

## Arkansas: Zero and Low-Emitting Units

< 1000 lbs CO<sub>2</sub> per MWh

\*\*\*\* June 25, 2014 DRAFT \*\*\*\*

Plant Name	ORIS code	Generator ID	Fuel type	Prime mover type	Nameplate Capacity (MW)	Capacity Input	Electric Generation (MWh)	Net Energy Output (MWh)	Carbon Dioxide Emissions (Unadjusted) (tons)	Carbon Dioxide Emission Rate (lb CO <sub>2</sub> /MWh)	Capacity Utilization %	Unit Status	Exclusion Description
Arkansas Nuclear One	8055	1	NUC	ST	902.5	0	7,578,618.3	7,578,618.3	0.0	0.0	95.6%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Arkansas Nuclear One	8055	2	NUC	ST	942.5	0	7,914,512.7	7,914,512.7	0.0	0.0	95.6%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Beaver	182	1	WAT	HY	56.0	0	54,317.5	54,317.5	0.0	0.0	11.0%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Beaver	182	2	WAT	HY	56.0	0	54,317.5	54,317.5	0.0	0.0	11.0%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Blakely Mountain	197	1	WAT	HY	37.5	0	66,682.5	66,682.5	0.0	0.0	20.2%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Blakely Mountain	197	2	WAT	HY	37.5	0	66,682.5	66,682.5	0.0	0.0	20.2%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Bull Shoals	198	1	WAT	HY	40.0	0	58,081.9	58,081.9	0.0	0.0	16.5%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Bull Shoals	198	2	WAT	HY	40.0	0	58,081.9	58,081.9	0.0	0.0	16.5%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Bull Shoals	198	3	WAT	HY	40.0	0	58,081.9	58,081.9	0.0	0.0	16.5%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Bull Shoals	198	4	WAT	HY	40.0	0	58,081.9	58,081.9	0.0	0.0	16.5%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Bull Shoals	198	5	WAT	HY	45.0	0	65,342.1	65,342.1	0.0	0.0	16.5%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Bull Shoals	198	6	WAT	HY	45.0	0	65,342.1	65,342.1	0.0	0.0	16.5%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Bull Shoals	198	7	WAT	HY	45.0	0	65,342.1	65,342.1	0.0	0.0	16.5%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Bull Shoals	198	8	WAT	HY	45.0	0	65,342.1	65,342.1	0.0	0.0	16.5%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Carpenter	166	1	WAT	HY	28.0	0	40,524.5	40,524.5	0.0	0.0	16.5%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Carpenter	166	2	WAT	HY	28.0	0	40,524.5	40,524.5	0.0	0.0	16.5%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Dam 2	7246	1	WAT	HY	34.2	0	91,187.3	91,187.3	0.0	0.0	30.4%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Dam 2	7246	2	WAT	HY	34.2	0	91,187.3	91,187.3	0.0	0.0	30.4%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Dam 2	7246	3	WAT	HY	34.2	0	91,187.3	91,187.3	0.0	0.0	30.4%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Dardanelle	199	1	WAT	HY	40.2	0	86,937.8	86,937.8	0.0	0.0	24.6%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Dardanelle	199	2	WAT	HY	40.2	0	86,937.8	86,937.8	0.0	0.0	24.6%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Dardanelle	199	3	WAT	HY	40.2	0	86,937.8	86,937.8	0.0	0.0	24.6%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Dardanelle	199	4	WAT	HY	40.2	0	86,937.8	86,937.8	0.0	0.0	24.6%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Degray	187	1	WAT	HY	40.0	0	4,255.0	4,255.0	0.0	0.0	1.2%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Degray	187	2	WAT	PS	28.0	0	42,410.0	42,410.0	0.0	0.0	17.2%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Dell Power Station	55340	STG	NG	CC	280.5	3,646	284,097.2	284,097.2	131,062.1	922.7	11.5%	Operating	
Dell Power Station	55340	CTG1	NG	CC	199.3	3,646	201,855.9	201,855.9	93,121.8	922.7	11.5%	Operating	
Dell Power Station	55340	CTG2	NG	CC	199.3	3,646	201,855.9	201,855.9	93,121.8	922.7	11.5%	Operating	
Ellis	7040	1	WAT	HY	10.8	0	24,622.3	24,622.3	0.0	0.0	26.0%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Ellis	7040	2	WAT	HY	10.8	0	24,622.3	24,622.3	0.0	0.0	26.0%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Ellis	7040	3	WAT	HY	10.8	0	24,622.3	24,622.3	0.0	0.0	26.0%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Greers Ferry Lake	188	1	WAT	HY	48.0	0	79,420.0	79,420.0	0.0	0.0	18.8%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Greers Ferry Lake	188	2	WAT	HY	48.0	0	79,420.0	79,420.0	0.0	0.0	18.8%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Harry D Mattison Gas Plant	56328	4	NG	GT	88.0	1,078	25,663.0	25,663.0	11,561.2	901.0	3.3%	Stand-By	
Hot Spring Generating Facility	55418	ST1	NG	CC	317.0	2,650	227,786.8	227,786.8	100,295.2	880.6	8.2%	Operating	
Hot Spring Generating Facility	55418	CT1	NG	CC	198.9	2,650	142,923.6	142,923.6	62,929.7	880.6	8.2%	Operating	
Hot Spring Generating Facility	55418	CT2	NG	CC	198.9	2,650	142,923.6	142,923.6	62,929.7	880.6	8.2%	Operating	
Magnet Cove	55714	GT1	NG	CC	242.0	2,800	836,463.9	836,463.9	351,046.1	839.4	39.3%	Operating	
Magnet Cove	55714	GT2	NG	CC	242.0	2,800	836,463.9	836,463.9	351,046.1	839.4	39.3%	Operating	

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Plant Name	ORIS code	Generator ID	Fuel type	Prime mover type	Nameplate Capacity (MW)	Capacity Input	Electric Generation (MWh)	Net Energy Output (MWh)	Carbon Dioxide Emissions (Unadjusted) (tons)	Carbon Dioxide Emission Rate (lb CO <sub>2</sub> /MWh)	Capacity Utilization %	Unit Status	Exclusion Description
Magnet Cove	55714	ST1	NG	CC	262.0	2,800	905,593.2	905,593.2	380,058.2	839.4	39.3%	Operating	
Murray	7166	1	WAT	HY	22.7	0	48,130.0	48,130.0	0.0	0.0	24.1%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Murray	7166	2	WAT	HY	22.7	0	48,130.0	48,130.0	0.0	0.0	24.1%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Narrows	195	1	WAT	HY	8.5	0	9,236.3	9,236.3	0.0	0.0	12.4%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Narrows	195	2	WAT	HY	8.5	0	9,236.3	9,236.3	0.0	0.0	12.4%	Out of Service	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Narrows	195	3	WAT	HY	8.5	0	9,236.3	9,236.3	0.0	0.0	12.4%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Norfork	196	1	WAT	HY	40.2	0	77,215.0	77,215.0	0.0	0.0	21.9%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Norfork	196	2	WAT	HY	40.2	0	77,215.0	77,215.0	0.0	0.0	21.9%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Ozark	6142	1	WAT	HY	20.0	0	17,946.0	17,946.0	0.0	0.0	10.2%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Ozark	6142	2	WAT	HY	20.0	0	17,946.0	17,946.0	0.0	0.0	10.2%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Ozark	6142	3	WAT	HY	20.0	0	17,946.0	17,946.0	0.0	0.0	10.2%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Ozark	6142	4	WAT	HY	20.0	0	17,946.0	17,946.0	0.0	0.0	10.2%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Ozark	6142	5	WAT	HY	20.0	0	17,946.0	17,946.0	0.0	0.0	10.2%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Rommel	174	1	WAT	HY	3.0	0	9,059.0	9,059.0	0.0	0.0	34.4%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Rommel	174	2	WAT	HY	3.0	0	9,059.0	9,059.0	0.0	0.0	34.4%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Rommel	174	3	WAT	HY	3.0	0	9,059.0	9,059.0	0.0	0.0	34.4%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Union Power Partners LP	55380	CTG1	NG	CC	176.0	2,319	718,446.2	718,446.2	311,843.6	868.1	46.5%	Operating	
Union Power Partners LP	55380	CTG2	NG	CC	176.0	2,319	718,446.2	718,446.2	311,843.6	868.1	46.5%	Operating	
Union Power Partners LP	55380	CTG3	NG	CC	176.0	2,319	718,446.2	718,446.2	311,843.6	868.1	46.5%	Operating	
Union Power Partners LP	55380	CTG4	NG	CC	176.0	2,319	718,446.2	718,446.2	311,843.6	868.1	46.5%	Operating	
Union Power Partners LP	55380	CTG5	NG	CC	176.0	2,319	718,446.2	718,446.2	311,843.6	868.1	46.5%	Operating	
Union Power Partners LP	55380	CTG6	NG	CC	176.0	2,319	718,446.2	718,446.2	311,843.6	868.1	46.5%	Operating	
Union Power Partners LP	55380	CTG7	NG	CC	176.0	2,319	718,446.2	718,446.2	311,843.6	868.1	46.5%	Operating	
Union Power Partners LP	55380	CTG8	NG	CC	176.0	2,319	718,446.2	718,446.2	311,843.6	868.1	46.5%	Operating	
Union Power Partners LP	55380	STG1	NG	CC	255.0	2,319	1,040,930.6	1,040,930.6	451,818.9	868.1	46.5%	Operating	
Union Power Partners LP	55380	STG2	NG	CC	255.0	2,319	1,040,930.6	1,040,930.6	451,818.9	868.1	46.5%	Operating	
Union Power Partners LP	55380	STG3	NG	CC	255.0	2,319	1,040,930.6	1,040,930.6	451,818.9	868.1	46.5%	Operating	
Union Power Partners LP	55380	STG4	NG	CC	255.0	2,319	1,040,930.6	1,040,930.6	451,818.9	868.1	46.5%	Operating	
Whillock	7135	1	WAT	HY	10.8	0	28,425.0	28,425.0	0.0	0.0	30.0%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Whillock	7135	2	WAT	HY	10.8	0	28,425.0	28,425.0	0.0	0.0	30.0%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
Whillock	7135	3	WAT	HY	10.8	0	28,425.0	28,425.0	0.0	0.0	30.0%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
White River Lock and Dam 1	57160	LD#1	WAT	HY	4.3	0	13,809.0	13,809.0	0.0	0.0	36.6%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
White River Lock and Dam 2	57161	LD#2	WAT	HY	3.5	0	11,508.0	11,508.0	0.0	0.0	37.4%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)
White River Lock and Dam 3	57162	LD#3	WAT	HY	4.3	0	20,704.0	20,704.0	0.0	0.0	54.8%	Operating	Non Combustion (NUC, WAT, WND, GEO, or SUN)