75	123.27 8.07 -41.87	119.00 8.14 -37.51	112.75 7.00 -32.79	111.20 7.15 -31.08	99.00 7.19 -19.15	97.99 6.37 -19.26	89.00 6.68 -9.66
NPX_GEN_CSC 323557	75.37 5.04 -11.78	70.83 5.01 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.85 4.59 -3.87	70.06 4.79 -10.21	85.58 6.35 -11.63	125.79 7.53 -45.83	120.80 7.39 -41.03	94.71 6.57 -23.74	81.26 6.31 -11.18	68.43 5.98 -0.83	66.66 5.51 0.00	66.45 5.85 -0.28	71.08 5.54 -7.81	80.23 6.15 -10.03	114.32 7.92 -33.75	123.63 8.43 -41.86	119.00 8.14 -37.51	113.55 7.81 -32.79	111.69 7.66 -31.07	98.93 7.12 -19.15	98.13 6.52 -19.26	88.78 6.46 -9.66
NSINS_S___GLNS_FALLS 23858	63.24 4.68 0.00	58.29 4.47 0.00	58.13 4.31 0.00	57.70 4.22 0.00	57.56 4.16 0.00	59.78 4.63 -0.09	149.06 5.81 -75.65	133.05 6.30 -54.31	133.11 6.30 -54.44	72.13 5.47 -2.26	69.11 5.36 0.00	66.43 4.81 0.00	65.74 4.59 0.00	65.02 4.70 0.00	62.05 4.33 0.00	69.05 5.00 0.00	78.90 6.25 0.00	122.29 6.75 -42.21	119.18 6.82 -39.01	117.67 6.64 -38.08	98.18 6.57 -18.65	79.20 6.54 0.00	78.51 6.15 0.00	108.94 6.47 -29.82
NUCOR_STEEL___DRP 24197	57.21 -1.35 0.00	52.86 -0.97 0.00	52.86 -0.97 0.00	52.57 -0.91 0.00	52.54 -0.85 0.00	54.35 -0.72 0.00	66.72 -0.88 0.00	71.49 -0.94 0.00	71.44 -0.94 0.00	63.24 -1.16 0.00	62.53 -1.21 0.02	60.45 -1.17 0.00	60.17 -0.98 0.00	59.29 -1.03 0.00	56.80 -0.92 0.00	63.15 -0.90 0.00	71.71 -0.94 0.00	74.62 -0.29 -1.58	75.95 -0.22 -2.82	73.63 -0.66 -1.34	72.96 -0.66 -0.66	71.86 -0.80 0.00	71.35 -1.01 0.00	72.08 -0.58 0.00
NUMBER_THREE_WT_PWR 323818	59.61 1.06 0.00	54.68 0.86 0.00	54.69 0.86 0.00	54.33 0.85 0.00	54.35 0.96 0.00	56.39 1.32 0.00	69.49 1.89 0.00	74.68 2.25 0.00	74.70 2.32 0.00	66.20 1.80 0.00	65.28 1.53 0.01	63.17 1.54 0.00	62.74 1.59 0.00	61.70 1.39 0.00	59.11 1.38 0.00	65.78 1.73 0.00	74.33 1.67 0.00	75.28 1.90 -0.04	76.09 2.13 -0.62	74.84 1.89 0.00	75.08 2.12 0.00	74.62 1.96 0.00	74.46 2.10 0.00	74.54 1.89 0.00
NYISO_LBMP_REFERENCE 24008	58.56 0.00 0.00	53.82 0.00 0.00	53.83 0.00 0.00	53.48 0.00 0.00	53.39 0.00 0.00	55.07 0.00 0.00	67.60 0.00 0.00	72.43 0.00 0.00	72.38 0.00 0.00	64.40 0.00 0.00	63.76 0.00 0.00	61.63 0.00 0.00	61.15 0.00 0.00	60.32 0.00 0.00	57.72 0.00 0.00	64.05 0.00 0.00	72.66 0.00 0.00	73.34 0.00 0.00	73.35 0.00 0.00	72.95 0.00 0.00	72.96 0.00 0.00	72.66 0.00 0.00	72.36 0.00 0.00	72.66 0.00 0.00

NYPA_BRENTWD____GT 24164	75.43 5.09 -11.78	70.83 5.01 -12.00	61.97 4.79 -3.35	64.43 4.65 -6.30	61.91 4.64 -3.87	70.06 4.79 -10.21	85.66 6.43 -11.63	125.72 7.46 -45.83	120.72 7.31 -41.03	94.64 6.50 -23.74	81.32 6.38 -11.18	68.56 6.10 -0.83	66.84 5.69 0.00	66.51 5.91 -0.28	71.20 5.66 -7.81	80.36 6.28 -10.03	114.25 7.85 -33.75	123.56 8.36 -41.86	119.14 8.29 -37.51	113.62 7.88 -32.79	111.97 7.95 -31.05	99.29 7.49 -19.15	98.50 6.88 -19.26	89.08 6.76 -9.66
NYPA_GOWANUS____GT5 24156	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NYPA_GOWANUS____GT6 24157	62.07 3.51 0.00	57.27 3.45 0.00	57.06 3.23 0.00	56.53 3.05 0.00	56.43 3.04 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.72 5.22 -5.07	82.45 4.99 -5.08	69.31 4.70 -0.21	68.41 4.65 0.00	66.07 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.70 3.98 0.00	68.47 4.42 0.00	78.33 5.67 0.00	90.08 6.31 -10.44	98.98 6.31 -19.33	87.66 5.91 -8.80	83.11 5.84 -4.31	78.03 5.38 0.00	76.92 4.56 0.00	79.80 4.36 -2.78
NYPA_HARLEM__RVR__GT1 24160	61.48 2.93 0.00	56.84 3.01 0.00	56.56 2.74 0.01	56.04 2.57 0.01	55.95 2.56 0.01	57.65 2.59 0.00	78.29 3.65 -7.05	82.13 4.64 -5.06	81.94 4.49 -5.07	68.86 4.25 -0.20	67.96 4.21 0.01	65.56 3.95 0.01	64.81 3.67 0.01	64.05 3.74 0.01	61.24 3.52 0.01	68.02 3.97 0.01	77.73 5.08 0.01	89.49 5.72 -10.43	98.32 5.65 -19.32	87.07 5.32 -8.79	82.52 5.26 -4.30	77.37 4.72 0.01	76.33 3.98 0.01	79.36 3.92 -2.78
NYPA_HARLEM__RVR__GT2 24161	61.48 2.93 0.00	56.84 3.01 0.00	56.56 2.74 0.01	56.04 2.57 0.01	55.95 2.56 0.01	57.65 2.59 0.00	78.29 3.65 -7.05	82.13 4.64 -5.06	81.94 4.49 -5.07	68.86 4.25 -0.20	67.96 4.21 0.01	65.56 3.95 0.01	64.81 3.67 0.01	64.05 3.74 0.01	61.24 3.52 0.01	68.02 3.97 0.01	77.73 5.08 0.01	89.49 5.72 -10.43	98.32 5.65 -19.32	87.07 5.32 -8.79	82.52 5.26 -4.30	77.37 4.72 0.01	76.33 3.98 0.01	79.36 3.92 -2.78
NYPA_KENT____GT 24152	61.95 3.39 0.00	57.16 3.34 0.00	57.00 3.18 0.00	56.47 2.99 0.00	56.38 2.99 0.00	57.99 2.92 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.25 4.64 -0.21	68.35 4.59 0.00	65.94 4.31 0.00	65.18 4.03 0.00	64.42 4.10 0.00	61.59 3.87 0.00	68.41 4.36 0.00	78.25 5.59 0.00	89.93 6.16 -10.44	98.76 6.08 -19.33	87.51 5.76 -8.80	82.97 5.69 -4.31	77.89 5.23 0.00	76.85 4.49 0.00	79.72 4.29 -2.78
NYPA_POUCH1____GT 24155	61.95 3.39 0.00	57.16 3.34 0.00	56.89 3.07 0.00	56.37 2.89 0.00	56.27 2.88 0.00	57.88 2.81 -0.01	78.50 3.85 -7.05	82.43 4.93 -5.07	82.10 4.64 -5.08	69.06 4.44 -0.21	68.15 4.40 0.00	65.82 4.19 0.00	65.07 3.92 0.00	64.23 3.92 0.00	61.47 3.75 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.79 6.01 -10.44	98.69 6.02 -19.33	87.37 5.62 -8.80	82.81 5.54 -4.31	77.67 5.01 0.00	76.56 4.20 0.00	79.43 3.99 -2.78
NYPA_VERNON____GT2 24162	61.83 3.28 0.00	57.11 3.28 0.00	56.89 3.07 0.00	56.37 2.89 0.00	56.27 2.88 0.00	57.94 2.86 -0.01	78.71 4.06 -7.05	82.49 4.99 -5.07	82.31 4.85 -5.08	69.19 4.57 -0.21	68.22 4.46 0.00	65.87 4.25 0.00	65.12 3.97 0.00	64.36 4.04 0.00	61.53 3.81 0.00	68.28 4.23 0.00	78.11 5.45 0.00	89.79 6.01 -10.44	98.69 6.02 -19.33	87.37 5.62 -8.80	82.89 5.62 -4.31	77.74 5.08 0.00	76.70 4.34 0.00	79.65 4.21 -2.78
NYPA_VERNON____GT3 24163	61.83 3.28 0.00	57.11 3.28 0.00	56.89 3.07 0.00	56.37 2.89 0.00	56.27 2.88 0.00	57.94 2.86 -0.01	78.71 4.06 -7.05	82.49 4.99 -5.07	82.31 4.85 -5.08	69.19 4.57 -0.21	68.22 4.46 0.00	65.87 4.25 0.00	65.12 3.97 0.00	64.36 4.04 0.00	61.53 3.81 0.00	68.28 4.23 0.00	78.11 5.45 0.00	89.79 6.01 -10.44	98.69 6.02 -19.33	87.37 5.62 -8.80	82.89 5.62 -4.31	77.74 5.08 0.00	76.70 4.34 0.00	79.65 4.21 -2.78
NYPA__ASTORIA_CC1 323568	61.78 3.22 0.00	57.05 3.23 0.00	56.84 3.01 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.88 2.81 -0.01	78.64 3.99 -7.05	82.43 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.15 4.40 0.00	65.82 4.19 0.00	65.07 3.92 0.00	64.23 3.92 0.00	61.47 3.75 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.61 5.94 -19.33	87.29 5.54 -8.80	82.75 5.47 -4.31	77.67 5.01 0.00	76.63 4.27 0.00	79.58 4.14 -2.78
NYPA__ASTORIA_CC2 323569	61.78 3.22 0.00	57.05 3.23 0.00	56.84 3.01 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.88 2.81 -0.01	78.64 3.99 -7.05	82.43 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.15 4.40 0.00	65.82 4.19 0.00	65.07 3.92 0.00	64.23 3.92 0.00	61.47 3.75 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.61 5.94 -19.33	87.29 5.54 -8.80	82.75 5.47 -4.31	77.67 5.01 0.00	76.63 4.27 0.00	79.58 4.14 -2.78
NYPA__HOLTSVILL 23794	75.14 4.80 -11.78	70.56 4.74 -12.00	61.70 4.52 -3.35	64.21 4.44 -6.30	61.64 4.38 -3.87	69.79 4.52 -10.21	85.25 6.01 -11.63	125.36 7.10 -45.83	120.36 6.95 -41.03	94.32 6.18 -23.74	80.93 5.99 -11.18	68.19 5.73 -0.83	66.47 5.32 0.00	66.21 5.61 -0.28	70.84 5.31 -7.81	79.97 5.89 -10.03	113.89 7.49 -33.75	123.19 7.99 -41.86	118.71 7.85 -37.51	113.26 7.52 -32.79	111.48 7.45 -31.07	98.78 6.98 -19.15	97.99 6.37 -19.26	88.57 6.25 -9.66
NYPA__HELLGATE_GT1 24158	61.48 2.93 0.00	56.84 3.01 0.00	56.56 2.74 0.01	56.04 2.57 0.01	55.95 2.56 0.01	57.65 2.59 0.00	78.29 3.65 -7.05	82.13 4.64 -5.06	81.94 4.49 -5.07	68.86 4.25 -0.20	67.96 4.21 0.01	65.56 3.95 0.01	64.87 3.73 0.01	64.05 3.74 0.01	61.24 3.52 0.01	68.02 3.97 0.01	77.73 5.08 0.01	89.49 5.72 -10.43	98.32 5.65 -19.32	87.07 5.32 -8.79	82.52 5.26 -4.30	77.37 4.72 0.01	76.33 3.98 0.01	79.36 3.92 -2.78
NYPA__HELLGATE_GT2 24159	61.48 2.93 0.00	56.84 3.01 0.00	56.56 2.74 0.01	56.04 2.57 0.01	55.95 2.56 0.01	57.65 2.59 0.00	78.29 3.65 -7.05	82.13 4.64 -5.06	81.94 4.49 -5.07	68.86 4.25 -0.20	67.96 4.21 0.01	65.56 3.95 0.01	64.87 3.73 0.01	64.05 3.74 0.01	61.24 3.52 0.01	68.02 3.97 0.01	77.73 5.08 0.01	89.49 5.72 -10.43	98.32 5.65 -19.32	87.07 5.32 -8.79	82.52 5.26 -4.30	77.37 4.72 0.01	76.33 3.98 0.01	79.36 3.92 -2.78
NYS_BARGE__HYD 23848	51.88 -6.68 0.00	48.66 -5.17 0.00	48.61 -5.22 0.00	48.67 -4.81 0.00	48.59 -4.81 0.00	50.71 -4.35 0.00	60.70 -6.90 0.00	63.67 -8.77 0.00	63.55 -8.83 0.00	55.64 -8.76 0.01	55.56 -8.16 0.04	54.03 -7.58 0.01	54.30 -6.85 0.00	53.44 -6.88 0.00	51.20 -6.52 0.00	56.69 -7.36 0.00	64.01 -8.65 0.00	67.41 -7.78 -1.85	68.34 -8.29 -3.28	65.47 -9.05 -1.57	65.19 -8.54 -0.77	64.66 -7.99 0.00	64.76 -7.60 0.00	67.28 -5.38 0.00

OAK ORCHARD___HYD 24046	54.69 -3.87 0.00	50.92 -2.91 0.00	50.92 -2.91 0.00	50.81 -2.67 0.00	50.78 -2.62 0.00	52.75 -2.31 0.00	64.01 -3.58 0.00	67.94 -4.49 0.00	67.89 -4.49 0.00	59.82 -4.57 0.01	59.44 -4.27 0.04	57.67 -3.95 0.01	57.60 -3.55 0.00	56.70 -3.62 0.00	54.26 -3.46 0.00	60.21 -3.84 0.00	68.22 -4.43 0.00	71.86 -3.01 -1.53	72.80 -3.30 -2.75	69.73 -4.52 -1.30	69.29 -4.30 -0.64	68.52 -4.14 0.00	68.24 -4.12 0.00	69.75 -2.91 0.00
OAKDALE___35_KV_LOAD 356122	57.33 -1.23 0.00	53.12 -0.70 0.00	53.13 -0.70 0.00	52.84 -0.64 0.00	52.75 -0.64 0.00	54.52 -0.55 0.00	70.10 -0.88 -3.38	73.93 -0.94 -2.44	73.82 -1.01 -2.45	63.34 -1.16 -0.10	62.66 -1.08 0.02	60.51 -1.11 0.00	60.23 -0.92 0.00	59.35 -0.97 0.00	56.86 -0.87 0.00	63.15 -0.90 0.00	71.86 -0.80 0.00	76.90 -0.51 -4.08	79.61 -0.51 -6.78	75.85 -0.58 -3.49	74.16 -0.51 -1.71	72.08 -0.58 0.00	71.57 -0.80 0.00	73.71 -0.29 -1.34
OCC_CHEM___DRP 24175	51.65 -6.91 0.00	48.55 -5.27 0.00	48.61 -5.22 0.00	48.56 -4.92 0.00	48.43 -4.97 0.00	50.22 -4.85 0.00	59.69 -7.91 0.00	62.37 -10.07 0.00	62.32 -10.06 0.00	54.86 -9.53 0.01	54.92 -8.80 0.04	53.17 -8.44 0.01	53.38 -7.77 0.00	52.66 -7.66 0.00	50.33 -7.39 0.00	55.85 -8.20 0.00	62.99 -9.66 0.00	66.51 -8.73 -1.90	67.55 -9.17 -3.38	64.20 -10.36 -1.61	63.75 -10.00 -0.79	63.50 -9.15 0.00	63.24 -9.12 0.00	66.26 -6.39 0.00
OH_GEN_PROXY 24063	51.88 -6.68 0.00	48.71 -5.11 0.00	48.66 -5.17 0.00	48.72 -4.76 0.00	48.64 -4.75 0.00	50.71 -4.35 0.00	60.64 -6.96 0.00	63.59 -8.84 0.00	63.48 -8.91 0.00	55.70 -8.70 0.01	55.62 -8.10 0.04	54.10 -7.52 0.01	54.36 -6.79 0.00	53.50 -6.82 0.00	51.20 -6.52 0.00	56.62 -7.43 0.00	63.94 -8.72 0.00	67.44 -7.78 -1.88	68.39 -8.29 -3.33	65.50 -9.05 -1.59	64.98 -8.76 -0.78	64.45 -8.21 0.00	64.55 -7.82 0.00	66.99 -5.67 0.00
OLIN_CORP_DRP 24177	51.24 -7.32 0.00	48.17 -5.65 0.00	48.23 -5.60 0.00	48.13 -5.35 0.00	48.05 -5.34 0.00	49.89 -5.18 0.00	59.62 -7.98 0.00	62.44 -10.00 0.00	62.32 -10.06 0.00	54.86 -9.53 0.01	54.86 -8.86 0.04	53.11 -8.50 0.01	53.32 -7.83 0.00	52.60 -7.72 0.00	50.28 -7.45 0.00	55.79 -8.26 0.00	62.99 -9.66 0.00	66.38 -8.87 -1.91	67.51 -9.24 -3.40	64.14 -10.43 -1.62	63.83 -9.92 -0.79	63.57 -9.08 0.00	63.24 -9.12 0.00	66.26 -6.39 0.00
OLIN_CORP_DSASP 323712	51.59 -6.97 0.00	48.49 -5.33 0.00	48.45 -5.38 0.00	48.45 -5.03 0.00	48.37 -5.02 0.00	50.38 -4.68 0.00	59.89 -7.71 0.00	62.58 -9.85 0.00	62.54 -9.84 0.00	54.86 -9.53 0.01	54.79 -8.93 0.04	53.30 -8.32 0.01	53.63 -7.52 0.00	52.77 -7.54 0.00	50.51 -7.22 0.00	55.85 -8.20 0.00	62.99 -9.66 0.00	66.58 -8.65 -1.90	67.46 -9.24 -3.36	64.49 -10.07 -1.61	64.05 -9.70 -0.79	63.57 -9.08 0.00	63.75 -8.61 0.00	66.33 -6.32 0.00
ONEIDA_HERK_LFGE 323681	59.90 1.35 0.00	55.06 1.24 0.00	55.07 1.24 0.00	54.71 1.23 0.00	54.67 1.28 0.00	56.66 1.60 0.00	69.76 2.16 0.00	75.12 2.68 0.00	75.06 2.68 0.00	66.59 2.19 0.00	65.60 1.85 0.01	63.54 1.91 0.00	63.11 1.96 0.00	62.12 1.81 0.00	59.45 1.73 0.00	66.10 2.05 0.00	74.83 2.18 0.00	75.87 2.49 -0.03	76.50 2.64 -0.52	75.43 2.48 0.00	75.44 2.48 0.00	74.98 2.32 0.00	74.68 2.31 0.00	74.91 2.25 0.00
ONEIDA___115KV_TB4 55905	59.73 1.17 0.00	55.06 1.24 0.00	55.12 1.29 0.00	54.71 1.23 0.00	54.73 1.33 0.00	56.66 1.60 0.00	69.76 2.16 0.00	75.77 3.33 0.00	75.64 3.26 0.00	66.98 2.58 0.00	66.10 2.36 0.02	63.90 2.28 0.00	63.60 2.45 0.00	62.55 2.23 0.00	59.86 2.14 0.00	66.61 2.56 0.00	74.84 2.18 0.00	75.98 2.57 -0.08	77.22 2.71 -1.16	75.36 2.41 0.00	75.37 2.41 0.00	74.84 2.18 0.00	74.39 2.03 0.00	74.84 2.18 0.00
ONONDAGA_REF_OCCRA 23987	56.80 -1.76 0.00	52.48 -1.35 0.00	52.48 -1.35 0.00	52.14 -1.34 0.00	52.11 -1.28 0.00	53.91 -1.16 0.00	66.11 -1.49 0.00	70.98 -1.45 0.00	70.93 -1.45 0.00	62.85 -1.55 0.00	62.21 -1.53 0.02	60.14 -1.48 0.00	59.80 -1.35 0.00	58.93 -1.39 0.00	56.45 -1.27 0.00	62.71 -1.35 0.00	71.13 -1.53 0.00	73.71 -1.03 -1.40	74.95 -0.95 -2.56	72.82 -1.31 -1.19	72.23 -1.31 -0.58	71.20 -1.45 0.00	70.70 -1.66 0.00	71.42 -1.24 0.00
ONONDAGA___COGEN 23986	56.57 -1.99 0.00	52.26 -1.56 0.00	52.27 -1.56 0.00	51.93 -1.55 0.00	51.90 -1.49 0.00	53.63 -1.43 0.00	65.84 -1.76 0.00	70.62 -1.81 0.00	70.50 -1.88 0.00	62.53 -1.87 0.00	61.90 -1.85 0.01	59.84 -1.79 0.00	59.50 -1.65 0.00	58.63 -1.69 0.00	56.16 -1.56 0.00	62.39 -1.67 0.00	70.77 -1.89 0.00	73.34 -1.32 -1.33	74.45 -1.32 -2.42	72.39 -1.68 -1.12	71.83 -1.68 -0.55	70.84 -1.82 0.00	70.41 -1.95 0.00	71.06 -1.60 0.00
ONTARIO___LFGE 23819	57.27 -1.29 0.00	53.12 -0.70 0.00	53.07 -0.75 0.00	52.84 -0.64 0.00	52.86 -0.53 0.00	54.90 -0.16 0.00	69.17 -0.13 -1.71	73.45 -0.22 -1.24	72.17 -0.22 0.00	63.44 -0.96 0.00	62.59 -1.15 0.02	60.51 -1.11 0.00	60.42 -0.73 0.00	59.53 -0.79 0.00	57.15 -0.58 0.00	63.73 -0.32 0.00	72.51 -0.15 0.00	76.01 0.52 -2.16	77.71 0.58 -3.78	75.44 0.66 -1.84	74.52 0.66 -0.90	73.02 0.37 0.00	72.65 0.29 0.00	74.14 0.80 -0.68
ORANGEVILLE_WT_PWR 323706	52.70 -5.86 0.00	49.36 -4.47 0.00	49.31 -4.52 0.00	49.20 -4.28 0.00	49.12 -4.27 0.00	51.21 -3.86 0.00	63.50 -5.88 -1.78	66.41 -7.31 -1.29	66.14 -7.53 -1.29	56.98 -7.47 -0.05	56.64 -7.08 0.03	54.96 -6.66 0.01	55.22 -5.93 0.00	54.41 -5.91 0.00	52.24 -5.48 0.00	57.96 -6.09 0.00	65.82 -6.83 0.00	69.23 -6.38 -2.28	70.74 -6.60 -3.99	68.39 -6.49 -1.93	67.85 -6.06 -0.95	66.92 -5.74 0.00	67.01 -5.35 0.00	69.66 -3.70 -0.71
ORANGEVILLE___ESR 323794	52.70 -5.86 0.00	49.36 -4.47 0.00	49.31 -4.52 0.00	49.20 -4.28 0.00	49.12 -4.27 0.00	51.21 -3.86 0.00	63.50 -5.88 -1.78	66.41 -7.31 -1.29	66.14 -7.53 -1.29	56.98 -7.47 -0.05	56.64 -7.08 0.03	54.96 -6.66 0.01	55.22 -5.93 0.00	54.41 -5.91 0.00	52.24 -5.48 0.00	57.96 -6.09 0.00	65.82 -6.83 0.00	69.23 -6.38 -2.28	70.74 -6.60 -3.99	68.39 -6.49 -1.93	67.85 -6.06 -0.95	66.92 -5.74 0.00	67.01 -5.35 0.00	69.66 -3.70 -0.71
OSWEGATCHIE___HYD 24044	59.32 0.76 0.00	54.10 0.27 0.00	54.10 0.27 0.00	53.80 0.32 0.00	53.71 0.32 0.00	55.67 0.61 0.00	68.41 0.81 0.00	73.16 0.72 0.00	73.11 0.72 0.00	65.11 0.71 0.00	64.33 0.57 0.00	62.24 0.62 0.00	61.89 0.74 0.00	60.92 0.60 0.00	58.30 0.58 0.00	64.76 0.71 0.00	72.58 -0.07 0.00	72.86 -0.51 -0.03	73.44 -0.36 -0.46	72.73 -0.22 0.00	73.18 0.22 0.00	73.17 0.51 0.00	73.37 1.01 0.00	73.31 0.65 0.00
OSWEGO___5 23606	56.10 -2.46 0.00	51.78 -2.05 0.00	51.73 -2.10 0.00	51.45 -2.03 0.00	51.42 -1.97 0.00	53.14 -1.93 0.00	65.17 -2.43 0.00	69.75 -2.68 0.00	69.71 -2.68 0.00	61.84 -2.58 -0.01	61.27 -2.55 -0.07	59.23 -2.40 -0.01	58.89 -2.26 0.00	58.02 -2.29 0.00	55.53 -2.19 0.00	61.68 -2.37 0.00	69.97 -2.69 0.00	71.15 -2.27 -0.09	72.39 -2.27 -1.32	70.40 -2.56 0.00	70.41 -2.56 0.00	70.04 -2.61 0.00	69.76 -2.60 0.00	70.26 -2.40 0.00

OSWEGO___6 23613	56.10 -2.46 0.00	51.78 -2.05 0.00	51.73 -2.10 0.00	51.45 -2.03 0.00	51.42 -1.97 0.00	53.14 -1.93 0.00	65.17 -2.43 0.00	69.75 -2.68 0.00	69.71 -2.68 0.00	61.84 -2.58 -0.01	61.27 -2.55 -0.07	59.23 -2.40 -0.01	58.89 -2.26 0.00	58.02 -2.29 0.00	55.53 -2.19 0.00	61.68 -2.37 0.00	69.97 -2.69 0.00	71.15 -2.27 -0.09	72.39 -2.27 -1.32	70.40 -2.56 0.00	70.41 -2.56 0.00	70.04 -2.61 0.00	69.76 -2.60 0.00	70.26 -2.40 0.00
OUTOKUMPU-AB___DRP 24206	52.41 -6.15 0.00	49.20 -4.63 0.00	49.25 -4.58 0.00	49.15 -4.33 0.00	49.12 -4.27 0.00	50.99 -4.07 0.00	60.90 -6.69 0.00	63.89 -8.55 0.00	63.77 -8.61 0.00	56.09 -8.31 0.01	56.07 -7.65 0.04	54.28 -7.33 0.01	54.48 -6.67 0.00	53.80 -6.51 0.00	51.43 -6.29 0.00	57.13 -6.92 0.00	64.52 -8.14 0.00	67.78 -7.48 -1.93	69.00 -7.77 -3.43	65.91 -8.68 -1.64	65.59 -8.17 -0.80	65.25 -7.41 0.00	64.91 -7.45 0.00	67.86 -4.80 0.00
OXBOW___BTM 323836	51.88 -6.68 0.00	48.66 -5.17 0.00	48.61 -5.22 0.00	48.67 -4.81 0.00	48.59 -4.81 0.00	50.66 -4.41 0.00	60.36 -7.23 0.00	63.23 -9.20 0.00	63.12 -9.27 0.00	55.32 -9.08 0.01	55.24 -8.48 0.04	53.73 -7.89 0.01	54.06 -7.09 0.00	53.20 -7.12 0.00	50.97 -6.75 0.00	56.36 -7.69 0.00	63.64 -9.01 0.00	67.03 -8.21 -1.91	68.00 -8.73 -3.39	65.16 -9.41 -1.62	64.78 -8.98 -0.79	64.23 -8.43 0.00	64.48 -7.89 0.00	66.99 -5.67 0.00
OXBOW____ 24026	51.88 -6.68 0.00	48.71 -5.11 0.00	48.82 -5.01 0.00	48.72 -4.76 0.00	48.64 -4.75 0.00	50.50 -4.57 0.00	60.16 -7.44 0.00	62.94 -9.49 0.00	62.90 -9.48 0.00	55.32 -9.08 0.01	55.37 -8.35 0.04	53.61 -8.01 0.01	53.81 -7.34 0.00	53.08 -7.24 0.00	50.80 -6.93 0.00	56.30 -7.75 0.00	63.57 -9.08 0.00	66.96 -8.29 -1.91	68.17 -8.58 -3.40	64.94 -9.63 -1.62	64.49 -9.27 -0.79	64.23 -8.43 0.00	63.90 -8.47 0.00	66.92 -5.74 0.00
OXY_CHEM_DSASP 323612	51.65 -6.91 0.00	48.55 -5.27 0.00	48.61 -5.22 0.00	48.56 -4.92 0.00	48.43 -4.97 0.00	50.22 -4.85 0.00	59.69 -7.91 0.00	62.37 -10.07 0.00	62.32 -10.06 0.00	54.86 -9.53 0.01	54.92 -8.80 0.04	53.17 -8.44 0.01	53.38 -7.77 0.00	52.66 -7.66 0.00	50.33 -7.39 0.00	55.85 -8.20 0.00	62.99 -9.66 0.00	66.51 -8.73 -1.90	67.55 -9.17 -3.38	64.20 -10.36 -1.61	63.75 -10.00 -0.79	63.50 -9.15 0.00	63.24 -9.12 0.00	66.26 -6.39 0.00
OZONE_PARK_ESR 323760	61.95 3.40 0.00	57.22 3.39 0.00	57.06 3.23 0.00	56.58 3.10 0.00	56.49 3.10 0.00	58.21 3.14 -0.01	78.91 4.26 -7.05	82.79 5.29 -5.07	82.60 5.14 -5.08	69.45 4.83 -0.21	68.41 4.65 0.00	66.12 4.50 0.00	65.43 4.28 0.00	64.60 4.28 0.00	61.82 4.10 0.00	68.53 4.48 0.00	78.40 5.74 0.00	90.15 6.38 -10.44	99.06 6.38 -19.33	87.73 5.98 -8.80	83.25 5.98 -4.31	78.11 5.45 0.00	77.07 4.70 0.00	80.09 4.65 -2.78
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	51.65 -6.91 0.00	48.55 -5.27 0.00	48.61 -5.22 0.00	48.56 -4.92 0.00	48.43 -4.97 0.00	50.22 -4.85 0.00	59.69 -7.91 0.00	62.37 -10.07 0.00	62.32 -10.06 0.00	54.86 -9.53 0.01	54.92 -8.80 0.04	53.17 -8.44 0.01	53.38 -7.77 0.00	52.66 -7.66 0.00	50.33 -7.39 0.00	55.85 -8.20 0.00	62.99 -9.66 0.00	66.51 -8.73 -1.90	67.55 -9.17 -3.38	64.20 -10.36 -1.61	63.75 -10.00 -0.79	63.50 -9.15 0.00	63.24 -9.12 0.00	66.26 -6.39 0.00
PACKARD__I15KV_DUPONT_I84 80571	51.65 -6.91 0.00	48.55 -5.27 0.00	48.61 -5.22 0.00	48.56 -4.92 0.00	48.43 -4.97 0.00	50.22 -4.85 0.00	59.69 -7.91 0.00	62.37 -10.07 0.00	62.32 -10.06 0.00	54.86 -9.53 0.01	54.92 -8.80 0.04	53.17 -8.44 0.01	53.38 -7.77 0.00	52.66 -7.66 0.00	50.33 -7.39 0.00	55.85 -8.20 0.00	62.99 -9.66 0.00	66.51 -8.73 -1.90	67.55 -9.17 -3.38	64.20 -10.36 -1.61	63.75 -10.00 -0.79	63.50 -9.15 0.00	63.24 -9.12 0.00	66.26 -6.39 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	61.54 2.99 0.00	56.84 3.01 0.00	56.57 2.75 0.00	56.10 2.62 0.00	56.01 2.62 0.00	57.72 2.64 -0.01	78.30 3.65 -7.05	82.13 4.64 -5.07	81.80 4.34 -5.08	68.80 4.19 -0.21	67.84 4.08 0.00	65.57 3.94 0.00	64.82 3.67 0.00	64.00 3.68 0.00	61.24 3.52 0.00	67.96 3.91 0.00	77.67 5.01 0.00	89.42 5.65 -10.44	98.25 5.57 -19.33	86.93 5.18 -8.80	82.45 5.18 -4.31	77.31 4.65 0.00	76.27 3.91 0.00	79.36 3.92 -2.78
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	61.95 3.40 0.00	57.22 3.39 0.00	56.95 3.12 0.00	56.42 2.94 0.00	56.33 2.94 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.57 5.07 -5.07	82.31 4.85 -5.08	69.19 4.57 -0.21	68.16 4.40 0.00	65.88 4.25 0.00	65.12 3.97 0.00	64.36 4.04 0.00	61.59 3.87 0.00	68.28 4.23 0.00	78.11 5.45 0.00	89.86 6.09 -10.44	98.69 6.01 -19.33	87.37 5.62 -8.80	82.89 5.62 -4.31	77.82 5.16 0.00	76.78 4.41 0.00	79.87 4.43 -2.78
PATROON__I15KV_TB1 80586	60.78 2.23 0.00	56.09 2.26 0.00	56.03 2.21 0.00	55.62 2.14 0.00	55.53 2.14 0.00	57.27 2.15 -0.06	117.99 2.43 -47.96	109.55 2.68 -34.43	109.57 2.68 -34.51	68.48 2.64 -1.43	66.44 2.68 0.00	64.15 2.53 0.00	63.53 2.38 0.00	62.73 2.41 0.00	60.03 2.31 0.00	66.23 2.18 0.00	75.64 2.98 0.00	106.77 3.01 -30.43	108.93 2.93 -32.65	102.97 2.85 -27.17	89.33 3.06 -13.31	75.64 2.98 0.00	75.04 2.68 0.00	95.14 3.12 -19.36
PATTRSNVILLE__SOLAR 323815	61.19 2.64 0.00	56.46 2.64 0.00	56.41 2.58 0.00	55.99 2.51 0.00	55.90 2.51 0.00	57.80 2.64 -0.09	151.63 3.45 -80.59	133.98 3.69 -57.86	134.06 3.69 -57.99	69.96 3.16 -2.40	66.82 3.06 0.00	64.46 2.84 0.00	63.84 2.69 0.00	63.03 2.72 0.00	60.26 2.54 0.00	67.00 2.95 0.00	76.50 3.85 0.00	122.14 4.25 -44.56	118.37 4.33 -40.70	117.34 4.16 -40.24	96.75 4.08 -19.70	76.65 3.99 0.00	76.05 3.69 0.00	108.40 3.78 -31.97
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	53.11 -5.45 0.00	49.73 -4.09 0.00	49.79 -4.04 0.00	49.68 -3.80 0.00	49.60 -3.79 0.00	51.60 -3.47 0.00	61.99 -5.61 0.00	65.41 -7.03 0.00	65.22 -7.17 0.00	57.38 -7.02 0.01	57.28 -6.44 0.04	55.52 -6.10 0.01	55.65 -5.50 0.00	54.95 -5.37 0.00	52.59 -5.14 0.00	58.41 -5.64 0.00	66.19 -6.47 0.00	67.59 -7.85 -2.10	69.07 -7.99 -3.72	68.02 -6.71 -1.78	67.49 -6.35 -0.87	66.92 -5.74 0.00	66.65 -5.72 0.00	69.17 -3.49 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	61.89 3.34 0.00	57.16 3.34 0.00	57.06 3.23 0.00	56.64 3.16 0.00	56.54 3.15 0.00	58.27 3.19 -0.01	79.11 4.26 -7.26	82.50 4.85 -5.21	82.38 4.78 -5.22	68.94 4.32 -0.22	68.03 4.27 0.00	65.69 4.07 0.00	65.00 3.85 0.00	64.18 3.86 0.00	61.47 3.75 0.00	68.15 4.10 0.00	78.11 5.45 0.00	89.95 6.01 -10.61	99.08 6.16 -19.57	87.66 5.76 -8.95	83.03 5.69 -4.38	77.96 5.30 0.00	77.14 4.78 0.00	80.32 4.80 -2.87
PEEKSKILL____ 23653	61.13 2.57 0.00	56.46 2.64 0.00	56.36 2.53 0.00	55.89 2.41 0.00	55.80 2.40 0.00	57.44 2.37 -0.01	77.89 3.31 -6.98	81.50 4.05 -5.01	81.38 3.98 -5.02	68.28 3.67 -0.21	67.39 3.63 0.00	65.07 3.45 0.00	64.33 3.18 0.00	63.57 3.25 0.00	60.78 3.06 0.00	67.44 3.39 0.00	77.09 4.43 0.00	88.65 4.99 -10.33	97.47 4.99 -19.13	86.40 4.74 -8.71	81.90 4.67 -4.27	76.87 4.21 0.00	76.05 3.69 0.00	79.04 3.63 -2.75

PGE MADISON___WINDPWR 24146	61.54 2.98 0.00	56.78 2.96 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.11 2.72 0.00	58.60 3.53 -0.01	77.04 4.60 -4.85	81.07 5.14 -3.49	80.80 4.92 -3.49	68.35 3.80 -0.14	67.25 3.50 0.01	64.70 3.08 0.00	64.39 3.24 0.00	63.27 2.95 0.00	60.61 2.88 0.00	67.89 3.84 0.00	77.82 5.16 0.00	84.61 6.46 -4.82	87.29 6.97 -6.98	83.85 6.71 -4.19	81.80 6.79 -2.05	78.97 6.32 0.00	78.44 6.08 0.00	80.75 6.17 -1.93
PIERCEFIELD___HYD 23852	59.49 0.94 0.00	54.04 0.22 0.00	53.99 0.16 0.00	53.80 0.32 0.00	53.61 0.21 0.00	55.45 0.39 0.00	68.00 0.41 0.00	72.36 -0.07 0.00	72.31 -0.07 0.00	64.60 0.19 0.00	64.01 0.26 0.00	62.00 0.37 0.00	61.64 0.49 0.00	60.68 0.36 0.00	58.07 0.35 0.00	64.37 0.32 0.00	71.64 -1.02 0.00	71.08 -2.27 -0.02	71.33 -2.27 -0.26	71.27 -1.68 0.00	71.94 -1.02 0.00	72.29 -0.36 0.00	73.01 0.65 0.00	72.73 0.07 0.00
PINELAWN_CC_1 323563	74.91 4.57 -11.78	70.29 4.46 -12.00	61.49 4.31 -3.35	63.95 4.17 -6.30	61.43 4.17 -3.87	69.51 4.24 -10.21	84.97 5.74 -11.63	125.07 6.81 -45.83	120.07 6.65 -41.03	94.13 5.99 -23.74	80.81 5.86 -11.18	68.00 5.55 -0.83	66.29 5.14 0.00	65.91 5.31 -0.28	70.67 5.14 -7.81	79.78 5.70 -10.03	113.60 7.19 -33.75	122.96 7.77 -41.86	118.55 7.70 -37.50	113.32 7.59 -32.79	111.24 7.30 -30.99	98.71 6.91 -19.15	97.91 6.29 -19.26	88.49 6.17 -9.66
PJM_GEN_HTP_PROXY 323702	61.48 2.93 0.00	56.78 2.96 0.00	56.68 2.85 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.72 2.64 -0.01	78.37 3.72 -7.05	82.14 4.64 -5.06	81.95 4.49 -5.08	68.86 4.25 -0.21	67.90 4.14 0.00	65.57 3.95 0.00	64.82 3.67 0.00	64.06 3.74 0.00	61.24 3.52 0.00	67.96 3.91 0.00	77.67 5.01 0.00	89.34 5.57 -10.43	98.24 5.57 -19.33	87.01 5.26 -8.80	82.53 5.26 -4.31	77.38 4.72 0.00	76.48 4.12 0.00	79.43 3.99 -2.78
PJM_GEN_KEystone 24065	45.29 -1.46 11.81	43.40 -0.81 9.62	42.10 -0.86 10.86	42.60 -0.80 10.08	43.20 -0.80 9.39	46.90 -0.72 7.45	61.40 -1.15 5.05	62.15 -1.30 8.98	59.94 -1.52 10.92	62.22 -1.55 0.64	62.40 -1.34 0.02	59.00 -1.17 1.45	57.70 -1.10 2.35	57.80 -1.03 1.49	54.80 -0.98 1.94	54.61 -1.09 8.35	56.00 -1.02 15.64	57.97 -0.81 14.56	67.65 -0.96 4.74	57.74 -0.95 14.26	52.87 -0.87 19.22	51.71 -0.95 20.00	47.68 -1.16 23.52	48.00 -0.51 24.15
PJM_GEN_NEPTUNE_PROXY 323594	68.32 3.51 -6.25	63.69 3.50 -6.37	59.00 3.39 -1.78	60.09 3.26 -3.34	58.70 3.26 -2.05	63.74 3.25 -5.42	81.47 4.39 -9.48	104.42 5.28 -26.71	101.69 5.14 -24.17	81.87 4.77 -12.70	74.35 4.65 -5.94	66.51 4.44 -0.44	65.25 4.10 0.00	64.69 4.22 -0.15	65.91 4.04 -4.15	73.86 4.48 -5.32	96.24 5.67 -17.92	106.62 6.16 -27.12	108.49 6.16 -28.98	100.40 5.91 -21.54	97.36 5.84 -18.56	88.20 5.38 -10.17	87.43 4.85 -10.22	83.81 4.72 -6.43
PJM_GEN_VFT_PROXY 323633	61.13 2.57 0.00	56.57 2.74 0.00	56.41 2.58 0.00	55.94 2.46 0.00	55.85 2.46 0.00	57.39 2.31 -0.01	77.96 3.31 -7.05	81.70 4.20 -5.07	81.51 4.05 -5.08	68.54 3.93 -0.21	67.52 3.76 0.00	65.20 3.57 0.00	64.45 3.30 0.00	63.69 3.38 0.00	60.90 3.17 0.00	67.63 3.58 0.01	58.36 4.65 18.95	67.61 5.21 10.93	73.54 5.21 5.01	65.24 4.89 12.60	61.12 4.81 16.66	61.56 4.36 15.46	58.36 3.69 17.69	63.41 3.56 12.81
PLATSBURG_115KV_PMLD1 355749	57.91 -0.64 0.00	52.59 -1.24 0.00	52.59 -1.24 0.00	52.41 -1.07 0.00	52.22 -1.17 0.00	53.96 -1.10 0.00	65.77 -1.83 0.00	70.33 -2.10 0.00	70.21 -2.17 0.00	62.47 -1.93 0.00	61.97 -1.79 0.00	60.15 -1.48 0.00	59.87 -1.28 0.00	58.87 -1.45 0.00	56.28 -1.44 0.00	62.51 -1.54 0.00	70.62 -2.03 0.00	70.77 -2.57 0.00	70.78 -2.57 0.00	71.20 -1.75 0.00	71.43 -1.53 0.00	71.42 -1.24 0.00	71.93 -0.43 0.00	72.37 -0.29 0.00
PLEASANTVLY___LBMP 24000	61.13 2.58 0.00	56.46 2.64 0.00	56.36 2.53 0.00	55.94 2.46 0.00	55.85 2.46 0.00	57.50 2.42 -0.01	78.36 3.31 -7.45	81.69 3.91 -5.35	81.58 3.84 -5.36	68.23 3.61 -0.22	67.27 3.51 0.00	65.01 3.39 0.00	64.33 3.18 0.00	63.51 3.20 0.00	60.78 3.06 0.00	67.38 3.33 0.00	76.94 4.29 0.00	89.01 4.77 -10.91	98.28 4.77 -20.16	86.60 4.45 -9.20	81.92 4.45 -4.51	76.73 4.07 0.00	75.91 3.55 0.00	79.15 3.56 -2.93
PLSNTVLE_13_KV_13.8KVDIST 80602	61.43 2.87 0.00	56.73 2.91 0.00	56.63 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.77 2.70 -0.01	78.34 3.65 -7.10	82.02 4.49 -5.10	81.83 4.34 -5.11	68.67 4.06 -0.21	67.71 3.95 0.00	65.45 3.82 0.00	64.70 3.55 0.00	63.87 3.56 0.00	61.13 3.41 0.00	67.77 3.71 0.00	77.45 4.80 0.00	89.20 5.35 -10.51	98.17 5.35 -19.47	86.85 5.03 -8.86	82.33 5.03 -4.34	77.23 4.58 0.00	76.34 3.98 0.00	79.38 3.92 -2.80
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	61.43 2.87 0.00	56.73 2.91 0.00	56.63 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.77 2.70 -0.01	78.34 3.65 -7.10	82.02 4.49 -5.10	81.83 4.34 -5.11	68.67 4.06 -0.21	67.71 3.95 0.00	65.45 3.82 0.00	64.70 3.55 0.00	63.87 3.56 0.00	61.13 3.41 0.00	67.77 3.71 0.00	77.45 4.80 0.00	89.20 5.35 -10.51	98.17 5.35 -19.47	86.85 5.03 -8.86	82.33 5.03 -4.34	77.23 4.58 0.00	76.34 3.98 0.00	79.38 3.92 -2.80
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	61.54 2.99 0.00	56.84 3.01 0.00	56.73 2.91 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.94 2.86 -0.01	79.43 3.92 -7.91	82.60 4.49 -5.68	82.49 4.42 -5.69	68.63 3.99 -0.24	67.65 3.89 0.00	65.32 3.70 0.00	64.64 3.49 0.00	63.81 3.50 0.00	61.13 3.41 0.00	67.83 3.78 0.00	77.45 4.80 0.00	89.66 5.35 -10.97	98.68 5.43 -19.91	87.34 5.11 -9.28	82.61 5.11 -4.54	77.38 4.72 0.00	76.49 4.12 0.00	80.06 4.29 -3.12
POLETTI___ 23519	61.48 2.93 0.00	56.78 2.96 0.00	56.63 2.80 0.00	56.15 2.67 0.00	56.06 2.67 0.00	57.72 2.64 -0.01	78.23 3.58 -7.05	81.99 4.49 -5.07	81.80 4.34 -5.08	68.80 4.19 -0.21	67.78 4.02 0.00	65.51 3.88 0.00	64.76 3.61 0.00	64.00 3.68 0.00	61.24 3.52 0.00	67.89 3.84 0.00	77.60 4.94 0.00	89.27 5.50 -10.44	98.18 5.50 -19.33	86.86 5.11 -8.80	82.38 5.11 -4.31	77.31 4.65 0.00	76.34 3.98 0.00	79.36 3.92 -2.78
POMONA___ESR 323819	60.90 2.34 0.00	56.25 2.42 0.00	56.14 2.31 0.00	55.67 2.19 0.00	55.58 2.19 0.00	57.22 2.15 -0.01	77.42 3.04 -6.77	81.06 3.76 -4.86	80.95 3.69 -4.88	68.02 3.41 -0.20	67.14 3.38 0.00	64.83 3.20 0.00	64.08 2.94 0.00	63.27 2.95 0.00	60.55 2.83 0.00	67.19 3.14 0.00	76.80 4.14 0.00	88.02 4.62 -10.06	96.69 4.70 -18.64	85.81 4.38 -8.48	81.49 4.38 -4.15	76.58 3.92 0.00	75.76 3.40 0.00	78.67 3.34 -2.67
PORT_JEFF_3 23555	75.31 4.97 -11.78	70.72 4.90 -12.00	61.86 4.68 -3.35	64.38 4.60 -6.30	61.80 4.54 -3.87	69.95 4.68 -10.21	85.45 6.21 -11.63	125.65 7.39 -45.83	120.65 7.24 -41.03	94.58 6.44 -23.74	81.19 6.25 -11.18	68.43 5.98 -0.83	66.66 5.51 0.00	66.39 5.79 -0.28	71.02 5.49 -7.81	80.17 6.09 -10.03	114.18 7.78 -33.75	123.56 8.36 -41.86	119.07 8.21 -37.51	113.63 7.88 -32.79	111.84 7.81 -31.07	99.07 7.26 -19.15	98.27 6.65 -19.26	88.86 6.54 -9.66

PORT_JEFF_4 23616	75.55 5.21 -11.78	70.94 5.12 -12.00	62.02 4.85 -3.35	64.53 4.76 -6.30	61.96 4.70 -3.87	70.17 4.90 -10.21	85.79 6.55 -11.63	125.94 7.67 -45.83	121.01 7.60 -41.03	94.84 6.70 -23.74	81.51 6.57 -11.18	68.68 6.22 -0.83	66.90 5.75 0.00	66.63 6.03 -0.28	71.31 5.77 -7.81	80.48 6.40 -10.03	114.61 8.21 -33.75	124.00 8.80 -41.86	119.51 8.65 -37.51	114.20 8.46 -32.79	112.19 8.17 -31.06	99.50 7.70 -19.15	98.71 7.10 -19.26	89.23 6.91 -9.66
PORT_JEFF_IC 23713	75.49 5.15 -11.78	70.88 5.06 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.65 -3.87	70.17 4.90 -10.21	85.65 6.42 -11.63	125.87 7.61 -45.83	120.87 7.46 -41.03	94.84 6.70 -23.74	81.45 6.50 -11.18	68.68 6.22 -0.83	67.14 5.99 0.00	66.63 6.03 -0.28	71.31 5.77 -7.81	80.42 6.34 -10.03	114.54 8.14 -33.75	123.93 8.73 -41.86	119.52 8.65 -37.51	114.06 8.32 -32.79	112.49 8.46 -31.06	99.43 7.63 -19.15	98.57 6.95 -19.26	89.15 6.83 -9.66
PPL PILGRIM_ST_GT1 24216	75.43 5.09 -11.78	70.83 5.01 -12.00	61.97 4.79 -3.35	64.43 4.65 -6.30	61.91 4.64 -3.87	70.06 4.79 -10.21	85.66 6.43 -11.63	125.72 7.46 -45.83	120.72 7.31 -41.03	94.64 6.50 -23.74	81.32 6.38 -11.18	68.56 6.10 -0.83	66.84 5.69 0.00	66.51 5.91 -0.28	71.20 5.66 -7.81	80.36 6.28 -10.03	114.25 7.85 -33.75	123.56 8.36 -41.86	119.14 8.29 -37.51	113.62 7.88 -32.79	111.97 7.95 -31.05	99.29 7.49 -19.15	98.50 6.88 -19.26	89.08 6.76 -9.66
PPL PILGRIM_ST_GT2 24217	75.43 5.09 -11.78	70.83 5.01 -12.00	61.97 4.79 -3.35	64.43 4.65 -6.30	61.91 4.64 -3.87	70.06 4.79 -10.21	85.66 6.43 -11.63	125.72 7.46 -45.83	120.72 7.31 -41.03	94.64 6.50 -23.74	81.32 6.38 -11.18	68.56 6.10 -0.83	66.84 5.69 0.00	66.51 5.91 -0.28	71.20 5.66 -7.81	80.36 6.28 -10.03	114.25 7.85 -33.75	123.56 8.36 -41.86	119.14 8.29 -37.51	113.62 7.88 -32.79	111.97 7.95 -31.05	99.29 7.49 -19.15	98.50 6.88 -19.26	89.08 6.76 -9.66
PPL_SHRM_GT3 24213	75.43 5.09 -11.78	70.88 5.06 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.12 4.85 -10.21	85.66 6.43 -11.63	125.87 7.60 -45.83	120.87 7.46 -41.03	94.71 6.57 -23.74	81.26 6.31 -11.18	68.43 5.98 -0.83	66.66 5.51 0.00	66.45 5.85 -0.28	71.08 5.54 -7.81	80.29 6.21 -10.03	114.39 7.99 -33.75	123.70 8.50 -41.86	119.07 8.21 -37.51	113.63 7.88 -32.79	111.84 7.81 -31.07	99.00 7.19 -19.15	98.20 6.58 -19.26	88.86 6.54 -9.66
PPL_SHRM_GT4 24214	75.43 5.09 -11.78	70.88 5.06 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.12 4.85 -10.21	85.66 6.43 -11.63	125.87 7.60 -45.83	120.87 7.46 -41.03	94.71 6.57 -23.74	81.26 6.31 -11.18	68.43 5.98 -0.83	66.66 5.51 0.00	66.45 5.85 -0.28	71.08 5.54 -7.81	80.29 6.21 -10.03	114.39 7.99 -33.75	123.70 8.50 -41.86	119.07 8.21 -37.51	113.63 7.88 -32.79	111.84 7.81 -31.07	99.00 7.19 -19.15	98.20 6.58 -19.26	88.86 6.54 -9.66
PROJECT___ORANGE 1 24174	56.51 -2.05 0.00	52.21 -1.61 0.00	52.21 -1.61 0.00	51.88 -1.60 0.00	51.84 -1.55 0.00	53.63 -1.43 0.00	65.77 -1.83 0.00	70.55 -1.88 0.00	70.50 -1.88 0.00	62.53 -1.87 0.01	61.88 -1.85 0.03	59.83 -1.79 0.01	59.50 -1.65 0.00	58.63 -1.69 0.00	56.16 -1.56 0.00	62.39 -1.67 0.00	70.69 -1.96 0.00	72.05 -1.39 -0.11	73.59 -1.39 -1.64	71.13 -1.82 0.00	71.14 -1.82 0.00	70.69 -1.96 0.00	70.26 -2.10 0.00	70.99 -1.67 0.00
PROJECT___ORANGE 2 24166	56.51 -2.05 0.00	52.21 -1.61 0.00	52.21 -1.61 0.00	51.88 -1.60 0.00	51.84 -1.55 0.00	53.63 -1.43 0.00	65.77 -1.83 0.00	70.55 -1.88 0.00	70.50 -1.88 0.00	62.53 -1.87 0.01	61.88 -1.85 0.03	59.83 -1.79 0.01	59.50 -1.65 0.00	58.63 -1.69 0.00	56.16 -1.56 0.00	62.39 -1.67 0.00	70.69 -1.96 0.00	72.05 -1.39 -0.11	73.59 -1.39 -1.64	71.13 -1.82 0.00	71.14 -1.82 0.00	70.69 -1.96 0.00	70.26 -2.10 0.00	70.99 -1.67 0.00
PUCKETT___SOLAR 323809	58.62 0.06 0.00	54.25 0.43 0.00	54.26 0.43 0.00	53.91 0.43 0.00	53.87 0.48 0.00	55.73 0.66 0.00	72.58 0.88 -4.10	76.33 0.94 -2.95	76.14 0.80 -2.96	64.78 0.26 -0.12	63.87 0.13 0.02	61.62 0.00 0.00	61.27 0.12 0.00	60.38 0.06 0.00	57.84 0.12 0.00	64.44 0.39 0.00	73.53 0.88 0.00	79.35 1.47 -4.54	82.01 1.54 -7.12	78.40 1.53 -3.91	76.41 1.53 -1.92	74.03 1.38 0.00	73.59 1.23 0.00	75.88 1.60 -1.63
PYRITES___HYD 24023	60.55 1.99 0.00	54.95 1.13 0.00	54.96 1.13 0.00	54.71 1.23 0.00	54.51 1.12 0.00	56.50 1.43 0.00	69.35 1.76 0.00	73.74 1.30 0.00	73.68 1.30 0.00	65.69 1.29 0.00	64.97 1.21 0.00	62.92 1.29 0.00	62.56 1.41 0.00	61.58 1.27 0.00	58.99 1.27 0.00	65.52 1.47 0.00	73.17 0.51 0.00	72.69 -0.66 -0.02	72.93 -0.66 -0.24	72.95 0.00 0.00	73.47 0.51 0.00	73.67 1.02 0.00	74.39 2.03 0.00	74.04 1.38 0.00
QUAKERRD_115KV_BK1 80622	53.99 -4.57 0.00	50.16 -3.66 0.00	50.22 -3.61 0.00	50.00 -3.48 0.00	49.98 -3.42 0.00	51.76 -3.30 0.00	62.93 -4.66 0.00	67.00 -5.43 0.00	66.95 -5.43 0.01	59.18 -5.22 0.04	58.80 -4.91 0.04	56.87 -4.75 0.01	56.75 -4.40 0.00	55.91 -4.40 0.00	53.45 -4.27 0.00	59.44 -4.61 0.00	67.28 -5.38 0.00	70.61 -4.18 -1.46	71.66 -4.33 -2.64	68.64 -5.54 -1.23	68.17 -5.40 -0.60	67.57 -5.09 0.00	67.01 -5.35 0.00	68.52 -4.14 0.00
QUEENSBRY_115KV_TB8 356137	63.42 4.86 0.00	58.40 4.58 0.00	58.30 4.47 0.00	57.81 4.33 0.00	57.72 4.32 0.00	59.94 4.79 -0.09	149.64 6.02 -76.03	133.53 6.52 -54.58	133.60 6.51 -54.71	72.40 5.73 -2.27	69.31 5.55 0.00	66.62 4.99 0.00	65.92 4.77 0.00	65.20 4.89 0.00	62.23 4.50 0.00	69.24 5.19 0.00	79.12 6.47 0.00	122.69 6.97 -42.39	119.50 7.04 -39.11	118.06 6.86 -38.25	98.48 6.79 -18.73	79.41 6.76 0.00	78.73 6.37 0.00	109.32 6.68 -29.98
RAMAPO___LBMP 323565	60.72 2.17 0.00	56.09 2.26 0.00	55.98 2.15 0.00	55.57 2.09 0.00	55.47 2.08 0.00	57.11 2.04 -0.01	77.18 2.84 -6.75	80.83 3.55 -4.84	80.71 3.47 -4.86	67.83 3.22 -0.20	66.95 3.19 0.00	64.65 3.02 0.00	63.96 2.81 0.00	63.15 2.83 0.00	60.44 2.71 0.00	67.00 2.95 0.00	76.58 3.92 0.00	87.76 4.40 -10.02	96.33 4.40 -18.58	85.56 4.16 -8.45	81.26 4.16 -4.14	76.36 3.71 0.00	75.47 3.11 0.00	78.44 3.12 -2.66
RANKINE____ 23646	52.76 -5.80 0.00	49.46 -4.36 0.00	49.52 -4.31 0.00	49.42 -4.06 0.00	49.33 -4.06 0.00	51.32 -3.74 0.00	61.51 -6.08 0.00	64.68 -7.75 0.00	64.56 -7.82 0.00	56.80 -7.60 0.01	56.71 -7.01 0.04	54.96 -6.66 0.01	55.16 -5.99 0.00	54.47 -5.85 0.00	52.12 -5.60 0.00	57.84 -6.21 0.00	65.46 -7.19 0.00	68.27 -7.11 -2.05	69.64 -7.33 -3.63	67.17 -7.51 -1.74	66.73 -7.08 -0.85	66.26 -6.39 0.00	65.92 -6.44 0.00	68.73 -3.92 0.00
RAVENSWOOD_GT2_1 24244	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	78.37 3.72 -7.05	82.13 4.64 -5.07	81.95 4.49 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.41 4.05 0.00	79.43 4.00 -2.78



RAVENSWOOD_GT2_2 24245	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	78.37 3.72 -7.05	82.13 4.64 -5.07	81.95 4.49 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.41 4.05 0.00	79.43 4.00 -2.78
RAVENSWOOD_GT2_3 24246	61.54 2.99 0.00	56.89 3.07 0.00	56.68 2.85 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.83 2.75 -0.01	78.44 3.79 -7.05	82.21 4.71 -5.07	82.02 4.56 -5.08	68.93 4.32 -0.21	67.97 4.21 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.82 5.16 0.00	89.49 5.72 -10.44	98.40 5.72 -19.33	87.08 5.33 -8.80	82.60 5.33 -4.31	77.45 4.80 0.00	76.49 4.12 0.00	79.51 4.07 -2.78
RAVENSWOOD_GT2_4 24247	61.54 2.99 0.00	56.89 3.07 0.00	56.68 2.85 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.83 2.75 -0.01	78.44 3.79 -7.05	82.21 4.71 -5.07	82.02 4.56 -5.08	68.93 4.32 -0.21	67.97 4.21 0.00	65.69 4.07 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.82 5.16 0.00	89.49 5.72 -10.44	98.40 5.72 -19.33	87.08 5.33 -8.80	82.60 5.33 -4.31	77.45 4.80 0.00	76.49 4.12 0.00	79.51 4.07 -2.78
RAVENSWOOD_GT3_1 24248	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	78.37 3.72 -7.05	82.13 4.64 -5.07	82.02 4.56 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.49 4.12 0.00	79.43 4.00 -2.78
RAVENSWOOD_GT3_2 24249	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	78.37 3.72 -7.05	82.13 4.64 -5.07	82.02 4.56 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.49 5.72 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.49 4.12 0.00	79.43 4.00 -2.78
RAVENSWOOD_GT3_3 24250	61.60 3.04 0.00	56.89 3.07 0.00	56.73 2.91 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.88 2.81 -0.01	78.50 3.85 -7.05	82.28 4.78 -5.07	82.09 4.63 -5.08	69.06 4.44 -0.21	68.03 4.27 0.00	65.75 4.13 0.00	65.00 3.85 0.00	64.18 3.86 0.00	61.42 3.69 0.00	68.09 4.04 0.00	77.89 5.23 0.00	89.57 5.79 -10.44	98.47 5.79 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.52 4.87 0.00	76.56 4.20 0.00	79.58 4.14 -2.78
RAVENSWOOD_GT3_4 24251	61.60 3.04 0.00	56.89 3.07 0.00	56.73 2.91 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.88 2.81 -0.01	78.50 3.85 -7.05	82.28 4.78 -5.07	82.09 4.63 -5.08	69.06 4.44 -0.21	68.03 4.27 0.00	65.75 4.13 0.00	65.00 3.85 0.00	64.18 3.86 0.00	61.42 3.69 0.00	68.09 4.04 0.00	77.89 5.23 0.00	89.57 5.79 -10.44	98.47 5.79 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.52 4.87 0.00	76.56 4.20 0.00	79.58 4.14 -2.78
RAVENSWOOD_GT_1 23729	61.84 3.28 0.00	57.05 3.23 0.00	56.84 3.01 0.00	56.37 2.89 0.00	56.28 2.88 0.00	57.99 2.92 -0.01	78.64 3.99 -7.05	82.50 5.00 -5.07	82.24 4.78 -5.08	69.19 4.57 -0.21	68.16 4.40 0.00	65.88 4.25 0.00	65.19 4.04 0.00	64.36 4.04 0.00	61.59 3.87 0.00	68.28 4.23 0.00	78.11 5.45 0.00	89.79 6.01 -10.44	98.69 6.01 -19.33	87.30 5.54 -8.80	82.82 5.55 -4.31	77.74 5.09 0.00	76.63 4.27 0.00	79.65 4.21 -2.78
RAVENSWOOD_GT_10 24258	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	78.37 3.72 -7.05	82.13 4.64 -5.07	81.95 4.49 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.41 4.05 0.00	79.43 4.00 -2.78
RAVENSWOOD_GT_11 24259	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	78.37 3.72 -7.05	82.13 4.64 -5.07	81.95 4.49 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.41 4.05 0.00	79.43 4.00 -2.78
RAVENSWOOD_GT_4 24252	61.48 2.93 0.00	56.78 2.96 0.00	56.63 2.80 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.06 4.56 -5.07	81.95 4.49 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.88 3.73 0.00	64.06 3.74 0.00	61.30 3.58 0.00	67.96 3.91 0.00	77.67 5.01 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.41 4.05 0.00	79.43 4.00 -2.78
RAVENSWOOD_GT_5 24254	61.48 2.93 0.00	56.78 2.96 0.00	56.63 2.80 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.06 4.56 -5.07	81.95 4.49 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.88 3.73 0.00	64.06 3.74 0.00	61.30 3.58 0.00	67.96 3.91 0.00	77.67 5.01 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.41 4.05 0.00	79.43 4.00 -2.78
RAVENSWOOD_GT_6 24253	61.48 2.93 0.00	56.78 2.96 0.00	56.63 2.80 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.06 4.56 -5.07	81.95 4.49 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.88 3.73 0.00	64.06 3.74 0.00	61.30 3.58 0.00	67.96 3.91 0.00	77.67 5.01 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.41 4.05 0.00	79.43 4.00 -2.78
RAVENSWOOD_GT_7 24255	61.48 2.93 0.00	56.78 2.96 0.00	56.63 2.80 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.77 2.70 -0.01	78.37 3.72 -7.05	82.06 4.56 -5.07	81.95 4.49 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.88 3.73 0.00	64.06 3.74 0.00	61.30 3.58 0.00	67.96 3.91 0.00	77.67 5.01 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.41 4.05 0.00	79.43 4.00 -2.78
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	78.37 3.72 -7.05	82.13 4.64 -5.07	81.95 4.49 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.41 4.05 0.00	79.43 4.00 -2.78

RAVENSWOOD_GT_9 24257	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.12 2.72 0.00	57.83 2.75 -0.01	78.37 3.72 -7.05	82.13 4.64 -5.07	81.95 4.49 -5.08	68.93 4.32 -0.21	67.90 4.14 0.00	65.63 4.01 0.00	64.94 3.79 0.00	64.12 3.80 0.00	61.36 3.64 0.00	68.02 3.97 0.00	77.74 5.09 0.00	89.42 5.65 -10.44	98.33 5.65 -19.33	87.00 5.25 -8.80	82.52 5.25 -4.31	77.45 4.80 0.00	76.41 4.05 0.00	79.43 4.00 -2.78
RAVENSWOOD___1 23533	61.83 3.28 0.00	57.11 3.28 0.00	56.89 3.07 0.00	56.37 2.89 0.00	56.27 2.88 0.00	57.94 2.86 -0.01	78.71 4.06 -7.05	82.49 4.99 -5.07	82.24 4.78 -5.08	69.12 4.51 -0.21	68.15 4.40 0.00	65.82 4.19 0.00	65.07 3.92 0.00	64.30 3.98 0.00	61.47 3.75 0.00	68.28 4.23 0.00	78.03 5.38 0.00	89.79 6.01 -10.44	98.61 5.94 -19.33	87.37 5.62 -8.80	82.81 5.54 -4.31	77.74 5.08 0.00	76.70 4.34 0.00	79.65 4.21 -2.78
RAVENSWOOD___2 23534	61.83 3.28 0.00	57.11 3.28 0.00	56.89 3.07 0.00	56.37 2.89 0.00	56.27 2.88 0.00	57.94 2.86 -0.01	78.71 4.06 -7.05	82.49 4.99 -5.07	82.24 4.78 -5.08	69.12 4.51 -0.21	68.15 4.40 0.00	65.82 4.19 0.00	65.07 3.92 0.00	64.30 3.98 0.00	61.47 3.75 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.79 6.01 -10.44	98.61 5.94 -19.33	87.37 5.62 -8.80	82.81 5.54 -4.31	77.67 5.01 0.00	76.63 4.27 0.00	79.65 4.21 -2.78
RAVENSWOOD___3 23535	61.54 2.98 0.00	56.84 3.01 0.00	56.73 2.90 0.00	56.21 2.73 0.00	56.11 2.72 0.00	57.77 2.70 -0.01	78.43 3.78 -7.05	82.20 4.71 -5.07	82.02 4.56 -5.08	68.93 4.32 -0.21	67.97 4.21 0.00	65.63 4.00 0.00	64.88 3.73 0.00	64.12 3.80 0.00	61.30 3.58 0.00	68.02 3.97 0.00	77.74 5.08 0.00	89.50 5.72 -10.44	98.32 5.65 -19.33	87.07 5.32 -8.80	82.59 5.32 -4.31	77.45 4.79 0.00	76.48 4.12 0.00	79.50 4.07 -2.78
RAVENSWOOD___4 23820	61.83 3.28 0.00	57.05 3.23 0.00	56.89 3.07 0.00	56.37 2.89 0.00	56.27 2.88 0.00	57.94 2.86 -0.01	78.71 4.06 -7.05	82.49 4.99 -5.07	82.24 4.78 -5.08	69.12 4.51 -0.21	68.15 4.40 0.00	65.82 4.19 0.00	65.07 3.92 0.00	64.30 3.98 0.00	61.47 3.75 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.61 5.94 -19.33	87.29 5.54 -8.80	82.81 5.54 -4.31	77.67 5.01 0.00	76.63 4.27 0.00	79.58 4.14 -2.78
RCPL_TRUST___DRP 24196	61.54 2.99 0.00	56.84 3.01 0.00	56.68 2.85 0.00	56.26 2.78 0.00	56.17 2.78 0.00	57.88 2.81 -0.01	78.44 3.79 -7.05	82.21 4.71 -5.06	82.09 4.63 -5.08	68.99 4.38 -0.21	67.97 4.21 0.00	65.69 4.07 0.00	65.00 3.85 0.00	64.18 3.86 0.00	61.42 3.69 0.00	68.09 4.04 0.00	77.82 5.16 0.00	89.49 5.72 -10.43	98.40 5.72 -19.33	87.08 5.33 -8.80	82.60 5.33 -4.31	77.52 4.87 0.00	76.49 4.12 0.00	79.51 4.07 -2.78
RED___ROCHESTER 323720	55.05 -3.51 0.00	51.24 -2.58 0.00	51.19 -2.64 0.00	51.13 -2.35 0.00	51.10 -2.29 0.00	53.14 -1.93 0.00	64.49 -3.11 0.00	68.52 -3.91 0.00	68.47 -3.91 0.00	60.27 -4.12 0.01	59.95 -3.76 0.04	58.11 -3.51 0.01	58.09 -3.06 0.00	57.18 -3.14 0.00	54.72 -3.00 0.00	60.72 -3.33 0.00	68.80 -3.85 0.00	72.44 -2.42 -1.53	73.38 -2.71 -2.74	70.38 -3.87 -1.29	69.88 -3.72 -0.63	69.17 -3.49 0.00	68.82 -3.54 0.00	70.33 -2.33 0.00
REGAN___SOLAR 323812	63.36 4.80 0.00	58.40 4.57 0.00	58.24 4.41 0.00	57.81 4.33 0.00	57.71 4.32 0.00	60.00 4.85 -0.09	149.21 6.29 -75.33	133.03 6.52 -54.08	133.03 6.44 -54.20	72.06 5.41 -2.25	68.92 5.16 0.00	66.31 4.68 0.00	65.61 4.46 0.00	64.84 4.53 0.00	61.93 4.21 0.00	69.05 5.00 0.00	79.20 6.54 0.00	122.51 7.19 -41.99	120.86 7.33 -40.18	117.98 7.22 -37.80	98.55 7.08 -18.51	79.63 6.98 0.00	78.95 6.58 0.00	109.22 6.68 -29.88
RENSSELAER___COGEN 23796	60.55 1.99 0.00	55.82 1.99 0.00	55.82 1.99 0.00	55.40 1.92 0.00	55.31 1.92 0.00	56.98 1.87 -0.04	104.91 1.96 -35.36	100.07 2.25 -25.38	99.99 2.17 -25.44	67.65 2.19 -1.05	65.99 2.23 0.00	63.72 2.10 0.00	63.11 1.96 0.00	62.30 1.99 0.00	59.62 1.90 0.00	65.78 1.73 0.00	75.27 2.61 0.00	101.78 2.57 -25.88	106.02 2.50 -30.18	98.39 2.48 -22.96	86.83 2.62 -11.24	75.20 2.54 0.00	74.75 2.38 0.00	90.74 2.76 -15.33
REPUBLIC_115KV_BARTNBRK 55605	65.99 7.44 0.00	60.77 6.94 0.00	60.50 6.67 0.00	59.95 6.47 0.00	59.85 6.46 0.00	62.48 7.32 -0.09	152.42 9.19 -75.63	136.58 9.85 -54.30	136.65 9.84 -54.43	75.16 8.50 -2.26	71.98 8.22 0.00	69.14 7.52 0.00	68.37 7.22 0.00	67.61 7.30 0.00	64.48 6.75 0.00	71.93 7.88 0.00	82.54 9.88 0.00	126.02 10.49 -42.20	122.99 10.64 -39.01	121.53 10.51 -38.08	101.82 10.21 -18.65	82.83 10.17 0.00	82.06 9.70 0.00	112.57 10.10 -29.81
REVERE_CPPR_DRP 24186	60.37 1.82 0.00	55.60 1.78 0.00	55.66 1.83 0.00	55.24 1.76 0.00	55.26 1.87 0.00	57.27 2.20 0.00	70.57 2.97 0.00	76.42 3.98 0.00	76.36 3.98 0.00	67.62 3.22 0.00	66.74 3.00 0.01	64.46 2.83 0.00	64.15 3.00 0.00	63.09 2.77 0.00	60.38 2.66 0.00	67.19 3.14 0.00	75.71 3.05 0.00	76.92 3.52 -0.06	77.98 3.67 -0.97	76.31 3.36 0.00	76.32 3.36 0.00	75.78 3.12 0.00	75.33 2.97 0.00	75.64 2.98 0.00
REYNOLDS_115KV_TB3 80639	61.07 2.52 0.00	56.35 2.53 0.00	56.30 2.48 0.00	55.89 2.41 0.00	55.79 2.40 0.00	57.54 2.42 -0.05	116.72 2.97 -46.15	108.90 3.33 -33.13	108.92 3.33 -33.21	68.87 3.09 -1.38	66.88 3.12 0.00	64.58 2.96 0.00	63.96 2.81 0.00	63.15 2.83 0.00	60.44 2.71 0.00	66.87 2.82 0.00	75.93 3.27 0.00	104.71 3.30 -28.08	107.90 3.23 -31.33	101.08 3.14 -24.99	88.48 3.28 -12.24	75.85 3.20 0.00	75.26 2.89 0.00	93.15 3.20 -17.29
RIVERBAY____ 323610	61.95 3.40 0.00	57.22 3.39 0.00	56.95 3.12 0.00	56.42 2.94 0.00	56.33 2.94 0.00	58.05 2.97 -0.01	78.77 4.12 -7.05	82.57 5.07 -5.07	82.31 4.85 -5.08	69.19 4.57 -0.21	68.16 4.40 0.00	65.88 4.25 0.00	65.12 3.97 0.00	64.36 4.04 0.00	61.59 3.87 0.00	68.28 4.23 0.00	78.11 5.45 0.00	89.86 6.09 -10.44	98.69 6.01 -19.33	87.37 5.62 -8.80	82.89 5.62 -4.31	77.82 5.16 0.00	76.78 4.41 0.00	79.87 4.43 -2.78
RIVERSDE_115KV_TB3 55908	60.78 2.23 0.00	56.09 2.26 0.00	56.03 2.21 0.00	55.62 2.14 0.00	55.53 2.14 0.00	57.26 2.15 -0.05	111.95 2.43 -41.92	105.28 2.75 -30.10	105.22 2.68 -30.17	68.30 2.64 -1.25	66.44 2.68 0.00	64.15 2.53 0.00	63.53 2.38 0.00	62.73 2.41 0.00	60.03 2.31 0.00	66.29 2.24 0.00	75.64 2.98 0.00	104.67 3.01 -28.33	107.77 2.93 -31.49	101.10 2.92 -25.23	88.38 3.06 -12.35	75.64 2.98 0.00	75.04 2.68 0.00	93.22 3.05 -17.51
ROARING___BROOK_WT_PWR 323790	57.32 -1.23 0.00	52.48 -1.34 0.00	52.54 -1.29 0.00	52.20 -1.28 0.00	52.11 -1.28 0.00	53.74 -1.32 0.00	65.97 -1.62 0.00	70.63 -1.81 0.00	70.64 -1.74 0.00	62.93 -1.48 0.00	62.29 -1.46 0.00	60.21 -1.41 0.00	59.75 -1.40 0.00	58.93 -1.38 0.00	56.40 -1.33 0.00	62.58 -1.47 0.00	70.84 -1.81 0.00	71.28 -2.05 0.00	71.37 -1.98 0.00	71.28 -1.67 0.00	71.36 -1.61 0.00	71.27 -1.38 0.00	71.20 -1.16 0.00	71.49 -1.17 0.00

ROCHESRG_115KV_T4 355643	54.46 -4.10 0.00	50.76 -3.07 0.00	50.81 -3.01 0.00	50.59 -2.89 0.00	50.56 -2.83 0.00	52.42 -2.64 0.00	63.54 -4.06 0.00	67.44 -5.00 0.00	67.39 -4.99 0.00	59.50 -4.89 0.01	59.19 -4.53 0.05	57.24 -4.38 0.01	57.17 -3.97 0.00	56.34 -3.98 0.00	53.91 -3.81 0.00	59.89 -4.16 0.00	67.79 -4.87 0.00	71.33 -3.52 -1.52	72.35 -3.74 -2.74	69.13 -5.11 -1.29	68.70 -4.89 -0.63	68.08 -4.58 0.00	67.59 -4.78 0.00	69.39 -3.27 0.00
ROCHESTER_9_IC 23652	54.75 -3.81 0.00	51.03 -2.80 0.00	51.08 -2.75 0.00	50.91 -2.57 0.00	50.88 -2.51 0.00	52.75 -2.31 0.00	63.95 -3.65 0.00	67.94 -4.49 0.00	67.89 -4.49 0.00	59.95 -4.44 0.01	59.63 -4.08 0.04	57.67 -3.94 0.01	57.60 -3.55 0.00	56.76 -3.56 0.00	54.26 -3.46 0.00	60.34 -3.71 0.00	68.30 -4.36 0.00	71.93 -2.93 -1.53	72.95 -3.15 -2.76	69.72 -4.52 -1.29	69.22 -4.38 -0.63	68.66 -4.00 0.00	68.02 -4.34 0.00	69.82 -2.83 0.00
ROCKVIEW_13_KV_LD 356306	61.60 3.04 0.00	56.89 3.07 0.00	56.73 2.91 0.00	56.31 2.83 0.00	56.22 2.83 0.00	57.94 2.86 -0.01	78.50 3.85 -7.05	82.28 4.78 -5.07	82.09 4.63 -5.08	68.99 4.38 -0.21	68.03 4.27 0.00	65.69 4.07 0.00	65.00 3.85 0.00	64.18 3.86 0.00	61.42 3.69 0.00	68.09 4.04 0.00	77.82 5.16 0.00	89.49 5.72 -10.44	98.47 5.79 -19.33	87.15 5.40 -8.80	82.67 5.40 -4.31	77.60 4.94 0.00	76.63 4.27 0.00	79.65 4.21 -2.78
ROME____115KV_TB2 80656	60.37 1.82 0.00	55.60 1.78 0.00	55.66 1.83 0.00	55.24 1.76 0.00	55.26 1.87 0.00	57.27 2.20 0.00	70.57 2.97 0.00	76.42 3.98 0.00	76.36 3.98 0.00	67.62 3.22 0.00	66.74 3.00 0.01	64.46 2.83 0.00	64.15 3.00 0.00	63.09 2.77 0.00	60.38 2.66 0.00	67.19 3.14 0.00	75.71 3.05 0.00	76.92 3.52 -0.06	77.98 3.67 -0.97	76.31 3.36 0.00	76.32 3.36 0.00	75.78 3.12 0.00	75.33 2.97 0.00	75.64 2.98 0.00
ROSETON___1 23587	60.96 2.40 0.00	56.30 2.48 0.00	56.25 2.42 0.00	55.78 2.30 0.00	55.69 2.29 0.00	57.33 2.26 -0.01	77.55 3.11 -6.84	81.11 3.76 -4.91	80.99 3.69 -4.92	68.02 3.41 -0.20	67.07 3.31 0.00	64.77 3.14 0.00	64.08 2.94 0.00	63.27 2.95 0.00	60.55 2.83 0.00	67.19 3.14 0.00	76.72 4.07 0.00	88.22 4.55 -10.34	97.17 4.55 -19.27	85.97 4.30 -8.71	81.53 4.30 -4.27	76.50 3.85 0.00	75.76 3.40 0.00	78.77 3.42 -2.70
ROSETON___2 23588	60.96 2.40 0.00	56.30 2.48 0.00	56.25 2.42 0.00	55.78 2.30 0.00	55.69 2.29 0.00	57.33 2.26 -0.01	77.55 3.11 -6.84	81.11 3.76 -4.91	80.99 3.69 -4.92	68.02 3.41 -0.20	67.07 3.31 0.00	64.77 3.14 0.00	64.08 2.94 0.00	63.27 2.95 0.00	60.55 2.83 0.00	67.19 3.14 0.00	76.72 4.07 0.00	88.22 4.55 -10.34	97.17 4.55 -19.27	85.97 4.30 -8.71	81.53 4.30 -4.27	76.50 3.85 0.00	75.76 3.40 0.00	78.77 3.42 -2.70
ROTRRDAM_115KV_TB3 80664	60.67 2.11 0.00	55.92 2.10 0.00	55.87 2.05 0.00	55.46 1.98 0.00	55.37 1.98 0.00	57.20 2.04 -0.10	152.84 2.64 -82.61	134.64 2.90 -59.31	134.72 2.90 -59.44	69.44 2.58 -2.46	66.25 2.49 0.00	63.97 2.34 0.00	63.35 2.20 0.00	62.61 2.29 0.00	59.86 2.14 0.00	66.42 2.37 0.00	75.71 3.05 0.00	122.25 3.37 -45.54	117.69 3.45 -40.90	117.41 3.28 -41.17	96.41 3.28 -20.16	75.78 3.12 0.00	75.18 2.82 0.00	108.33 2.91 -32.77
RUSSELL___1 23602	55.04 -3.51 0.00	51.29 -2.53 0.00	51.35 -2.48 0.00	51.13 -2.35 0.00	51.15 -2.24 0.00	53.03 -2.04 0.00	64.35 -3.24 0.00	68.38 -4.06 0.00	68.33 -4.05 0.00	60.34 -4.06 0.01	60.02 -3.70 0.04	58.04 -3.57 0.01	57.97 -3.18 0.00	57.06 -3.26 0.00	54.61 -3.12 0.00	60.72 -3.33 0.00	68.81 -3.85 0.00	72.37 -2.49 -1.53	73.46 -2.64 -2.76	70.16 -4.09 -1.29	69.73 -3.87 -0.63	69.10 -3.56 0.00	68.45 -3.91 0.00	70.26 -2.40 0.00
RUSSELL___2 23532	55.04 -3.51 0.00	51.29 -2.53 0.00	51.35 -2.48 0.00	51.13 -2.35 0.00	51.15 -2.24 0.00	53.03 -2.04 0.00	64.35 -3.24 0.00	68.38 -4.06 0.00	68.33 -4.05 0.00	60.34 -4.06 0.01	60.02 -3.70 0.04	58.04 -3.57 0.01	57.97 -3.18 0.00	57.06 -3.26 0.00	54.61 -3.12 0.00	60.72 -3.33 0.00	68.81 -3.85 0.00	72.37 -2.49 -1.53	73.46 -2.64 -2.76	70.16 -4.09 -1.29	69.73 -3.87 -0.63	69.10 -3.56 0.00	68.45 -3.91 0.00	70.26 -2.40 0.00
RUSSELL___3 23549	55.04 -3.51 0.00	51.29 -2.53 0.00	51.35 -2.48 0.00	51.13 -2.35 0.00	51.15 -2.24 0.00	53.03 -2.04 0.00	64.35 -3.24 0.00	68.38 -4.06 0.00	68.33 -4.05 0.00	60.34 -4.06 0.01	60.02 -3.70 0.04	58.04 -3.57 0.01	57.97 -3.18 0.00	57.06 -3.26 0.00	54.61 -3.12 0.00	60.72 -3.33 0.00	68.81 -3.85 0.00	72.37 -2.49 -1.53	73.46 -2.64 -2.76	70.16 -4.09 -1.29	69.73 -3.87 -0.63	69.10 -3.56 0.00	68.45 -3.91 0.00	70.26 -2.40 0.00
RUSSELL___4 23556	55.04 -3.51 0.00	51.29 -2.53 0.00	51.35 -2.48 0.00	51.13 -2.35 0.00	51.15 -2.24 0.00	53.03 -2.04 0.00	64.35 -3.24 0.00	68.38 -4.06 0.00	68.33 -4.05 0.00	60.34 -4.06 0.01	60.02 -3.70 0.04	58.04 -3.57 0.01	57.97 -3.18 0.00	57.06 -3.26 0.00	54.61 -3.12 0.00	60.72 -3.33 0.00	68.81 -3.85 0.00	72.37 -2.49 -1.53	73.46 -2.64 -2.76	70.16 -4.09 -1.29	69.73 -3.87 -0.63	69.10 -3.56 0.00	68.45 -3.91 0.00	70.26 -2.40 0.00
RUSSELL___STATION 23914	55.04 -3.51 0.00	51.29 -2.53 0.00	51.35 -2.48 0.00	51.13 -2.35 0.00	51.15 -2.24 0.00	53.03 -2.04 0.00	64.35 -3.24 0.00	68.38 -4.06 0.00	68.33 -4.05 0.00	60.34 -4.06 0.01	60.02 -3.70 0.04	58.04 -3.57 0.01	57.97 -3.18 0.00	57.06 -3.26 0.00	54.61 -3.12 0.00	60.72 -3.33 0.00	68.81 -3.85 0.00	72.37 -2.49 -1.53	73.46 -2.64 -2.76	70.16 -4.09 -1.29	69.73 -3.87 -0.63	69.10 -3.56 0.00	68.45 -3.91 0.00	70.26 -2.40 0.00
S SALMON___HYD 24043	57.32 -1.23 0.00	52.80 -1.02 0.00	52.80 -1.02 0.00	52.52 -0.96 0.00	52.48 -0.91 0.00	54.41 -0.66 0.00	66.65 -0.95 0.00	71.57 -0.87 0.00	71.52 -0.87 0.00	63.31 -1.10 0.00	62.55 -1.21 0.00	60.64 -0.99 0.00	60.35 -0.80 0.00	59.41 -0.90 0.00	56.91 -0.81 0.00	63.29 -0.77 0.00	71.64 -1.02 0.00	72.98 -0.44 -0.09	74.27 -0.36 -1.29	72.22 -0.73 0.00	72.23 -0.73 0.00	71.86 -0.80 0.00	71.64 -0.72 0.00	72.07 -0.58 0.00
S.PERRY__115KV_TB1 80734	54.17 -4.39 0.00	50.49 -3.34 0.00	50.60 -3.23 0.00	50.32 -3.16 0.00	50.35 -3.04 0.00	52.31 -2.75 0.00	63.61 -3.99 0.00	68.95 -4.71 -1.22	67.39 -4.99 0.00	59.25 -5.15 0.01	58.69 -5.04 0.04	56.63 -4.99 0.01	56.69 -4.46 0.00	55.85 -4.46 0.00	53.62 -4.10 0.00	59.89 -4.16 0.00	68.30 -4.36 0.00	72.49 -3.01 -2.16	74.20 -2.93 -3.79	70.84 -3.94 -1.83	70.21 -3.65 -0.90	69.24 -3.41 0.00	68.53 -3.84 0.00	70.26 -2.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	52.41 -6.15 0.00	49.20 -4.63 0.00	49.25 -4.58 0.00	49.15 -4.33 0.00	49.07 -4.32 0.00	50.94 -4.13 0.00	60.97 -6.62 0.00	64.03 -8.40 0.00	63.91 -8.47 0.00	56.22 -8.18 0.01	56.20 -7.52 0.04	54.47 -7.15 0.01	54.61 -6.54 0.00	53.92 -6.39 0.00	51.60 -6.12 0.00	57.26 -6.79 0.00	64.66 -7.99 0.00	67.97 -7.33 -1.96	69.21 -7.63 -3.49	66.15 -8.46 -1.67	65.75 -8.03 -0.82	65.32 -7.34 0.00	65.05 -7.31 0.00	67.93 -4.72 0.00

SAWYER___23_KV_LOAD 55526	52.41 -6.15 0.00	49.20 -4.63 0.00	49.25 -4.58 0.00	49.15 -4.33 0.00	49.07 -4.32 0.00	50.94 -4.13 0.00	60.97 -6.62 0.00	64.03 -8.40 0.00	63.91 -8.47 0.00	56.22 -8.18 0.01	56.20 -7.52 0.04	54.47 -7.15 0.01	54.61 -6.54 0.00	53.92 -6.39 0.00	51.60 -6.12 0.00	57.26 -6.79 0.00	64.66 -7.99 0.00	67.97 -7.33 -1.96	69.21 -7.63 -3.49	66.15 -8.46 -1.67	65.75 -8.03 -0.82	65.32 -7.34 0.00	65.05 -7.31 0.00	67.93 -4.72 0.00
SELKIRK___I 23801	62.54 3.98 0.00	57.70 3.88 0.00	57.65 3.82 0.00	57.17 3.69 0.00	57.02 3.63 0.00	58.95 3.85 -0.03	99.41 3.92 -27.90	96.44 3.98 -20.03	96.15 3.69 -20.08	68.39 3.16 -0.83	67.07 3.31 0.00	64.64 3.02 0.00	64.02 2.87 0.00	63.33 3.01 0.00	60.67 2.94 0.00	67.25 3.20 0.00	75.42 2.76 0.00	96.93 2.79 -20.80	103.51 2.79 -27.38	93.91 2.70 -18.25	84.74 2.84 -8.94	75.49 2.83 0.00	75.04 2.68 0.00	86.41 2.91 -10.85
SELKIRK___II 23799	60.49 1.93 0.00	55.82 1.99 0.00	55.82 1.99 0.00	55.40 1.92 0.00	55.31 1.92 0.00	56.97 1.87 -0.03	97.18 2.10 -27.48	94.55 2.39 -19.73	94.40 2.25 -19.78	67.42 2.19 -0.82	65.99 2.23 0.00	63.72 2.10 0.00	63.11 1.96 0.00	62.30 1.99 0.00	59.62 1.90 0.00	65.97 1.92 0.00	75.27 2.61 0.00	97.82 2.64 -21.85	103.98 2.57 -28.07	94.72 2.55 -19.21	84.99 2.62 -9.41	75.20 2.54 0.00	74.68 2.31 0.00	86.98 2.61 -11.71
SENECA OSWGO___HYD 24041	56.27 -2.28 0.00	51.94 -1.89 0.00	51.94 -1.89 0.00	51.66 -1.82 0.00	51.58 -1.82 0.00	53.36 -1.71 0.00	65.50 -2.10 0.00	70.19 -2.25 0.00	70.14 -2.24 0.00	62.22 -2.19 0.00	61.53 -2.23 -0.01	59.53 -2.10 0.00	59.19 -1.96 0.00	58.38 -1.93 0.00	55.87 -1.85 0.00	62.06 -1.99 0.00	70.48 -2.18 0.00	71.75 -1.68 -0.10	73.11 -1.68 -1.45	70.91 -2.04 0.00	70.92 -2.04 0.00	70.48 -2.18 0.00	70.12 -2.24 0.00	70.70 -1.96 0.00
SENECA___115KV_TB3 355854	52.88 -5.68 0.00	49.57 -4.25 0.00	49.63 -4.20 0.00	49.52 -3.96 0.00	49.44 -3.95 0.00	51.38 -3.69 0.00	61.65 -5.95 0.00	64.83 -7.61 0.00	64.64 -7.74 0.00	56.86 -7.54 0.01	56.83 -6.89 0.04	55.02 -6.59 0.01	55.22 -5.93 0.00	54.53 -5.79 0.00	52.18 -5.54 0.00	57.97 -6.08 0.00	65.61 -7.05 0.00	68.41 -6.97 -2.05	69.78 -7.19 -3.63	67.25 -7.44 -1.74	66.81 -7.00 -0.85	66.41 -6.25 0.00	66.07 -6.30 0.00	68.88 -3.78 0.00
SENECA___ENERGY 23797	56.74 -1.82 0.00	52.53 -1.29 0.00	52.54 -1.29 0.00	52.25 -1.23 0.00	52.22 -1.17 0.00	54.18 -0.88 0.00	66.58 -1.01 0.00	71.27 -1.16 0.00	71.22 -1.16 0.00	62.86 -1.55 0.00	62.08 -1.66 0.02	60.02 -1.60 0.00	59.86 -1.29 0.00	58.93 -1.38 0.00	56.51 -1.21 0.00	62.90 -1.15 0.00	71.49 -1.17 0.00	74.60 -0.51 -1.78	76.05 -0.44 -3.14	73.80 -0.66 -1.51	73.04 -0.66 -0.74	71.79 -0.87 0.00	71.42 -0.94 0.00	72.07 -0.58 0.00
SHOEMAKER___GT 23640	60.55 1.99 0.00	55.87 2.04 0.00	55.87 2.04 0.00	55.40 1.92 0.00	55.31 1.92 0.00	56.95 1.87 -0.01	76.70 2.71 -6.40	80.21 3.18 -4.59	80.10 3.11 -4.60	67.36 2.77 -0.19	66.44 2.68 0.00	64.15 2.53 0.00	63.47 2.32 0.00	62.67 2.35 0.00	60.03 2.31 0.00	66.68 2.63 0.00	76.07 3.42 0.00	86.82 3.96 -9.53	94.97 3.96 -17.67	84.78 3.79 -8.04	80.62 3.72 -3.94	76.00 3.34 0.00	75.26 2.90 0.00	78.16 2.98 -2.53
SHOEMAKR_138KV_BK 111 55601	60.49 1.93 0.00	55.87 2.05 0.00	55.82 1.99 0.00	55.35 1.87 0.00	55.26 1.87 0.00	56.95 1.87 -0.01	76.58 2.64 -6.35	80.11 3.11 -4.56	79.99 3.04 -4.57	67.36 2.77 -0.19	66.44 2.68 0.00	64.21 2.59 0.00	63.53 2.38 0.00	62.73 2.41 0.00	60.09 2.37 0.00	66.61 2.56 0.00	76.07 3.41 0.00	86.69 3.89 -9.47	94.86 3.96 -17.55	84.58 3.65 -7.98	80.52 3.65 -3.91	75.93 3.27 0.00	75.18 2.82 0.00	78.07 2.91 -2.51
SHOREHAM_IC_1 23715	75.43 5.09 -11.78	70.88 5.06 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.12 4.85 -10.21	85.66 6.43 -11.63	125.87 7.60 -45.83	120.87 7.46 -41.03	94.71 6.57 -23.74	81.26 6.31 -11.18	68.43 5.98 -0.83	66.66 5.51 0.00	66.45 5.85 -0.28	71.08 5.54 -7.81	80.29 6.21 -10.03	114.39 7.99 -33.75	123.70 8.50 -41.86	119.07 8.21 -37.51	113.63 7.88 -32.79	111.84 7.81 -31.07	99.00 7.19 -19.15	98.20 6.58 -19.26	88.86 6.54 -9.66
SHOREHAM_IC_2 23716	75.43 5.09 -11.78	70.88 5.06 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.12 4.85 -10.21	85.66 6.43 -11.63	125.87 7.60 -45.83	120.87 7.46 -41.03	94.71 6.57 -23.74	81.26 6.31 -11.18	68.43 5.98 -0.83	66.66 5.51 0.00	66.45 5.85 -0.28	71.08 5.54 -7.81	80.29 6.21 -10.03	114.39 7.99 -33.75	123.70 8.50 -41.86	119.07 8.21 -37.51	113.63 7.88 -32.79	111.84 7.81 -31.07	99.00 7.19 -19.15	98.20 6.58 -19.26	88.86 6.54 -9.66
SISSONVILLE___ 23735	59.49 0.94 0.00	54.04 0.22 0.00	53.99 0.16 0.00	53.80 0.32 0.00	53.61 0.21 0.00	55.45 0.39 0.00	68.00 0.41 0.00	72.36 -0.07 0.00	72.31 -0.07 0.00	64.60 0.19 0.00	64.01 0.26 0.00	62.00 0.37 0.00	61.64 0.49 0.00	60.68 0.36 0.00	58.07 0.35 0.00	64.37 0.32 0.00	71.64 -1.02 0.00	71.08 -2.27 -0.02	71.33 -2.27 -0.26	71.27 -1.68 0.00	71.94 -1.02 0.00	72.29 -0.36 0.00	73.01 0.65 0.00	72.73 0.07 0.00
SITHE_IND_GS1 24169	55.63 -2.93 0.00	51.30 -2.53 0.00	51.30 -2.53 0.00	51.02 -2.46 0.00	50.94 -2.46 0.00	52.64 -2.42 0.00	64.56 -3.04 0.00	69.10 -3.33 0.00	69.05 -3.33 0.00	61.27 -3.09 0.04	60.50 -3.06 0.20	58.63 -2.96 0.04	58.34 -2.81 0.00	57.48 -2.83 0.00	55.07 -2.65 0.00	61.11 -2.95 0.00	69.32 -3.34 0.00	70.48 -2.94 -0.08	71.60 -2.94 -1.19	69.74 -3.21 0.00	69.75 -3.21 0.00	69.39 -3.27 0.00	69.11 -3.25 0.00	69.61 -3.05 0.00
SITHE_IND_GS2 24170	55.63 -2.93 0.00	51.30 -2.53 0.00	51.30 -2.53 0.00	51.02 -2.46 0.00	50.94 -2.46 0.00	52.64 -2.42 0.00	64.56 -3.04 0.00	69.10 -3.33 0.00	69.05 -3.33 0.00	61.27 -3.09 0.04	60.50 -3.06 0.20	58.63 -2.96 0.04	58.34 -2.81 0.00	57.48 -2.83 0.00	55.07 -2.65 0.00	61.11 -2.95 0.00	69.32 -3.34 0.00	70.48 -2.94 -0.08	71.60 -2.94 -1.19	69.74 -3.21 0.00	69.75 -3.21 0.00	69.39 -3.27 0.00	69.11 -3.25 0.00	69.61 -3.05 0.00
SITHE_IND_GS3 24171	55.63 -2.93 0.00	51.30 -2.53 0.00	51.30 -2.53 0.00	51.02 -2.46 0.00	50.94 -2.46 0.00	52.64 -2.42 0.00	64.56 -3.04 0.00	69.10 -3.33 0.00	69.05 -3.33 0.00	61.27 -3.09 0.04	60.50 -3.06 0.20	58.63 -2.96 0.04	58.34 -2.81 0.00	57.48 -2.83 0.00	55.07 -2.65 0.00	61.11 -2.95 0.00	69.32 -3.34 0.00	70.48 -2.94 -0.08	71.60 -2.94 -1.19	69.74 -3.21 0.00	69.75 -3.21 0.00	69.39 -3.27 0.00	69.11 -3.25 0.00	69.61 -3.05 0.00
SITHE_IND_GS4 24172	55.63 -2.93 0.00	51.30 -2.53 0.00	51.30 -2.53 0.00	51.02 -2.46 0.00	50.94 -2.46 0.00	52.64 -2.42 0.00	64.56 -3.04 0.00	69.10 -3.33 0.00	69.05 -3.33 0.00	61.27 -3.09 0.04	60.50 -3.06 0.20	58.63 -2.96 0.04	58.34 -2.81 0.00	57.48 -2.83 0.00	55.07 -2.65 0.00	61.11 -2.95 0.00	69.32 -3.34 0.00	70.48 -2.94 -0.08	71.60 -2.94 -1.19	69.74 -3.21 0.00	69.75 -3.21 0.00	69.39 -3.27 0.00	69.11 -3.25 0.00	69.61 -3.05 0.00

SITHE___BATAVIA 24024	53.93 -4.63 0.00	50.49 -3.34 0.00	50.49 -3.34 0.00	50.49 -2.99 0.00	50.46 -2.94 0.00	52.64 -2.42 0.00	63.41 -4.19 0.00	66.93 -5.51 0.00	66.81 -5.57 0.00	58.54 -5.86 0.01	58.30 -5.42 0.04	56.56 -5.05 0.01	56.75 -4.40 0.00	55.79 -4.52 0.00	53.45 -4.27 0.00	59.31 -4.74 0.00	67.21 -5.45 0.00	70.83 -4.26 -1.75	71.77 -4.70 -3.12	68.74 -5.69 -1.48	68.43 -5.25 -0.73	67.86 -4.80 0.00	67.66 -4.70 0.00	69.82 -2.83 0.00
SITHE___INDEPEND 23800	55.63 -2.93 0.00	51.29 -2.53 0.00	51.30 -2.53 0.00	51.02 -2.46 0.00	50.94 -2.46 0.00	52.64 -2.42 0.00	64.49 -3.11 0.00	69.10 -3.33 0.00	69.05 -3.33 0.00	61.27 -3.09 0.04	60.50 -3.06 0.20	58.63 -2.96 0.04	58.34 -2.81 0.00	57.48 -2.83 0.00	55.01 -2.71 0.00	61.10 -2.95 0.00	69.31 -3.34 0.00	70.41 -3.01 -0.08	71.54 -3.01 -1.20	69.67 -3.28 0.00	69.68 -3.28 0.00	69.39 -3.27 0.00	68.96 -3.40 0.00	69.53 -3.12 0.00
SITHE___MASSENA 23902	59.38 0.82 0.00	53.99 0.16 0.00	53.99 0.16 0.00	53.75 0.27 0.00	53.61 0.21 0.00	55.34 0.28 0.00	67.80 0.20 0.00	72.07 -0.36 0.00	72.02 -0.36 0.00	64.47 0.06 0.00	63.89 0.13 0.00	61.87 0.25 0.00	61.46 0.31 0.00	60.56 0.24 0.00	58.01 0.29 0.00	64.37 0.32 0.00	72.00 -0.66 0.00	71.87 -1.47 0.00	71.88 -1.47 0.00	72.00 -0.95 0.00	72.16 -0.80 0.00	72.22 -0.43 0.00	72.51 0.15 0.00	72.44 -0.22 0.00
SITHE___OGDNSBRG 24021	60.43 1.87 0.00	54.85 1.02 0.00	54.85 1.02 0.00	54.60 1.12 0.00	54.46 1.07 0.00	56.39 1.32 0.00	69.15 1.55 0.00	73.52 1.09 0.00	73.47 1.09 0.00	65.50 1.09 0.00	64.78 1.02 0.00	62.73 1.11 0.00	62.37 1.22 0.00	61.40 1.09 0.00	58.82 1.10 0.00	65.40 1.35 0.00	73.09 0.44 0.00	72.75 -0.59 0.00	72.83 -0.51 0.00	73.10 0.15 0.00	73.40 0.44 0.00	73.53 0.87 0.00	74.17 1.81 0.00	73.82 1.16 0.00
SITHE___STERLING 23777	59.73 1.17 0.00	55.06 1.24 0.00	55.07 1.24 0.00	54.71 1.23 0.00	54.73 1.34 0.00	56.72 1.65 0.00	69.82 2.23 0.00	75.77 3.33 0.00	75.71 3.33 0.00	67.04 2.64 0.00	66.10 2.36 0.02	63.90 2.28 0.00	63.60 2.45 0.00	62.61 2.29 0.00	59.86 2.14 0.00	66.68 2.63 0.00	74.91 2.25 0.00	76.04 2.64 -0.07	77.05 2.72 -0.99	75.43 2.48 0.00	75.37 2.40 0.00	74.91 2.25 0.00	74.46 2.10 0.00	74.83 2.18 0.00
SLEIGHT__34_KV_TB1 80719	55.45 -3.10 0.00	51.51 -2.31 0.00	51.51 -2.31 0.00	51.29 -2.19 0.00	51.31 -2.08 0.00	53.14 -1.93 0.00	64.89 -2.70 0.00	69.25 -3.19 0.00	69.12 -3.26 0.00	61.11 -3.28 0.01	60.66 -3.06 0.04	58.66 -2.96 0.01	58.46 -2.69 0.00	57.60 -2.71 0.00	55.13 -2.60 0.00	61.30 -2.75 0.00	69.46 -3.20 0.00	72.77 -2.05 -1.49	73.90 -2.13 -2.68	71.00 -3.21 -1.26	70.51 -3.06 -0.62	69.68 -2.98 0.00	69.11 -3.26 0.00	70.40 -2.25 0.00
SOUTH CAIRO___GT 23612	63.24 4.68 0.00	58.24 4.41 0.00	58.24 4.41 0.00	57.81 4.33 0.00	57.72 4.32 0.00	59.56 4.46 -0.03	97.31 4.46 -25.25	94.98 4.42 -18.13	94.68 4.13 -18.17	68.57 3.41 -0.75	67.71 3.95 0.00	65.26 3.64 0.00	64.57 3.42 0.00	63.87 3.56 0.00	61.42 3.69 0.00	68.09 4.04 0.00	77.96 5.30 0.00	98.33 4.84 -20.16	104.83 4.99 -26.49	95.46 4.81 -17.69	86.44 4.82 -8.66	78.18 5.52 0.00	77.57 5.21 0.00	88.47 5.30 -10.51
SOUTH HAMPTN___IC 23720	75.55 5.21 -11.78	70.99 5.17 -12.00	62.08 4.90 -3.35	64.64 4.87 -6.30	62.01 4.75 -3.87	70.23 4.96 -10.21	85.86 6.63 -11.63	126.09 7.83 -45.83	121.08 7.67 -41.03	94.96 6.82 -23.74	81.32 6.38 -11.18	68.50 6.04 -0.83	66.71 5.56 0.00	66.45 5.85 -0.28	71.13 5.60 -7.81	80.29 6.21 -10.03	114.54 8.14 -33.75	123.92 8.72 -41.86	119.36 8.50 -37.51	113.84 8.10 -32.79	111.98 7.95 -31.07	99.22 7.41 -19.15	98.42 6.80 -19.26	89.15 6.83 -9.66
SOUTHDOW_115KV_TB1 355954	54.05 -4.51 0.00	50.49 -3.34 0.00	50.54 -3.28 0.00	50.38 -3.10 0.00	50.35 -3.04 0.00	52.42 -2.64 0.00	64.92 -4.39 -1.72	68.10 -5.58 -1.24	67.91 -5.72 -1.24	58.65 -5.80 -0.04	58.56 -5.16 0.04	56.81 -4.81 0.01	56.93 -4.22 0.00	56.27 -4.04 0.00	53.86 -3.87 0.00	59.82 -4.23 0.00	67.79 -4.87 0.00	70.33 -5.21 -2.20	72.02 -5.21 -3.88	70.00 -4.81 -1.87	69.57 -4.30 -0.91	69.02 -3.63 0.00	68.67 -3.69 0.00	71.89 -1.45 -0.68
SOUTHOLD_69_KV_BK 2 55809	75.55 5.21 -11.78	70.94 5.11 -12.00	62.02 4.84 -3.35	64.59 4.81 -6.30	61.96 4.70 -3.87	70.28 5.01 -10.21	85.86 6.62 -11.63	126.08 7.82 -45.83	121.23 7.82 -41.03	95.10 6.96 -23.74	81.13 6.18 -11.18	68.25 5.79 -0.83	66.78 5.63 0.00	66.21 5.61 -0.28	70.90 5.37 -7.81	80.10 6.02 -10.03	114.39 7.99 -33.75	124.00 8.80 -41.86	119.37 8.51 -37.52	113.77 8.02 -32.79	111.91 7.88 -31.07	99.07 7.27 -19.15	98.28 6.66 -19.26	89.37 7.05 -9.66
SOUTHOLD___IC 23719	75.55 5.21 -11.78	70.94 5.12 -12.00	62.02 4.85 -3.35	64.59 4.82 -6.30	61.96 4.70 -3.87	70.23 4.96 -10.21	85.92 6.69 -11.63	126.16 7.90 -45.83	121.23 7.82 -41.03	95.10 6.96 -23.74	81.13 6.18 -11.18	68.25 5.79 -0.83	66.47 5.32 0.00	66.21 5.61 -0.28	70.91 5.37 -7.81	80.10 6.02 -10.03	114.47 8.06 -33.75	124.00 8.80 -41.86	119.36 8.50 -37.51	113.84 8.10 -32.79	111.98 7.95 -31.07	99.07 7.26 -19.15	98.35 6.73 -19.26	89.37 7.05 -9.66
SOUTH_FORK_WT_PWR 323839	75.02 4.69 -11.78	70.45 4.63 -12.00	61.54 4.36 -3.35	64.06 4.28 -6.30	61.43 4.17 -3.87	69.68 4.41 -10.21	85.25 6.01 -11.63	125.43 7.17 -45.83	120.51 7.10 -41.03	94.52 6.38 -23.74	80.36 5.42 -11.18	67.44 4.99 -0.83	65.67 4.52 0.00	65.42 4.83 -0.28	70.16 4.62 -7.81	79.27 5.19 -10.03	113.53 7.12 -33.75	123.05 7.85 -41.86	118.41 7.56 -37.51	112.90 7.15 -32.79	111.04 7.01 -31.07	98.12 6.32 -19.15	97.41 5.79 -19.26	88.64 6.32 -9.66
SPIERFLS_115KV_TB 1 80737	63.12 4.57 0.00	58.13 4.31 0.00	58.03 4.20 0.00	57.54 4.06 0.00	57.45 4.06 0.00	59.61 4.46 -0.09	149.56 5.61 -76.35	133.33 6.08 -54.82	133.48 6.15 -54.94	72.03 5.35 -2.28	68.99 5.23 0.00	66.31 4.68 0.00	65.61 4.46 0.00	64.84 4.52 0.00	61.88 4.16 0.00	68.85 4.80 0.00	78.69 6.03 0.00	122.41 6.53 -42.54	119.15 6.60 -39.20	117.77 6.42 -38.40	98.11 6.35 -18.80	78.98 6.32 0.00	78.30 5.93 0.00	109.02 6.25 -30.12
ST LAWRENCE____ 23600	58.56 0.00 0.00	53.34 -0.49 0.00	53.34 -0.49 0.00	53.05 -0.43 0.00	52.91 -0.48 0.00	54.62 -0.44 0.00	66.92 -0.68 0.00	71.42 -1.01 0.00	71.44 -0.94 0.00	63.76 -0.64 0.00	63.12 -0.64 0.00	61.13 -0.50 0.00	60.66 -0.49 0.00	59.77 -0.54 0.00	57.26 -0.46 0.00	63.54 -0.51 0.00	71.42 -1.24 0.00	71.43 -1.91 0.00	71.44 -1.91 0.00	71.49 -1.46 0.00	71.57 -1.39 0.00	71.57 -1.09 0.00	71.71 -0.65 0.00	71.71 -0.95 0.00
STATE_CA_115KV_115_LB 55624	60.78 2.23 0.00	56.09 2.26 0.00	56.03 2.21 0.00	55.62 2.14 0.00	55.53 2.14 0.00	57.27 2.15 -0.06	118.76 2.37 -48.79	110.14 2.68 -35.03	110.17 2.68 -35.11	68.50 2.64 -1.46	66.44 2.68 0.00	64.15 2.53 0.00	63.53 2.38 0.00	62.73 2.41 0.00	60.03 2.31 0.00	66.23 2.18 0.00	75.64 2.98 0.00	107.11 3.01 -30.77	109.12 2.93 -32.84	103.28 2.85 -27.48	89.49 3.06 -13.46	75.64 2.98 0.00	75.04 2.68 0.00	95.45 3.12 -19.66

STATE_ST_34_KV_LOAD 55959	57.09 -1.46 0.00	52.80 -1.02 0.00	52.80 -1.02 0.00	52.52 -0.96 0.00	52.48 -0.91 0.00	54.35 -0.72 0.00	66.72 -0.88 0.00	71.56 -0.87 0.00	71.51 -0.87 0.00	63.31 -1.09 0.00	62.59 -1.15 0.02	60.51 -1.11 0.00	60.23 -0.92 0.00	59.35 -0.97 0.00	56.80 -0.92 0.00	63.22 -0.83 0.00	71.78 -0.87 0.00	74.87 -0.15 -1.68	76.24 -0.07 -2.97	73.86 -0.51 -1.42	73.15 -0.51 -0.70	71.93 -0.73 0.00	71.35 -1.01 0.00	72.08 -0.58 0.00
STATION 5_MISC_HYD 23604	54.75 -3.81 0.00	51.02 -2.80 0.00	50.97 -2.85 0.00	50.86 -2.62 0.00	50.83 -2.56 0.00	52.86 -2.20 0.00	64.08 -3.52 0.00	68.09 -4.34 0.00	68.04 -4.34 0.00	59.95 -4.44 0.01	59.57 -4.14 0.04	57.80 -3.82 0.01	57.73 -3.42 0.00	56.82 -3.50 0.00	54.37 -3.35 0.00	60.33 -3.72 0.00	68.37 -4.29 0.00	72.00 -2.86 -1.53	72.86 -3.23 -2.74	69.87 -4.38 -1.29	69.44 -4.16 -0.63	68.66 -4.00 0.00	68.38 -3.98 0.00	69.90 -2.76 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	57.56 -1.00 0.00	53.50 -0.32 0.00	53.56 -0.27 0.00	53.32 -0.16 0.00	53.39 0.00 0.00	55.34 0.28 0.00	67.60 0.00 0.00	72.22 -0.22 0.00	72.09 -0.29 0.00	63.63 -0.77 0.01	63.15 -0.57 0.03	61.13 -0.49 0.01	60.91 -0.24 0.00	59.89 -0.42 0.00	57.32 -0.40 0.00	63.79 -0.26 0.00	72.44 -0.22 0.00	76.00 1.17 -1.49	77.13 1.10 -2.69	74.06 -0.15 -1.26	73.58 0.00 -0.62	72.80 0.15 0.00	71.93 -0.43 0.00	73.31 0.65 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	54.63 -3.92 0.00	50.86 -2.96 0.00	50.87 -2.96 0.00	50.70 -2.78 0.00	50.67 -2.72 0.00	52.53 -2.53 0.00	63.74 -3.85 0.00	67.80 -4.64 0.00	67.75 -4.63 0.00	59.82 -4.57 0.01	59.51 -4.21 0.04	57.55 -4.07 0.01	57.48 -3.67 0.00	56.58 -3.74 0.00	54.14 -3.58 0.00	60.21 -3.84 0.00	68.15 -4.50 0.00	71.69 -3.15 -1.51	72.69 -3.37 -2.72	69.56 -4.67 -1.27	69.06 -4.52 -0.62	68.44 -4.21 0.00	67.80 -4.56 0.00	69.53 -3.12 0.00
STA_56___34_KV_BUS2 355983	54.63 -3.92 0.00	50.86 -2.96 0.00	50.87 -2.96 0.00	50.70 -2.78 0.00	50.67 -2.72 0.00	52.53 -2.53 0.00	63.74 -3.85 0.00	67.80 -4.64 0.00	67.75 -4.63 0.00	59.82 -4.57 0.01	59.51 -4.21 0.04	57.55 -4.07 0.01	57.48 -3.67 0.00	56.58 -3.74 0.00	54.14 -3.58 0.00	60.21 -3.84 0.00	68.15 -4.50 0.00	71.69 -3.15 -1.51	72.69 -3.37 -2.72	69.56 -4.67 -1.27	69.06 -4.52 -0.62	68.44 -4.21 0.00	67.80 -4.56 0.00	69.53 -3.12 0.00
STA_67___115KV_BK2 355882	54.63 -3.92 0.00	50.92 -2.91 0.00	50.97 -2.85 0.00	50.81 -2.67 0.00	50.78 -2.62 0.00	52.64 -2.42 0.00	63.81 -3.79 0.00	67.80 -4.64 0.00	67.68 -4.70 0.00	59.76 -4.64 0.01	59.44 -4.27 0.04	57.55 -4.07 0.01	57.42 -3.73 0.00	56.58 -3.74 0.00	54.14 -3.58 0.00	60.14 -3.91 0.00	68.15 -4.50 0.00	71.71 -3.15 -1.53	72.73 -3.37 -2.75	69.50 -4.74 -1.29	69.00 -4.60 -0.63	68.44 -4.21 0.00	67.88 -4.49 0.00	69.68 -2.98 0.00
STA_7___115KV_9TRANS 80674	55.04 -3.51 0.00	51.29 -2.53 0.00	51.35 -2.48 0.00	51.13 -2.35 0.00	51.15 -2.24 0.00	53.03 -2.04 0.00	64.35 -3.24 0.00	68.38 -4.06 0.00	68.33 -4.05 0.00	60.34 -4.06 0.01	60.02 -3.70 0.04	58.04 -3.57 0.01	57.97 -3.18 0.00	57.06 -3.26 0.00	54.61 -3.12 0.00	60.72 -3.33 0.00	68.81 -3.85 0.00	72.37 -2.49 -1.53	73.46 -2.64 -2.76	70.16 -4.09 -1.29	69.73 -3.87 -0.63	69.10 -3.56 0.00	68.45 -3.91 0.00	70.26 -2.40 0.00
STA_82___115KV_TB1 80780	54.69 -3.86 0.00	50.97 -2.85 0.00	50.97 -2.85 0.00	50.81 -2.67 0.00	50.78 -2.62 0.00	52.64 -2.42 0.00	63.81 -3.79 0.00	67.80 -4.64 0.00	67.75 -4.63 0.00	59.82 -4.57 0.01	59.51 -4.21 0.04	57.55 -4.07 0.01	57.48 -3.67 0.00	56.64 -3.68 0.00	54.14 -3.58 0.00	60.21 -3.84 0.00	68.15 -4.50 0.00	71.72 -3.15 -1.53	72.81 -3.30 -2.77	69.51 -4.74 -1.30	69.07 -4.52 -0.64	68.44 -4.21 0.00	67.88 -4.49 0.00	69.68 -2.98 0.00
STEEL___WIND 323596	52.76 -5.80 0.00	49.47 -4.36 0.00	49.41 -4.41 0.00	49.41 -4.07 0.00	49.33 -4.06 0.00	51.49 -3.58 0.00	61.78 -5.81 0.00	64.97 -7.46 0.00	64.78 -7.60 0.00	56.80 -7.60 0.01	56.71 -7.01 0.04	55.15 -6.47 0.01	55.40 -5.75 0.00	54.58 -5.73 0.00	52.29 -5.43 0.00	57.90 -6.15 0.00	65.46 -7.19 0.00	68.34 -7.04 -2.05	69.55 -7.41 -3.61	67.39 -7.29 -1.74	66.95 -6.86 -0.85	66.33 -6.32 0.00	66.50 -5.86 0.00	68.80 -3.85 0.00
STEPHTWN_115KV_BK_2 55603	61.31 2.75 0.00	56.52 2.69 0.00	56.47 2.64 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.80 2.70 -0.04	105.86 2.91 -35.36	101.08 3.26 -25.38	101.01 3.18 -25.44	68.49 3.03 -1.05	66.82 3.06 0.00	64.52 2.90 0.00	63.84 2.69 0.00	63.09 2.77 0.00	60.32 2.60 0.00	66.61 2.56 0.00	76.29 3.63 0.00	102.89 3.67 -25.88	107.12 3.59 -30.18	99.48 3.57 -22.96	87.92 3.72 -11.24	76.29 3.63 0.00	75.69 3.33 0.00	91.76 3.78 -15.33
STEUBEN_REC_LFGE 323667	53.93 -4.63 0.00	50.27 -3.55 0.00	50.38 -3.44 0.00	49.90 -3.58 0.00	49.76 -3.63 0.00	51.71 -3.36 0.00	64.96 -4.80 -2.16	68.41 -5.58 -1.56	68.33 -5.57 -1.53	58.73 -5.73 -0.06	58.12 -5.61 0.03	56.26 -5.36 0.01	56.75 -4.40 0.00	56.03 -4.28 0.00	53.80 -3.93 0.00	60.08 -3.97 0.00	68.59 -4.07 0.00	72.62 -3.45 -2.73	74.78 -3.23 -4.66	72.36 -2.92 -2.33	71.69 -2.41 -1.14	70.48 -2.18 0.00	69.97 -2.39 0.00	72.57 -0.94 -0.86
STILLWATER___SOLAR 323814	62.19 3.63 0.00	57.38 3.55 0.00	57.28 3.45 0.00	56.85 3.37 0.00	56.76 3.37 0.00	58.73 3.58 -0.08	145.34 4.53 -73.22	129.93 4.93 -52.56	129.99 4.92 -52.69	70.90 4.32 -2.18	67.90 4.14 0.00	65.45 3.82 0.00	64.82 3.67 0.00	64.06 3.74 0.00	61.19 3.46 0.00	68.02 3.97 0.00	77.67 5.01 0.00	119.80 5.43 -41.04	117.12 5.43 -38.35	115.28 5.32 -37.01	96.34 5.26 -18.12	77.82 5.16 0.00	77.21 4.85 0.00	106.45 5.01 -28.79
STONY___BROOK 24151	75.49 5.15 -11.78	70.88 5.06 -12.00	62.02 4.85 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.12 4.85 -10.21	85.72 6.49 -11.63	125.94 7.67 -45.83	120.94 7.53 -41.03	94.84 6.70 -23.74	81.45 6.51 -11.18	68.68 6.22 -0.83	66.90 5.75 0.00	66.63 6.03 -0.28	71.31 5.77 -7.81	80.48 6.40 -10.03	114.54 8.14 -33.75	124.00 8.80 -41.86	119.51 8.65 -37.51	114.27 8.53 -32.79	112.12 8.10 -31.06	99.50 7.70 -19.15	98.71 7.10 -19.26	89.23 6.91 -9.66
STURGEON_POOL_HYD 23609	61.19 2.64 0.00	56.46 2.64 0.00	56.47 2.64 0.00	56.05 2.57 0.00	55.95 2.56 0.00	57.50 2.42 -0.01	81.14 3.04 -10.50	83.59 3.62 -7.54	83.49 3.55 -7.56	67.94 3.22 -0.31	67.14 3.38 0.00	64.89 3.27 0.00	64.15 3.00 0.00	63.39 3.08 0.00	60.72 3.00 0.00	67.38 3.33 0.00	77.02 4.36 0.00	90.20 4.62 -12.25	98.61 4.69 -20.57	87.72 4.30 -10.46	82.39 4.30 -5.12	76.94 4.29 0.00	76.05 3.69 0.00	80.26 3.34 -4.26
ST_LAW_115_BK7_LBMP 345037	58.62 0.06 0.00	53.34 -0.49 0.00	53.34 -0.49 0.00	53.11 -0.37 0.00	52.96 -0.43 0.00	54.62 -0.44 0.00	66.92 -0.68 0.00	71.42 -1.01 0.00	71.44 -0.94 0.00	63.76 -0.64 0.00	63.18 -0.57 0.00	61.13 -0.50 0.00	60.72 -0.43 0.00	59.83 -0.48 0.00	57.26 -0.46 0.00	63.61 -0.45 0.00	71.42 -1.24 0.00	71.36 -1.98 0.00	71.37 -1.98 0.00	71.42 -1.54 0.00	71.50 -1.46 0.00	71.57 -1.09 0.00	71.71 -0.65 0.00	71.64 -1.02 0.00

ST_LAW_115_BK8_LBMP 345038	58.62 0.06 0.00	53.34 -0.49 0.00	53.34 -0.49 0.00	53.11 -0.37 0.00	52.96 -0.43 0.00	54.62 -0.44 0.00	66.92 -0.68 0.00	71.42 -1.01 0.00	71.44 -0.94 0.00	63.76 -0.64 0.00	63.18 -0.57 0.00	61.13 -0.50 0.00	60.72 -0.43 0.00	59.83 -0.48 0.00	57.26 -0.46 0.00	63.61 -0.45 0.00	71.42 -1.24 0.00	71.36 -1.98 0.00	71.37 -1.98 0.00	71.42 -1.54 0.00	71.50 -1.46 0.00	71.57 -1.09 0.00	71.71 -0.65 0.00	71.64 -1.02 0.00
ST_LAW_230_BK5_LBMP 345035	58.56 0.00 0.00	53.34 -0.49 0.00	53.34 -0.49 0.00	53.05 -0.43 0.00	52.91 -0.48 0.00	54.62 -0.44 0.00	66.92 -0.68 0.00	71.42 -1.01 0.00	71.44 -0.94 0.00	63.76 -0.64 0.00	63.12 -0.64 0.00	61.13 -0.50 0.00	60.66 -0.49 0.00	59.77 -0.54 0.00	57.26 -0.46 0.00	63.54 -0.51 0.00	71.42 -1.24 0.00	71.43 -1.91 0.00	71.44 -1.91 0.00	71.49 -1.46 0.00	71.57 -1.39 0.00	71.57 -1.09 0.00	71.71 -0.65 0.00	71.71 -0.95 0.00
ST_LAW_230_BK6_LBMP 345036	58.56 0.00 0.00	53.34 -0.49 0.00	53.34 -0.49 0.00	53.05 -0.43 0.00	52.91 -0.48 0.00	54.62 -0.44 0.00	66.92 -0.68 0.00	71.42 -1.01 0.00	71.44 -0.94 0.00	63.76 -0.64 0.00	63.12 -0.64 0.00	61.13 -0.50 0.00	60.66 -0.49 0.00	59.77 -0.54 0.00	57.26 -0.46 0.00	63.54 -0.51 0.00	71.42 -1.24 0.00	71.43 -1.91 0.00	71.44 -1.91 0.00	71.49 -1.46 0.00	71.57 -1.39 0.00	71.57 -1.09 0.00	71.71 -0.65 0.00	71.71 -0.95 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	60.72 2.17 0.00	56.03 2.21 0.00	55.93 2.10 0.00	55.51 2.03 0.00	55.42 2.03 0.00	57.11 2.04 -0.01	76.99 2.84 -6.55	80.54 3.40 -4.70	80.43 3.33 -4.72	67.69 3.09 -0.20	66.76 3.00 0.00	64.52 2.90 0.00	63.78 2.63 0.00	63.03 2.71 0.00	60.32 2.60 0.00	66.93 2.88 0.00	76.43 3.78 -9.75	87.33 4.25 -18.07	95.74 4.33 -8.22	85.18 4.01 -4.02	81.00 4.01 0.00	76.29 3.63 0.00	75.40 3.04 0.00	78.37 3.12 -2.59
SWANROAD_115KV_TB1 355699	51.18 -7.38 0.00	48.12 -5.71 0.00	48.18 -5.65 0.00	48.08 -5.40 0.00	48.00 -5.39 0.00	49.89 -5.18 0.00	59.55 -8.04 0.00	62.37 -10.07 0.00	62.25 -10.13 0.00	54.80 -9.60 0.01	54.79 -8.93 0.04	53.05 -8.57 0.01	53.26 -7.89 0.00	52.54 -7.78 0.00	50.28 -7.45 0.00	55.79 -8.26 0.00	62.92 -9.74 0.00	66.28 -8.95 -3.37	67.40 -9.31 -1.61	64.12 -10.43 -1.61	63.82 -9.92 -0.79	63.50 -9.15 0.00	63.24 -9.12 0.00	66.19 -6.47 0.00
SYNERGY___BIOGAS 323694	53.93 -4.63 0.00	50.49 -3.34 0.00	50.49 -3.34 0.00	50.49 -2.99 0.00	50.46 -2.94 0.00	52.64 -2.42 0.00	63.41 -4.19 0.00	66.93 -5.51 0.00	66.81 -5.57 0.00	58.54 -5.86 0.01	58.30 -5.42 0.04	56.56 -5.05 0.01	56.75 -4.40 0.00	55.79 -4.52 0.00	53.45 -4.27 0.00	59.31 -4.74 0.00	67.21 -5.45 -1.75	70.83 -4.26 -3.12	71.77 -4.70 -1.48	68.74 -5.69 -1.48	68.43 -5.25 -0.73	67.86 -4.80 0.00	67.66 -4.70 0.00	69.82 -2.83 0.00
SYRACUSE___ENERGY_ST1 323597	56.57 -1.99 0.00	52.26 -1.56 0.00	52.27 -1.56 0.00	51.93 -1.55 0.00	51.90 -1.49 0.00	53.63 -1.43 0.00	65.84 -1.76 0.00	70.62 -1.81 0.00	70.50 -1.88 0.00	62.53 -1.87 0.00	61.90 -1.85 0.01	59.84 -1.79 0.00	59.50 -1.65 0.00	58.63 -1.69 0.00	56.16 -1.56 0.00	62.39 -1.67 0.00	70.77 -1.89 0.00	73.34 -1.32 -1.33	74.45 -1.32 -2.42	72.39 -1.68 -1.12	71.83 -1.68 -0.55	70.84 -1.82 0.00	70.41 -1.95 0.00	71.06 -1.60 0.00
SYRACUSE___ENERGY_ST2 323598	56.57 -1.99 0.00	52.26 -1.56 0.00	52.27 -1.56 0.00	51.93 -1.55 0.00	51.90 -1.49 0.00	53.63 -1.43 0.00	65.84 -1.76 0.00	70.62 -1.81 0.00	70.50 -1.88 0.00	62.53 -1.87 0.00	61.90 -1.85 0.01	59.84 -1.79 0.00	59.50 -1.65 0.00	58.63 -1.69 0.00	56.16 -1.56 0.00	62.39 -1.67 0.00	70.77 -1.89 0.00	73.34 -1.32 -1.33	74.45 -1.32 -2.42	72.39 -1.68 -1.12	71.83 -1.68 -0.55	70.84 -1.82 0.00	70.41 -1.95 0.00	71.06 -1.60 0.00
SYRACUSE___POWER 24017	56.74 -1.82 0.00	52.43 -1.40 0.00	52.43 -1.40 0.00	52.09 -1.39 0.00	52.06 -1.33 0.00	53.85 -1.21 0.00	66.04 -1.55 0.00	70.84 -1.59 0.00	70.79 -1.59 0.00	62.79 -1.61 0.00	62.14 -1.59 0.02	60.08 -1.54 0.00	59.74 -1.41 0.00	58.87 -1.45 0.00	56.34 -1.39 0.00	62.64 -1.41 0.00	71.06 -1.60 0.00	73.60 -1.10 -1.36	74.81 -1.03 -2.49	72.64 -1.46 -1.15	72.07 -1.46 -0.56	71.13 -1.53 0.00	70.62 -1.74 0.00	71.28 -1.38 0.00
TALLMAN___138KV_BK151 55660	60.84 2.28 0.00	56.19 2.37 0.00	56.03 2.21 0.00	55.62 2.14 0.00	55.53 2.14 0.00	57.22 2.15 -0.01	77.31 2.97 -6.73	80.96 3.69 -4.84	80.85 3.62 -4.85	68.02 3.41 -0.20	67.07 3.32 0.00	64.83 3.20 0.00	64.08 2.94 0.00	63.27 2.96 0.00	60.55 2.83 0.00	67.13 3.07 0.00	76.73 4.07 0.00	87.89 4.55 -10.00	96.51 4.62 -18.54	85.69 4.30 -8.44	81.40 4.30 -4.13	76.51 3.85 0.00	75.62 3.26 0.00	78.58 3.27 -2.66
TEALLAVE_115KV_TB7 355573	56.45 -2.11 0.00	52.16 -1.67 0.00	52.16 -1.67 0.00	51.88 -1.60 0.00	51.84 -1.55 0.00	53.58 -1.49 0.00	65.70 -1.89 0.00	70.55 -1.88 0.00	70.50 -1.88 0.00	62.47 -1.93 0.01	61.88 -1.85 0.03	59.77 -1.85 0.01	59.50 -1.65 0.00	58.63 -1.69 0.00	56.11 -1.62 0.00	62.32 -1.73 0.00	70.62 -2.03 0.00	71.98 -1.47 -0.11	73.50 -1.47 -1.62	71.05 -1.90 0.00	71.06 -1.90 0.00	70.69 -1.96 0.00	70.19 -2.17 0.00	70.91 -1.74 0.00
TELGRAPH_34_KV_EAST 80808	52.82 -5.74 0.00	49.52 -4.31 0.00	49.58 -4.25 0.00	49.47 -4.01 0.00	49.44 -3.95 0.00	51.38 -3.69 0.00	61.65 -5.95 0.00	64.83 -7.61 0.00	64.71 -7.67 0.00	56.93 -7.47 0.01	56.83 -6.89 0.04	55.02 -6.59 0.01	55.16 -5.99 0.00	54.34 -5.97 0.00	52.01 -5.71 0.00	57.84 -6.21 0.00	65.39 -7.27 0.00	68.83 -6.31 -1.80	69.96 -6.60 -3.22	66.67 -7.81 -1.53	66.34 -7.37 -0.75	65.97 -6.68 0.00	65.49 -6.87 0.00	68.30 -4.36 0.00
TEMPLE___115KV_TB 2 55572	56.51 -2.05 0.00	52.21 -1.61 0.00	52.21 -1.61 0.00	51.88 -1.60 0.00	51.84 -1.55 0.00	53.63 -1.43 0.00	65.77 -1.83 0.00	70.55 -1.88 0.00	70.50 -1.88 0.00	62.53 -1.87 0.01	61.88 -1.85 0.03	59.83 -1.79 0.01	59.50 -1.65 0.00	58.63 -1.69 0.00	56.16 -1.56 0.00	62.39 -1.67 0.00	70.69 -1.96 0.00	72.05 -1.39 -0.11	73.59 -1.39 -1.64	71.13 -1.82 0.00	71.14 -1.82 0.00	70.69 -1.96 0.00	70.26 -2.10 0.00	70.99 -1.67 0.00
TIANA____69_KV_BK 1 55817	75.61 5.27 -11.78	70.99 5.17 -12.00	62.08 4.90 -3.35	64.64 4.87 -6.30	62.01 4.75 -3.87	70.28 5.01 -10.21	85.86 6.62 -11.63	126.01 7.75 -45.83	121.09 7.67 -41.03	94.97 6.83 -23.74	81.38 6.44 -11.18	68.56 6.10 -0.83	67.14 5.99 0.00	66.57 5.97 -0.28	71.25 5.71 -7.81	80.36 6.28 -10.03	114.61 8.21 -33.75	124.00 8.80 -41.86	119.44 8.58 -37.52	113.84 8.10 -32.79	112.06 8.03 -31.07	99.29 7.48 -19.15	98.42 6.80 -19.26	89.15 6.83 -9.66
TILDEN___115KV_TB1 80814	56.74 -1.82 0.00	52.43 -1.40 0.00	52.43 -1.40 0.00	52.09 -1.39 0.00	52.06 -1.33 0.00	53.85 -1.21 0.00	66.04 -1.55 0.00	70.84 -1.59 0.00	70.79 -1.59 0.00	62.79 -1.61 0.00	62.14 -1.59 0.02	60.08 -1.54 0.00	59.74 -1.41 0.00	58.87 -1.45 0.00	56.34 -1.39 0.00	62.64 -1.41 0.00	71.06 -1.60 0.00	73.60 -1.10 -1.36	74.81 -1.03 -2.49	72.64 -1.46 -1.15	72.07 -1.46 -0.56	71.13 -1.53 0.00	70.62 -1.74 0.00	71.28 -1.38 0.00

TRIGEN___CC 323695	74.03 3.69 -11.78	69.48 3.66 -12.00	60.68 3.50 -3.35	63.20 3.42 -6.30	60.68 3.42 -3.87	68.74 3.47 -10.21	83.83 4.60 -11.63	123.69 5.43 -45.83	118.77 5.36 -41.03	93.10 4.96 -23.74	79.79 4.85 -11.18	67.14 4.68 -0.83	65.55 4.40 0.00	65.06 4.46 -0.28	69.81 4.27 -7.81	78.76 4.68 -10.03	112.29 5.89 -33.75	121.65 6.45 -41.86	117.31 6.45 -37.51	111.80 6.05 -32.79	110.04 6.06 -31.02	97.47 5.67 -19.15	96.61 4.99 -19.26	87.33 5.01 -9.66
TRINITY___115KV___4 BK 55933	60.67 2.11 0.00	55.98 2.15 0.00	55.93 2.10 0.00	55.51 2.03 0.00	55.42 2.03 0.00	57.15 2.04 -0.04	107.71 2.23 -37.88	102.17 2.54 -27.20	102.10 2.46 -27.26	67.98 2.45 -1.13	66.25 2.49 0.00	63.97 2.34 0.00	63.35 2.20 0.00	62.61 2.29 0.00	59.86 2.14 0.00	66.10 2.05 0.00	75.49 2.83 0.00	102.74 2.79 -26.62	106.65 2.71 -30.59	99.29 2.70 -23.64	87.38 2.85 -11.58	75.42 2.76 0.00	74.89 2.53 0.00	91.54 2.91 -15.98
UNION___PROCESSING_DRP 323587	54.69 -3.86 0.00	50.97 -2.85 0.00	51.03 -2.80 0.00	50.81 -2.67 0.00	50.83 -2.56 0.00	52.64 -2.42 0.00	63.88 -3.72 0.00	67.87 -4.56 0.00	67.75 -4.63 0.00	59.82 -4.57 0.01	59.51 -4.21 0.04	57.55 -4.07 0.01	57.48 -3.67 0.00	56.64 -3.68 0.00	54.20 -3.52 0.00	60.21 -3.84 0.00	68.22 -4.43 0.00	71.79 -3.08 -1.53	72.81 -3.30 -2.77	69.58 -4.67 -1.30	69.07 -4.52 -0.64	68.52 -4.14 0.00	67.88 -4.49 0.00	69.75 -2.91 0.00
UPPER HUDSON___HYD 24058	63.07 4.51 0.00	58.13 4.31 0.00	58.03 4.20 0.00	57.54 4.06 0.00	57.45 4.06 0.00	59.61 4.46 -0.09	149.63 5.68 -76.35	133.40 6.15 -54.82	133.47 6.15 -54.94	72.02 5.34 -2.28	68.99 5.23 0.00	66.31 4.68 0.00	65.61 4.46 0.00	64.84 4.53 0.00	61.88 4.16 0.00	68.86 4.81 0.00	78.68 6.03 0.00	122.40 6.52 -42.54	119.15 6.60 -39.20	117.77 6.42 -38.40	98.11 6.34 -18.80	78.97 6.32 0.00	78.36 6.00 0.00	109.02 6.25 -30.12
UPPER RAQUET___HYD 24056	59.49 0.93 0.00	54.04 0.22 0.00	53.99 0.16 0.00	53.80 0.32 0.00	53.61 0.21 0.00	55.45 0.39 0.00	67.94 0.34 0.00	72.29 -0.14 0.00	72.17 -0.22 0.00	64.60 0.19 0.00	64.01 0.26 0.00	62.00 0.37 0.00	61.64 0.49 0.00	60.68 0.36 0.00	58.07 0.35 0.00	64.37 0.32 0.00	71.57 -1.09 0.00	71.00 -2.35 -0.02	71.32 -2.27 -0.25	71.13 -1.82 0.00	71.79 -1.17 0.00	72.22 -0.43 0.00	72.80 0.44 0.00	72.66 0.00 0.00
VALLEY44_115KV_TB2 355964	53.17 -5.39 0.00	49.68 -4.14 0.00	49.74 -4.09 0.00	49.63 -3.85 0.00	49.55 -3.84 0.00	51.43 -3.63 0.00	63.84 -5.54 -1.79	67.13 -6.59 -1.29	66.87 -6.80 -1.29	57.75 -6.70 -0.05	57.60 -6.12 0.04	55.89 -5.73 0.01	55.95 -5.20 0.00	55.25 -5.07 0.00	52.87 -4.85 0.00	58.73 -5.32 0.00	66.63 -6.03 0.00	67.78 -7.85 -2.29	69.38 -7.99 -4.03	68.84 -6.05 -1.94	68.08 -5.84 -0.95	67.35 -5.30 0.00	67.01 -5.35 0.00	69.95 -3.41 -0.71
VALLEY___115KV_TB 1-4 80826	57.97 -0.59 0.00	53.39 -0.43 0.00	53.29 -0.54 0.00	52.84 -0.64 0.00	52.70 -0.69 0.00	54.35 -0.72 0.00	66.85 -0.74 0.00	71.49 -0.94 0.00	71.44 -0.94 0.00	63.50 -0.90 0.00	62.67 -1.08 0.00	60.64 -0.99 0.00	60.17 -0.98 0.00	59.35 -0.97 0.00	56.74 -0.98 0.00	62.90 -1.15 0.00	71.78 -0.87 0.00	72.75 -0.59 0.00	72.91 -0.44 0.00	72.51 -0.44 0.00	72.60 -0.36 0.00	72.44 -0.22 0.00	72.22 -0.14 0.00	72.66 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	61.84 3.28 0.00	57.16 3.34 0.00	57.22 3.39 0.00	56.74 3.26 0.00	56.70 3.31 0.00	58.55 3.47 -0.01	82.53 4.53 -10.40	84.98 5.07 -7.47	84.87 4.99 -7.49	68.96 4.25 -0.31	67.89 4.14 0.01	65.44 3.82 0.00	65.00 3.85 0.00	64.06 3.74 0.00	61.19 3.46 0.00	68.09 4.04 0.00	77.67 5.01 0.00	87.71 5.65 -8.73	89.88 5.94 -10.59	86.35 5.69 -7.71	82.43 5.69 -3.78	78.11 5.45 0.00	77.57 5.21 0.00	82.02 5.23 -4.13
VISCHER___FERRY HYD 24020	61.54 2.98 0.00	56.78 2.96 0.00	56.73 2.90 0.00	56.31 2.83 0.00	56.22 2.83 0.00	58.05 2.92 -0.07	133.91 3.72 -62.60	121.50 4.13 -44.94	121.55 4.12 -45.04	69.94 3.67 -1.87	67.39 3.63 0.00	65.01 3.39 0.00	64.39 3.24 0.00	63.57 3.25 0.00	60.78 3.06 0.00	67.44 3.39 0.00	76.87 4.21 0.00	113.77 4.47 -35.96	113.34 4.47 -35.52	109.64 4.38 -32.31	93.16 4.38 -15.82	76.80 4.14 0.00	76.27 3.90 0.00	101.02 4.07 -24.30
V_A_10_SYNC_DSASP 323832	52.70 -5.86 0.00	49.36 -4.47 0.00	49.31 -4.52 0.00	49.31 -4.17 0.00	49.23 -4.16 0.00	51.27 -3.80 0.00	61.65 -5.95 0.00	64.90 -7.53 0.00	64.78 -7.60 0.00	56.99 -7.40 0.01	56.77 -6.95 0.04	55.15 -6.47 0.01	55.34 -5.81 0.00	54.47 -5.85 0.00	52.12 -5.60 0.00	57.71 -6.34 0.00	65.24 -7.41 0.00	69.11 -5.94 -1.71	69.94 -6.45 -3.05	66.67 -7.73 -1.45	66.23 -7.44 -0.71	65.61 -7.05 0.00	65.63 -6.73 0.00	67.71 -4.94 0.00
V_CMM_10_SYNC_DSASP 323787	58.85 0.29 0.00	53.56 -0.27 0.00	53.56 -0.27 0.00	53.32 -0.16 0.00	53.18 -0.21 0.00	54.85 -0.22 0.00	67.19 -0.40 0.00	71.71 -0.72 0.00	71.73 -0.65 0.00	63.96 -0.45 0.00	63.38 -0.38 0.00	61.38 -0.25 0.00	60.97 -0.18 0.00	60.08 -0.24 0.00	57.49 -0.23 0.00	63.86 -0.19 0.00	71.71 -0.95 0.00	71.65 -1.68 0.00	71.66 -1.68 0.00	71.78 -1.17 0.00	71.87 -1.09 0.00	71.86 -0.80 0.00	72.07 -0.29 0.00	72.00 -0.66 0.00
V_CMP_10_SYNC_DSASP 323788	57.91 -0.64 0.00	52.59 -1.24 0.00	52.59 -1.24 0.00	52.41 -1.07 0.00	52.22 -1.17 0.00	53.96 -1.10 0.00	65.70 -1.89 0.00	70.26 -2.17 0.00	70.14 -2.24 0.00	62.47 -1.93 0.00	61.97 -1.78 0.00	60.15 -1.48 0.00	59.86 -1.29 0.00	58.81 -1.51 0.00	56.28 -1.44 0.00	62.51 -1.54 0.00	70.55 -2.11 0.00	70.70 -2.64 0.00	70.71 -2.64 0.00	71.05 -1.90 0.00	71.29 -1.68 0.00	71.35 -1.31 0.00	71.64 -0.72 0.00	72.22 -0.43 0.00
V_D_10_SYNC_DSASP 323841	59.38 0.82 0.00	53.99 0.16 0.00	53.99 0.16 0.00	53.75 0.27 0.00	53.61 0.21 0.00	55.34 0.28 0.00	67.73 0.14 0.00	72.07 -0.36 0.00	72.02 -0.36 0.00	64.47 0.06 0.00	63.89 0.13 0.00	61.87 0.25 0.00	61.46 0.31 0.00	60.56 0.24 0.00	57.95 0.23 0.00	64.37 0.32 0.00	72.00 -0.66 0.00	71.87 -1.47 0.00	71.88 -1.47 0.00	72.00 -0.95 0.00	72.16 -0.80 0.00	72.22 -0.43 0.00	72.51 0.15 0.00	72.44 -0.22 0.00
V_E_10_SYNC_DSASP 323830	61.54 2.98 0.00	56.78 2.96 0.00	56.68 2.85 0.00	56.21 2.73 0.00	56.11 2.72 0.00	58.60 3.53 -0.01	77.04 4.60 -4.85	81.07 5.14 -3.49	80.80 4.92 -3.49	68.35 3.80 -0.14	67.25 3.50 0.01	64.70 3.08 0.00	64.39 3.24 0.00	63.27 2.95 0.00	60.61 2.88 0.00	67.89 3.84 0.00	77.82 5.16 0.00	84.61 6.46 -4.82	87.29 6.97 -6.98	83.85 6.71 -4.19	81.80 6.79 -2.05	78.97 6.32 0.00	78.44 6.08 0.00	80.75 6.17 -1.93
V_F_30_NSYNC___DSASP 323816	62.25 3.69 0.00	57.38 3.55 0.00	57.32 3.50 0.00	56.85 3.37 0.00	56.76 3.37 0.00	58.73 3.58 -0.09	146.82 4.60 -74.62	131.00 4.99 -53.57	131.00 4.92 -53.70	70.95 4.32 -2.23	67.97 4.21 0.00	65.51 3.88 0.00	64.88 3.73 0.00	64.12 3.80 0.00	61.24 3.52 0.00	68.09 4.04 0.00	77.74 5.08 0.00	120.48 5.43 -41.71	117.58 5.50 -38.73	115.90 5.32 -37.63	96.71 5.32 -18.43	77.82 5.16 0.00	77.21 4.85 0.00	107.05 5.01 -29.38



V_F_30_SYNC_DSASP 323786	60.78 2.23 0.00	56.09 2.26 0.00	56.03 2.21 0.00	55.62 2.14 0.00	55.53 2.14 0.00	57.27 2.15 -0.06	117.99 2.43 -47.96	109.55 2.68 -34.43	109.57 2.68 -34.51	68.48 2.64 -1.43	66.44 2.68 0.00	64.15 2.53 0.00	63.53 2.38 0.00	62.73 2.41 0.00	60.03 2.31 0.00	66.23 2.18 0.00	75.64 2.98 0.00	106.77 3.01 -30.43	108.93 2.93 -32.65	102.97 2.85 -27.17	89.33 3.06 -13.31	75.64 2.98 0.00	75.04 2.68 0.00	95.14 3.12 -19.36
V_XM_10_SYNC_DSASP 323789	57.91 -0.64 0.00	52.59 -1.24 0.00	52.59 -1.24 0.00	52.41 -1.07 0.00	52.22 -1.17 0.00	53.96 -1.10 0.00	65.70 -1.89 0.00	70.26 -2.17 0.00	70.14 -2.24 0.00	62.47 -1.93 0.00	61.97 -1.78 0.00	60.15 -1.48 0.00	59.86 -1.29 0.00	58.81 -1.51 0.00	56.28 -1.44 0.00	62.51 -1.54 0.00	70.55 -2.11 0.00	70.70 -2.64 0.00	70.71 -2.64 0.00	71.05 -1.90 0.00	71.29 -1.68 0.00	71.35 -1.31 0.00	71.64 -0.72 0.00	72.22 -0.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	61.02 2.46 0.00	56.35 2.53 0.00	56.20 2.37 0.00	55.78 2.30 0.00	55.69 2.30 0.00	57.39 2.31 -0.01	77.62 3.24 -6.78	81.21 3.91 -4.87	81.10 3.84 -4.88	68.21 3.61 -0.20	67.27 3.51 0.00	65.01 3.39 0.00	64.27 3.12 0.00	63.45 3.14 0.00	60.78 3.06 0.00	67.32 3.27 0.00	76.94 4.29 0.00	88.24 4.84 -10.06	96.84 4.84 -18.65	85.96 4.52 -8.48	81.64 4.52 -4.15	76.73 4.07 0.00	75.83 3.47 0.00	78.82 3.49 -2.67
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	61.78 3.22 0.00	57.05 3.23 0.00	56.90 3.07 0.00	56.42 2.94 0.00	56.33 2.94 0.00	58.05 2.97 -0.01	78.71 4.06 -7.05	82.57 5.07 -5.06	82.45 4.99 -5.08	69.32 4.70 -0.21	68.35 4.59 0.00	66.00 4.38 0.00	65.31 4.16 0.00	64.48 4.16 0.00	61.71 3.98 0.00	68.41 4.36 0.00	78.18 5.52 0.00	89.93 6.16 -10.43	98.76 6.09 -19.33	87.44 5.69 -8.80	82.96 5.69 -4.31	77.82 5.16 0.00	76.85 4.49 0.00	79.80 4.36 -2.78
W50THST__13_KV_LOAD 356117	61.78 3.22 0.00	57.05 3.23 0.00	56.90 3.07 0.00	56.42 2.94 0.00	56.33 2.94 0.00	58.10 3.03 -0.01	78.77 4.12 -7.05	82.57 5.07 -5.06	82.45 4.99 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.06 4.44 0.00	65.31 4.16 0.00	64.54 4.22 0.00	61.71 3.98 0.00	68.47 4.42 0.00	78.25 5.59 0.00	89.93 6.16 -10.43	98.76 6.09 -19.33	87.44 5.69 -8.80	82.96 5.69 -4.31	77.89 5.23 0.00	76.85 4.49 0.00	79.87 4.43 -2.78
WADING RIVER_IC_1 23522	75.43 5.09 -11.78	70.83 5.01 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.06 4.79 -10.21	85.66 6.43 -11.63	125.79 7.53 -45.83	120.87 7.46 -41.03	94.71 6.57 -23.74	81.26 6.31 -11.18	68.43 5.98 -0.83	66.66 5.51 0.00	66.45 5.85 -0.28	71.08 5.54 -7.81	80.23 6.15 -10.03	114.39 7.99 -33.75	123.70 8.50 -41.86	119.07 8.21 -37.51	113.55 7.81 -32.79	111.76 7.73 -31.07	98.93 7.12 -19.15	98.20 6.58 -19.26	88.78 6.46 -9.66
WADING RIVER_IC_2 23547	75.43 5.09 -11.78	70.83 5.01 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.06 4.79 -10.21	85.66 6.43 -11.63	125.79 7.53 -45.83	120.87 7.46 -41.03	94.71 6.57 -23.74	81.26 6.31 -11.18	68.43 5.98 -0.83	66.66 5.51 0.00	66.45 5.85 -0.28	71.08 5.54 -7.81	80.23 6.15 -10.03	114.39 7.99 -33.75	123.70 8.50 -41.86	119.07 8.21 -37.51	113.55 7.81 -32.79	111.76 7.73 -31.07	98.93 7.12 -19.15	98.20 6.58 -19.26	88.78 6.46 -9.66
WADING RIVER_IC_3 23601	75.43 5.09 -11.78	70.83 5.01 -12.00	61.97 4.79 -3.35	64.48 4.71 -6.30	61.91 4.64 -3.87	70.06 4.79 -10.21	85.66 6.43 -11.63	125.79 7.53 -45.83	120.87 7.46 -41.03	94.71 6.57 -23.74	81.26 6.31 -11.18	68.43 5.98 -0.83	66.66 5.51 0.00	66.45 5.85 -0.28	71.08 5.54 -7.81	80.23 6.15 -10.03	114.39 7.99 -33.75	123.70 8.50 -41.86	119.07 8.21 -37.51	113.55 7.81 -32.79	111.76 7.73 -31.07	98.93 7.12 -19.15	98.20 6.58 -19.26	88.78 6.46 -9.66
WALDENNY_12_KV_BK2 80841	52.82 -5.74 0.00	49.46 -4.36 0.00	49.58 -4.25 0.00	49.47 -4.01 0.00	49.39 -4.00 0.00	51.32 -3.74 0.00	61.58 -6.02 0.00	64.68 -7.75 0.00	64.56 -7.82 0.00	56.80 -7.60 0.01	56.77 -6.95 0.04	54.96 -6.66 0.01	55.16 -5.99 0.00	54.47 -5.85 0.00	52.12 -5.60 0.00	57.84 -6.21 0.00	65.46 -7.19 0.00	68.33 -7.04 -2.03	69.76 -7.19 -3.60	67.09 -7.59 -1.72	66.65 -7.15 -0.84	66.26 -6.39 0.00	65.92 -6.44 0.00	68.73 -3.92 0.00
WALDEN__HYDRO 24148	61.07 2.52 0.00	56.35 2.53 0.00	56.30 2.48 0.00	55.89 2.41 0.00	55.79 2.40 0.00	57.44 2.37 -0.01	77.94 3.31 -7.04	81.32 3.84 -5.05	81.21 3.76 -5.06	68.03 3.41 -0.21	67.07 3.32 0.00	64.83 3.20 0.00	64.08 2.94 0.00	63.33 3.02 0.00	60.67 2.94 0.00	67.25 3.20 0.00	76.87 4.21 0.00	88.32 4.77 -10.22	96.97 4.84 -18.78	86.10 4.52 -8.62	81.71 4.52 -4.22	76.80 4.14 0.00	75.91 3.55 0.00	79.08 3.63 -2.79
WARRENSBURG____ 23737	63.07 4.51 0.00	58.13 4.31 0.00	58.03 4.20 0.00	57.54 4.06 0.00	57.45 4.06 0.00	59.61 4.46 -0.09	149.63 5.68 -76.35	133.40 6.15 -54.82	133.47 6.15 -54.94	72.02 5.34 -2.28	68.99 5.23 0.00	66.31 4.68 0.00	65.61 4.46 0.00	64.84 4.53 0.00	61.88 4.16 0.00	68.86 4.81 0.00	78.68 6.03 0.00	122.40 6.52 -42.54	119.15 6.60 -39.20	117.77 6.42 -38.40	98.11 6.34 -18.80	78.97 6.32 0.00	78.36 6.00 0.00	109.02 6.25 -30.12
WATERSIDE____6 8 9 23538	61.84 3.28 0.00	57.05 3.23 0.00	56.84 3.01 0.00	56.37 2.89 0.00	56.28 2.88 0.00	57.99 2.92 -0.01	78.64 3.99 -7.05	82.42 4.93 -5.07	82.16 4.70 -5.08	69.12 4.51 -0.21	68.09 4.34 0.00	65.82 4.19 0.00	65.12 3.97 0.00	64.30 3.98 0.00	61.53 3.81 0.00	68.21 4.16 0.00	78.03 5.38 0.00	89.71 5.94 -10.44	98.62 5.94 -19.33	87.22 5.47 -8.80	82.74 5.47 -4.31	77.67 5.01 0.00	76.56 4.20 0.00	79.58 4.14 -2.78
WATKINRD_115KV_LN8_ILLION 55919	58.09 -0.47 0.00	53.45 -0.38 0.00	53.34 -0.48 0.00	52.84 -0.64 0.00	52.70 -0.69 0.00	54.40 -0.66 0.00	66.92 -0.68 0.00	71.56 -0.87 0.00	71.51 -0.87 0.00	63.50 -0.90 0.00	62.42 -1.34 0.00	60.58 -1.05 0.00	60.17 -0.98 0.00	59.29 -1.03 0.00	56.63 -1.10 0.00	62.77 -1.28 0.00	71.78 -0.87 0.00	72.82 -0.51 0.00	73.13 -0.22 0.00	72.73 -0.22 0.00	72.74 -0.22 0.00	72.80 0.15 0.00	72.58 0.22 0.00	73.02 0.36 0.00
WATSON__69_KV_BK 1 55734	75.72 5.39 -11.78	71.10 5.27 -12.00	62.24 5.06 -3.35	64.75 4.97 -6.30	62.17 4.91 -3.87	70.39 5.12 -10.21	85.99 6.76 -11.63	126.16 7.90 -45.83	121.23 7.82 -41.03	95.10 6.96 -23.74	81.70 6.76 -11.18	68.99 6.53 -0.83	67.45 6.30 0.00	66.87 6.27 -0.28	71.54 6.00 -7.81	80.74 6.66 -10.03	114.83 8.43 -33.75	124.29 9.09 -41.86	119.88 9.02 -37.51	114.28 8.54 -32.79	112.54 8.54 -31.04	99.80 7.99 -19.15	98.93 7.31 -19.26	89.59 7.27 -9.66
WDELAWARE__HYD 323627	61.02 2.46 0.00	56.25 2.42 0.00	56.25 2.42 0.00	55.78 2.30 0.00	55.74 2.35 0.00	57.44 2.37 -0.01	78.53 3.51 -7.42	81.67 3.91 -5.33	81.56 3.83 -5.34	67.91 3.28 -0.22	66.88 3.12 0.00	64.58 2.96 0.00	63.84 2.69 0.00	63.03 2.72 0.00	60.44 2.71 0.00	67.19 3.14 0.00	76.87 4.21 0.00	88.18 4.84 -10.01	96.22 4.99 -17.88	86.17 4.74 -8.48	81.79 4.67 -4.15	76.87 4.21 0.00	76.12 3.76 0.00	79.55 3.92 -2.97

WEST BABYLON___IC 23714	75.37 5.04 -11.78	70.72 4.90 -12.00	61.86 4.68 -3.35	64.38 4.60 -6.30	61.85 4.59 -3.87	70.01 4.74 -10.21	85.52 6.29 -11.63	125.65 7.39 -45.83	120.65 7.24 -41.03	94.64 6.50 -23.74	81.32 6.38 -11.18	68.56 6.10 -0.83	67.02 5.87 0.00	66.45 5.85 -0.28	71.19 5.66 -7.81	80.29 6.21 -10.03	114.25 7.85 -33.75	123.70 8.51 -41.86	119.36 8.51 -37.51	113.83 8.10 -32.78	112.11 8.17 -30.98	99.36 7.56 -19.15	98.49 6.87 -19.26	89.15 6.83 -9.66
WEST CANADA___HYD 24049	58.91 0.35 0.00	54.25 0.43 0.00	54.26 0.43 0.00	53.91 0.43 0.00	53.82 0.43 0.00	55.45 0.39 0.00	68.13 0.54 0.00	73.01 0.58 0.00	72.96 0.58 0.00	64.92 0.51 0.00	64.27 0.51 0.00	62.06 0.43 0.00	61.58 0.43 0.00	60.74 0.43 0.00	58.13 0.41 0.00	64.50 0.45 0.00	73.38 0.73 0.00	74.22 0.88 0.00	74.23 0.88 0.00	73.76 0.80 0.00	73.77 0.80 0.00	73.38 0.73 0.00	73.01 0.65 0.00	73.38 0.73 0.00
WESTERN_NY_WIND 24143	53.87 -4.68 0.00	50.43 -3.39 0.00	50.49 -3.34 0.00	50.38 -3.10 0.00	50.40 -2.99 0.00	52.37 -2.70 0.00	63.00 -4.60 0.00	66.57 -5.87 0.00	66.37 -6.01 0.00	58.34 -6.05 0.01	58.17 -5.55 0.04	56.26 -5.36 0.01	56.38 -4.77 0.00	55.55 -4.76 0.00	53.16 -4.56 0.00	59.12 -4.93 0.00	66.99 -5.67 0.00	70.56 -4.55 -1.77	71.74 -4.77 -3.17	68.32 -6.13 -1.50	68.01 -5.69 -0.74	67.57 -5.09 0.00	67.01 -5.35 0.00	69.60 -3.05 0.00
WESTOVER___LESR 323668	57.39 -1.17 0.00	53.18 -0.65 0.00	53.18 -0.65 0.00	52.89 -0.59 0.00	52.80 -0.59 0.00	54.57 -0.50 0.00	70.10 -0.74 -3.24	73.90 -0.87 -2.34	73.86 -0.87 -2.35	63.40 -1.09 -0.09	62.72 -1.02 0.02	60.57 -1.05 0.00	60.29 -0.86 0.00	59.47 -0.84 0.00	56.91 -0.81 0.00	63.22 -0.83 0.00	72.00 -0.65 0.00	76.97 -0.37 -4.00	79.72 -0.37 -6.75	75.93 -0.44 -3.42	74.20 -0.44 -1.67	72.15 -0.51 0.00	71.71 -0.65 0.00	73.80 -0.15 -1.29
WETHRSFD_WT_PWR 323626	52.76 -5.80 0.00	49.36 -4.47 0.00	49.36 -4.47 0.00	49.20 -4.28 0.00	49.12 -4.27 0.00	51.21 -3.86 0.00	63.58 -5.81 -1.80	66.49 -7.24 -1.30	66.23 -7.45 -1.30	57.05 -7.40 -0.05	56.65 -7.08 0.03	55.03 -6.59 0.01	55.28 -5.87 0.00	54.41 -5.91 0.00	52.24 -5.48 0.00	57.96 -6.09 0.00	65.90 -6.75 0.00	69.40 -6.23 -2.30	70.92 -6.45 -4.02	68.55 -6.35 -1.95	67.94 -5.98 -0.95	67.06 -5.59 0.00	67.08 -5.28 0.00	69.67 -3.70 -0.71
WHAVSTOR_138KV_BK127 55557	60.78 2.23 0.00	56.14 2.31 0.00	56.03 2.21 0.00	55.57 2.09 0.00	55.47 2.08 0.00	57.17 2.09 -0.01	77.29 2.91 -6.79	80.93 3.62 -4.87	80.81 3.55 -4.88	67.96 3.35 -0.20	67.01 3.25 0.00	64.77 3.14 0.00	64.02 2.87 0.00	63.21 2.90 0.00	60.49 2.77 0.00	67.06 3.01 0.00	76.65 4.00 0.00	87.88 4.47 -10.07	96.57 4.55 -18.67	85.68 4.23 -8.49	81.35 4.23 -4.16	76.43 3.78 0.00	75.55 3.18 0.00	78.53 3.20 -2.68
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	60.78 2.23 0.00	56.14 2.31 0.00	56.03 2.21 0.00	55.57 2.09 0.00	55.47 2.08 0.00	57.17 2.09 -0.01	77.29 2.91 -6.79	80.93 3.62 -4.87	80.81 3.55 -4.88	67.96 3.35 -0.20	67.01 3.25 0.00	64.77 3.14 0.00	64.02 2.87 0.00	63.21 2.90 0.00	60.49 2.77 0.00	67.06 3.01 0.00	76.65 4.00 0.00	87.88 4.47 -10.07	96.57 4.55 -18.67	85.68 4.23 -8.49	81.35 4.23 -4.16	76.43 3.78 0.00	75.55 3.18 0.00	78.53 3.20 -2.68
WHITEHAL_115KV_TB1 80871	64.30 5.74 0.00	59.26 5.44 0.00	59.05 5.22 0.00	58.56 5.08 0.00	58.46 5.07 0.00	60.88 5.73 -0.09	150.40 7.17 -75.63	134.41 7.68 -54.30	134.55 7.74 -54.43	73.36 6.70 -2.26	70.20 6.44 0.00	67.48 5.85 0.00	66.78 5.63 0.00	66.05 5.73 0.00	62.98 5.25 0.00	70.20 6.15 0.00	80.36 7.70 0.00	123.82 8.29 -42.20	120.71 8.36 -39.01	119.20 8.17 -38.08	99.63 8.03 -18.65	80.65 7.99 0.00	79.89 7.53 0.00	110.39 7.92 -29.81
WHITEPLN_13_KV_LOAD 356215	62.07 3.51 0.00	57.32 3.50 0.00	57.11 3.28 0.00	56.64 3.16 0.00	56.54 3.15 0.00	58.27 3.19 -0.01	79.03 4.39 -7.04	82.92 5.43 -5.06	82.81 5.36 -5.07	69.51 4.89 -0.21	68.60 4.85 0.00	66.25 4.62 0.00	65.49 4.34 0.00	64.66 4.34 0.00	61.88 4.16 0.00	68.53 4.48 0.00	78.47 5.81 0.00	90.13 6.38 -10.41	99.09 6.45 -19.29	87.86 6.13 -8.78	83.39 6.13 -4.30	78.18 5.52 0.00	77.21 4.85 0.00	80.16 4.72 -2.78
WM_FLOYD_69_KV_BK2 356380	75.43 5.09 -11.78	70.83 5.01 -12.00	61.91 4.74 -3.35	64.48 4.71 -6.30	61.91 4.65 -3.87	70.12 4.85 -10.21	85.59 6.35 -11.63	125.79 7.53 -45.83	120.80 7.38 -41.03	94.71 6.57 -23.74	81.26 6.31 -11.18	68.49 6.04 -0.83	67.02 5.87 0.00	66.51 5.91 -0.28	71.14 5.60 -7.81	80.29 6.21 -10.03	114.39 7.99 -33.75	123.78 8.58 -41.86	119.22 8.36 -37.52	113.70 7.95 -32.79	111.91 7.88 -31.07	99.14 7.34 -19.15	98.28 6.66 -19.26	88.93 6.61 -9.66
WOODARD__115KV_TB2 355635	56.39 -2.17 0.00	52.10 -1.72 0.00	52.11 -1.72 0.00	51.82 -1.66 0.00	51.74 -1.66 0.00	53.52 -1.54 0.00	65.64 -1.96 0.00	70.41 -2.03 0.00	70.36 -2.03 0.00	62.40 -2.00 0.00	61.76 -1.98 0.02	59.71 -1.91 0.00	59.38 -1.77 0.00	58.51 -1.81 0.00	55.99 -1.73 0.00	62.19 -1.86 0.00	70.55 -2.11 0.00	71.83 -1.61 -0.11	73.45 -1.54 -1.65	70.98 -1.97 0.00	70.99 -1.97 0.00	70.62 -2.03 0.00	70.12 -2.24 0.00	70.84 -1.82 0.00
YORK___WARBASSE 23770	62.07 3.51 0.00	57.27 3.44 0.00	57.00 3.18 0.00	56.53 3.05 0.00	56.44 3.04 0.00	58.16 3.08 -0.01	78.77 4.12 -7.05	82.64 5.14 -5.07	82.38 4.92 -5.08	69.38 4.77 -0.21	68.35 4.59 0.00	66.12 4.50 0.00	65.37 4.22 0.00	64.54 4.22 0.00	61.76 4.04 0.00	68.47 4.42 0.00	78.32 5.67 0.00	90.08 6.31 -10.44	98.99 6.31 -19.33	87.59 5.84 -8.80	83.11 5.84 -4.31	77.96 5.30 0.00	76.85 4.49 0.00	79.80 4.36 -2.78