Appendix B Assessment Results by State

# Appendix B Assessment Results by State

This appendix contains the results of water energy resource assessments of the 50 states of the United States. The state results are presented in the two part table, Table B-0, to facilitate lookup of power potential values and comparison of these values amongst the states. This summary information is followed by 50 sections, each developed to a particular state. Each section has the same format, which includes the following tables and figures:

- Table of total, developed, excluded, and available power potential by power class
- Pie chart showing the developed, excluded, and available fractions of the total power potential
- Pie chart showing the high power, high head/ low power, and low head/low power fractions of the total available power potential
- Pie chart showing the fractions of the low head/low power power potential corresponding to the operating envelopes of conventional turbines, unconventional systems, and microhydro technology classes
- Two panel power potential distribution map with the upper panel showing the locations of low head/low power power potential sites differentiated by the corresponding low head/low power hydropower technology class and the lower panel showing the locations of existing hydroelectric power plants and sites of high head/low power potential.

Negative available power potential values in the high head/high power class occurred for six states: Florida, Iowa, Nebraska, Nevada, North Dakota, and South Dakota. In addition, negative excluded power potential values in the high head/high power class occurred for two of these states: Nevada and South Dakota. These anomalies are thought to have occurred because the developed power is actually generated using resources that are in other power classes, e.g., where a reservoir overlays resources other than those in the high head/high power class.

In order to address these anomalies, we reasoned that in the cases where negative excluded potentials occurred in the high head/high power power class, all the power potential in exclusion zones for this power class has been developed. Thus the excluded power potential for high head/high power class in these cases was set equal to zero. The amount of developed power in the high head/high power class exceeding the difference between the total high head/high power power potential and the sum of the developed and excluded power potentials in this power class was "rolled down" into lower power classes. In the cases of Florida, Iowa, and Nebraska, the "excess" developed power was simply moved to the low head/high power class. If the excess developed power could not all be moved into the low head/high power class without creating a negative available power potential value, the developed power in this class was raised to the maximum value, resulting in a zero available power for this class. The balance of the excess developed power was moved to the low power classes. In the case of Nevada, which had developed power in the low power power classes, the balance of the excess developed power was apportioned to the low power classes by the amount of developed power that was originally assigned to them. In the cases of North and South Dakota where there was no developed power in the low power class, the excess developed power was rolled down into the low power classes by the maximum amount they could absorb without creating a negative value for available power potential in the power class. Data values affected by assuming that all excluded potential has been developed and by developed power redistribution are shown in yellow font on a green background in the data tables in this appendix.

The results presented in this appendix do not include any assessment of the feasibility of developing or the actual availability for development of any power resources. The term "available" used in the tables and figures in this appendix only denotes the net amount of power potential after subtracting the amounts of developed and excluded power potential from the gross amount of power potential.

		Total Pote	ntial		Av:	ailable Poten			w Head/Low Pov	ver Potential	
Name	Total (MW)	Developed (MW)	Excluded (MW)	Available (MW)	High Power (MW)	High Head/ Low Power (MW)	Low Head/ Low Power (MW)	Conventional Turbines (MW)	Unconventional Systems (MW)	Microhydro (MW)	Name
Alabama	3,165	1,113	44	2,008	1,168	240	600	240	91	269	Alabama
Alaska	87,028	171	42,429	44,428	36,240		2,616	897	409	1,310	Alaska
Arizona	3,587	928	1,244	1,415	483		467	154	38	275	Arizona
Arkansas	4,904	405	407	4,092	3,281	323	488	155	110	223	Arkansas
California	26,638	4,699	11,628	10,311	7,770		622	194	76	352	California
Colorado	7,413	246	2,275	4,892	2,978		585	239	59	287	Colorado
Connecticut	432	55	18	359	210		48	12	11	25	Connecticut
Delaware	24	0	0	24	15			1	2	4	Delaware
Florida	446	32	14	400	176	13		41	70	100	Florida
Georgia	2,249	429	208	1,612	831	229	552	186	123	243	Georgia
Hawaii	2,245	423	459	1825	1,682		9	100	0	243	Hawaii
	2,304	1,288	5,545				539	178	71	290	
Idaho			5,545 297	11,961	9,386						Idaho
Illinois	1,902	27		1,578	1,146		393	103	100	190	Illinois
Indiana	1,587	67	4	1,516	1,124	82	310	116	61	133	Indiana
lowa	1,124	95	127	902	361	49	492	183	108	201	lowa
Kansas	989	1	3	985	418		529	190	80	259	Kansas
Kentucky	4,116	383	46	3,687	3,112		378	134	49	195	Kentucky
Louisiana	2,236	89	129	2,018	1,764	11	243	68	72	103	Louisiana
Maine	2,766	432	71	2,263	1,511	467	285	104	39	142	Maine
Maryland	845	203	298	344	211	74	59	21	3	35	Maryland
Massachussetts	675	126	29	520	358		60	20	6	34	Massachusset
Michigan	1,220	209	224	787	194	180	413	152	51	210	Michigan
Minnesota	1,410	128	249	1,033	445	166	422	139	72	211	Minnesota
Mississippi	4,496	0	450	4,046	3,477	61	508	172	127	209	Mississippi
Missouri	4,549	129	117	4,303	3,395	185	723	277	98	348	Missouri
Montana	6,379	1,192	2,179	3,008	1,515	897	596	208	91	297	Montana
Nebraska	1,222	152	103	967	348	69	550	280	71	199	Nebraska
Nevada	1,137	263	147	727	0	343	385	41	8	336	Nevada
New Hampshire	1,181	187	89	905	578	239	88	34	16	38	New Hampshin
New Jersey	300	6	38	256	168		51	19	5	27	New Jersey
New Mexico	1,729	30	368	1,331	383		458	110	36	312	New Mexico
New York	4,902	2,861	110	1,931	429		466	170	69	227	New York
North Carolina	2,750	610	491	1,649	911	378	360	117	71	172	North Carolina
North Dakota	2,730	270	401	11	511	0,0		0	0	11	North Dakota
Ohio	1,280	63	81	1,136	604	144	388	152	54	182	Ohio
Oklahoma	1,511	239	23	1,249	481	114	654	282	152	220	Oklahoma
	18,397	3,271	5.835	9,291	6,691	1,931	669	202	89	351	
Oregon Deppeutropie	4,754	3,271	5,835 488	3,982	2,535		498	185	56	257	Oregon Depresivenie
Pennsylvania	4,/54		488					185	56		Pennsylvania Dhada laland
Rhode Island		4		33	15					6	Rhode Island
South Carolina	1,325	428	49	848	509	78		69	79	113	South Carolina
South Dakota	858	622	67	169	0.000	0		0	0	169	South Dakota
Tennessee	5,284	1,082	472	3,730	2,900		433	145	78	210	Tennessee
Texas	2,336	189	119	2,028	361	242	1,425	438	242	745	Texas
Utah	3,924	135	933	2,856	1,513		373	87	32	254	Utah
Vermont	1,144	128	49	967	538		84	36	15	33	Vermont
Virginia	2,220	147	194	1,879	1,120		349	127	49	173	Virginia
Washington	30,803	11,470	6,893	12,440	10,645		410	138	74	198	Washington
West Virginia	3,427	140	753	2,534	1,848	452	234	82	33	119	West Virginia
Wisconsin	1,595	264	189	1,142	602		402	131	68	203	Wisconsin
Wyoming	6,058	117	2,768	3,173	1,904	801	468	194	47	227	Wyoming
U.S. Total	289,741	35,429	88,761	165,551	118,334	25,868	21,350	7,253	3,362	10,735	

Table B-0A. Summary of state water energy resources power potentials (annual mean power) by category and power class.

Note 1: No feasibility or availability assessments have been performed. "Available" only indicates net potential after subtracting developed and excluded potentials from total potential. Note 2: The U.S. total, excluded, and available potentials listed in Table A-0 are 1–4% higher than the values in this table, which contains more accurate U.S. values. Note 3: Numbers in yellow font indicate values that have been adjusted. See power table in individual state section of this appendix for explanation.

		I otal Pote	Total Potential		Av	Available Potential		Available Low Head/Low Power Potential			
	3	- · ·		b		High Head/	Low Head/	Conventional	Unconventional	d	
Name	Total <sup>3</sup>	Developed <sup>b</sup>	Excluded <sup>b</sup>	Available <sup>b</sup>	High Power <sup>6</sup>	Low Power <sup>6</sup>	Low Power <sup>6</sup>	Turbines <sup>d</sup>	Systems	Microhydro <sup>d</sup>	Name
Alabama	1%	35%	1%	63%	58%	12%	30%	40%	15%	45%	Alabama
Alaska	31%	0%	45%	55%	83%	11%	5%	34%	15%	51%	Alaska
Arizona	1%	26%	35%	39%	34%	33%	33%	33%	8%	59%	Arizona
Arkansas	2%	8%	8%	83%	80%	8%	12%	32%	23%	46%	Arkansas
California	9%	18%	44%	39%	75%	19%	6%	31%	12%	57%	California
Colorado	3%	3%	31%	66%	61%	27%	12%	41%	10%	49%	Colorado
Connecticut	0%	13%	4%	83%	58%	28%	13%	25%	23%	52%	Connecticut
Delaware	0%	0%	0%	100%	63%	8%	29%	14%	29%	57%	Delaware
Florida	0%	7%	3%	90%	44%	3%	53%	19%	33%	47%	Florida
Georgia	1%	19%	9%	72%	52%	14%	34%	34%	22%	44%	Georgia
Hawaii	1%	1%	20%	79%	92%	7%	0%	11%	0%	89%	Hawaii
daho	6%	7%	30%	64%	78%	17%	5%	33%	13%	54%	Idaho
Illinois	1%	1%	16%	83%	73%	2%	25%	26%	25%	48%	Illinois
Indiana	1%	4%	0%	96%	74%	5%	20%	37%	20%	43%	Indiana
owa	0%	8%	11%	80%	40%	5%	55%	37%	22%	41%	lowa
Kansas	0%	0%	0%	100%	42%	4%	54%	36%	15%	49%	Kansas
Kentucky	1%	9%	1%	90%	84%	5%	10%	35%	13%	52%	Kentucky
Louisiana	1%	4%	6%	90%	87%	1%	12%	28%	30%	42%	Louisiana
Maine	1%	16%	3%	82%	67%	21%	13%	36%	14%	50%	Maine
Maryland	0%	24%	35%	41%	61%	22%	17%	36%	5%	59%	Maryland
Massachussetts	0%	19%	4%	77%	69%	20%	12%	33%	10%	57%	Massachusset
Michigan	0%	17%	18%	65%	25%	23%	52%	37%	12%	51%	Michigan
Vinnesota	0%	9%	18%	73%	43%	16%	41%	33%	17%	50%	Minnesota
Mississippi	2%	0%	10%	90%	86%	2%	13%	34%	25%	41%	Mississippi
Missouri	2%	3%	3%	95%	79%	4%	17%	38%	14%	48%	Missouri
Montana	2%	19%	34%	47%	50%	30%	20%	35%	15%	50%	Montana
Nebraska	0%	12%	8%	79%	36%	7%	57%	51%	13%	36%	Nebraska
Nevada	0%	23%	13%	64%	0%	47%	53%	11%	2%	87%	Nevada
New Hampshire	0%	16%	8%	77%	64%	26%	10%	39%	18%	43%	New Hampshir
New Jersey	0%	2%	13%	85%	66%	14%	20%	37%	10%	53%	New Jersey
New Mexico	1%	2%	21%	77%	29%	37%	34%	24%	8%	68%	New Mexico
New York	2%	58%	2%	39%	22%	54%	24%	36%	15%	49%	New York
North Carolina	1%	22%	18%	60%	55%	23%	22%	33%	20%	48%	North Carolina
North Dakota	0%	93%	3%	4%	0%	0%	100%	0%	0%	100%	North Dakota
Ohio	0%	5%	6%	89%	53%	13%	34%	39%	14%	47%	Ohio
Oklahoma	1%	16%	2%	83%	39%	9%	52%	43%	23%	34%	Oklahoma
Oregon	6%	18%	32%	51%	72%	21%	7%	34%	13%	52%	Oregon
Pennsylvania	2%	6%	10%	84%	64%	24%	13%	37%	11%	52%	Pennsylvania
Rhode Island	0%	11%	0%	89%	45%	27%	27%	22%	11%	67%	Rhode Island
South Carolina	0%	32%	4%	64%	60%	9%	31%	26%	30%	43%	South Carolina
South Dakota	0%	72%	8%	20%	0%	0%	100%	0%	0%	100%	South Dakota
Tennessee	2%	20%	9%	71%	78%	11%	12%	33%	18%	48%	Tennessee
Texas	1%	8%	5%	87%	18%	12%	70%	31%	17%	52%	Texas
Utah	1%	3%	24%	73%	53%	34%	13%	23%	9%	68%	Utah
Vermont	0%	11%	4%	85%	56%	36%	9%	43%	18%	39%	Vermont
Virginia	1%	7%	9%	85%	60%	22%	19%	36%	14%	50%	Virginia
Washington	10%	37%	22%	40%	86%	11%	3%	34%	18%	48%	Washington
West Virginia	1%	4%	22%	74%	73%	11 %	9%	35%	14%	40 % 51%	West Virginia
Wisconsin	1%	4 %	12%	74%	53%	12%	35%	33%	14 %	50%	Wisconsin
/visconsin /Vyoming	1%	2%	46%	52%	53% 60%	25%	30% 15%	33% 41%	17%	<b>30%</b> 49%	Wyoming
. je.ning	E 10			02.70		2010			1070		. / joining
U.S. Average		12%	30%	58%	72%	15%	12%	34%	16%	50%	

Table B-0B. Summary of state water energy resources power potential percentages of totals by category and power class.

a. Regional percentage of total U.S. hydropower potential b. Percentage of regional total hydropower potential

Note 2: Bolded figures indicate values greater than or equal to the U.S. average. Note 3: Blue background indicates constituent with the largest percentage.

Note 4: Numbers in yellow font indicate values that have been adjusted. See power table in individual state sections of this appendix for explanation.

Note 1: No feasibility or availability assessments have been performed. "Available" only indicates net potential after subtracting developed and excluded potentials from total potential.

c. Percentage of regional total available hydropower potential
 d. Percentage of regional total available hydropower hydropower potential

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#### B.1 Alabama

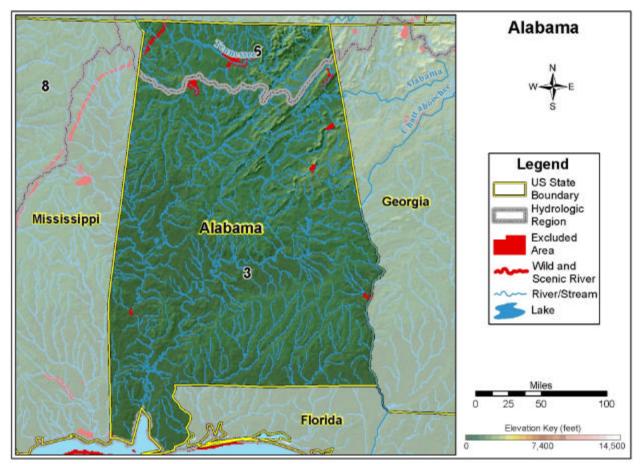


Figure B-1. Alabama.

Table B-1. Summary of results of water energy resource assessment of Alabama.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	3,165	1,113	44	2,008
TOTAL HIGH POWER	2,312	1,113	31	1,168
High Head/High Power	1,491	1,113	22	356
Low Head/High Power	821	0	9	812
TOTAL LOW POWER	853	0	13	840
High Head/Low Power	246	0	6	240
Low Head/Low Power	607	0	7	600
Conventional Turbine	242	0	2	240
Unconventional Systems	93	0	2	91
Microhydro	272	0	3	269
<ul> <li>No feasibility or availability assessments ha developed and excluded potentials from tot</li> </ul>		d. "Available" only indic	ates net potential aft	er subtracting

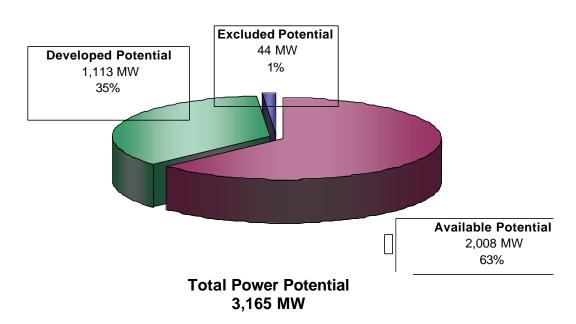


Figure B-2. Power category distribution of the total power potential (annual mean power) of water energy resources in Alabama.

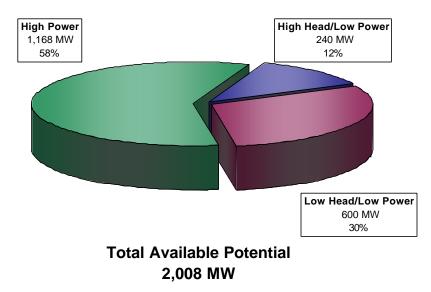


Figure B-3. Power class distribution of the available power potential (annual mean power) of water energy resources in Alabama.

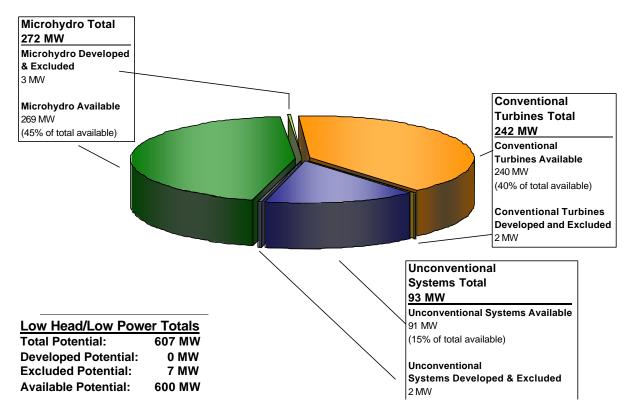


Figure B-4. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Alabama among three low head/low power hydropower technology classes.

## Alabama

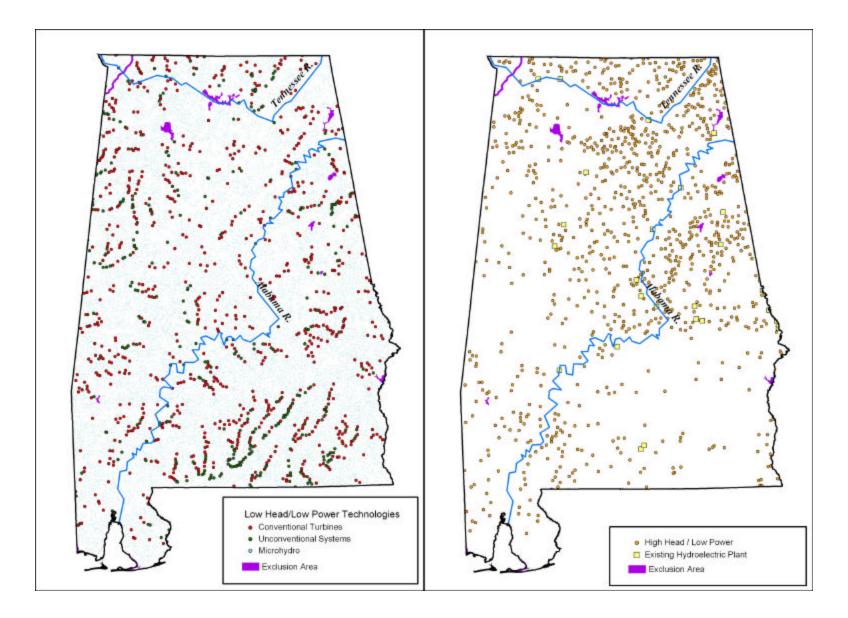


Figure B-5. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Alabama.

#### B.2 Alaska

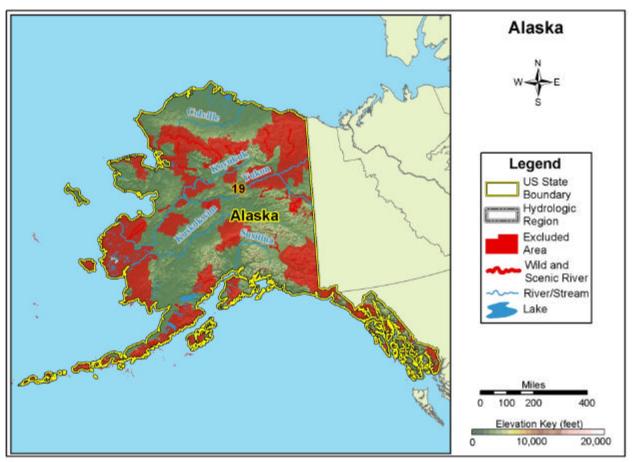


Figure B-6. Alaska.

Table B-2. Summary of results of water energy resource assessment of Alaska.

Annual Mean Power (MW)	Total	Developed	Excluded	Available <sup>a</sup>
TOTAL POWER	87,028	171	42,429	44,428
TOTAL HIGH POWER	72,632	167	36,225	36,240
High Head/High Power	45,782	167	22,246	23,369
Low Head/High Power	26,850	0	13,979	12,871
TOTAL LOW POWER	14,396	4	6,204	8,188
High Head/Low Power	10,243	4	4,667	5,572
Low Head/Low Power	4,153	0	1,537	2,616
Conventional Turbine	1,418	0	521	897
Unconventional Systems	683	0	274	409
Microhydro	2,052	0	742	1,310
<ul> <li>No feasibility or availability assessments ha developed and excluded potentials from total</li> </ul>		I. "Available" only indica	ates net potential afte	er subtracting

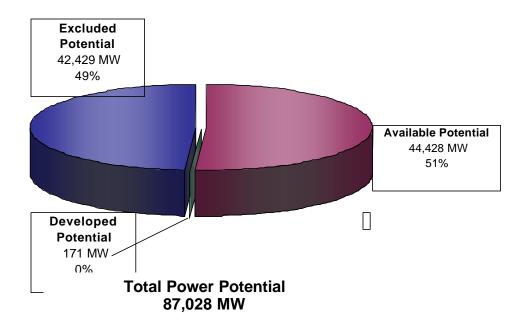


Figure B-7. Power category distribution of the total power potential (annual mean power) of water energy resources in Alaska.

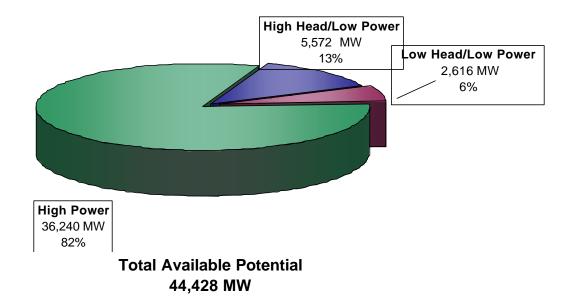


Figure B-8. Power class distribution of the available power potential (annual mean power) of water energy resources in Alaska.

Alaska

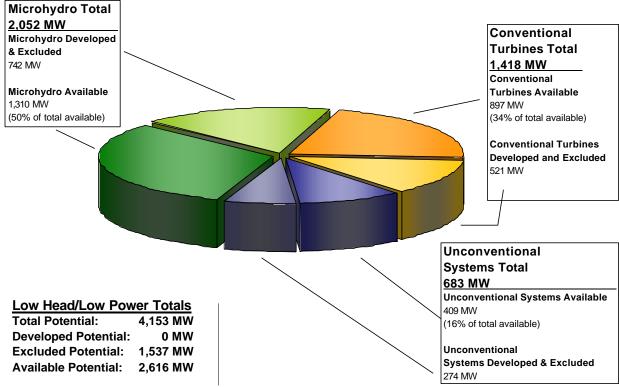


Figure B-9. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Alaska among three low head/low power hydropower technology classes.

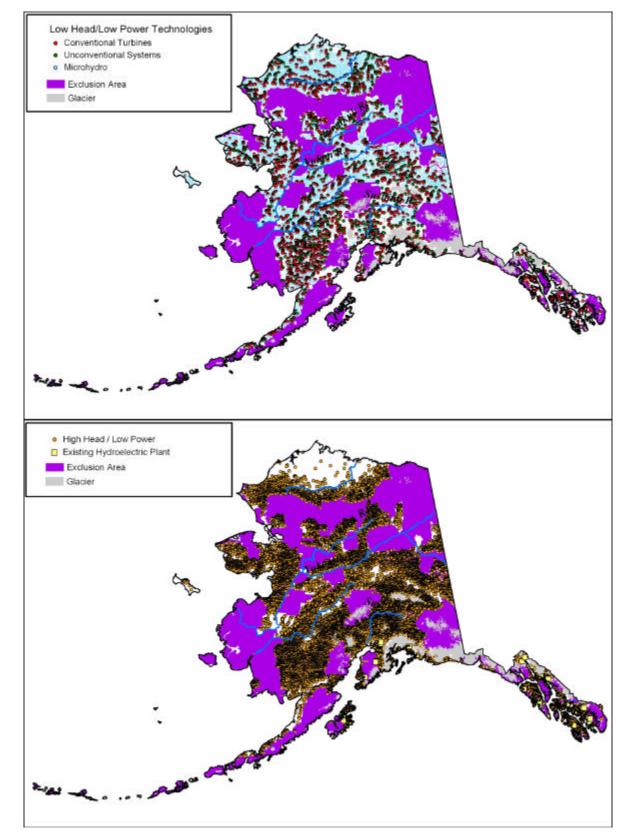


Figure B-10. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Alaska.

#### B.3 Arizona

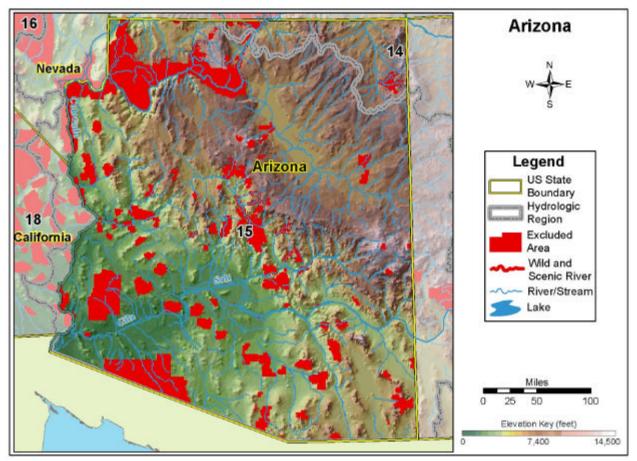
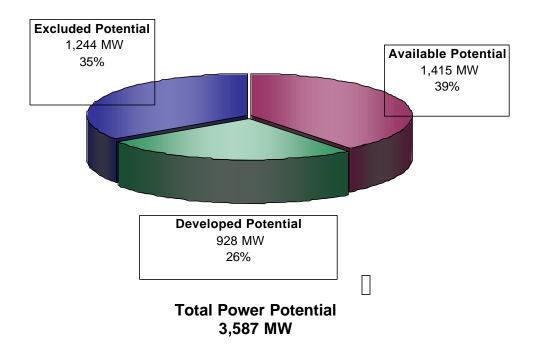
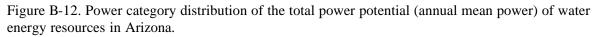


Figure B-11. Arizona.

Table B-3. Summary of results of water energy resource assessment of Arizona.

Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
3,587	928	1,244	1,415
2,396	927	986	483
1,764	927	434	403
632	0	552	80
1,191	1	258	932
643	1	177	465
548	0	81	467
171	0	17	154
50	0	12	38
327	0	52	275
	3,587 2,396 1,764 632 1,191 643 548 171 50	3,587       928         2,396       927         1,764       927         632       0         1,191       1         643       1         548       0         171       0         50       0	3,587       928       1,244         2,396       927       986         1,764       927       434         632       0       552         1,191       1       258         643       1       177         548       0       81         171       0       17         50       0       12





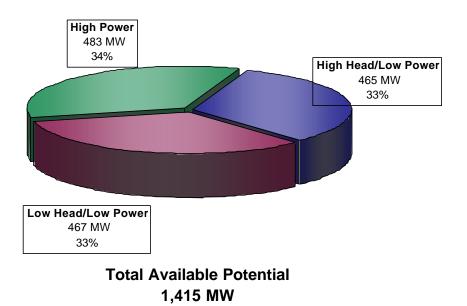


Figure B-13. Power class distribution of the available power potential (annual mean power) of water energy resources in Arizona.

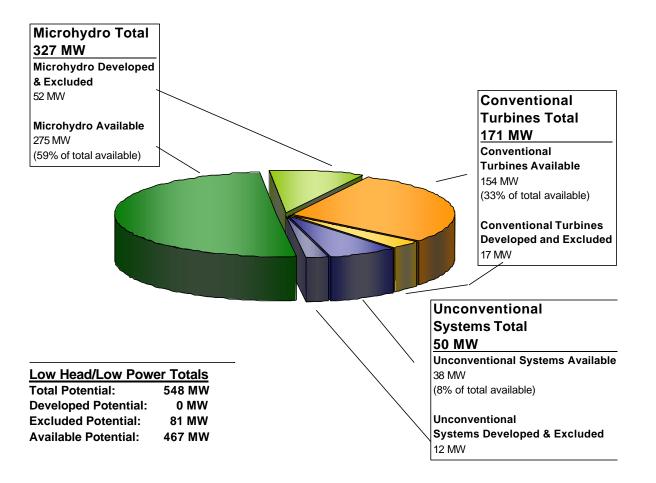


Figure B-14. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Arizona among three low head/low power hydropower technology classes.

## Arizona

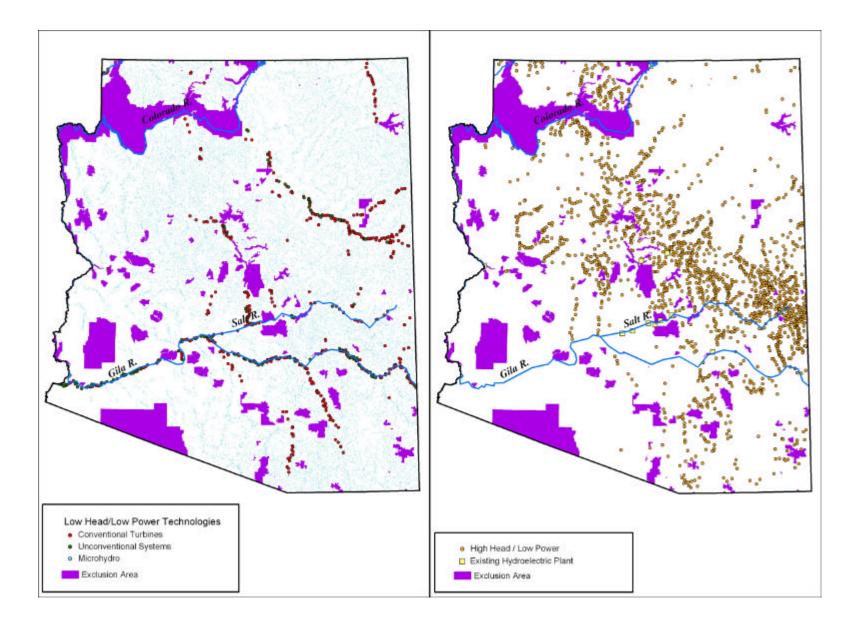


Figure B-15. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Arizona.

#### **B.4** Arkansas

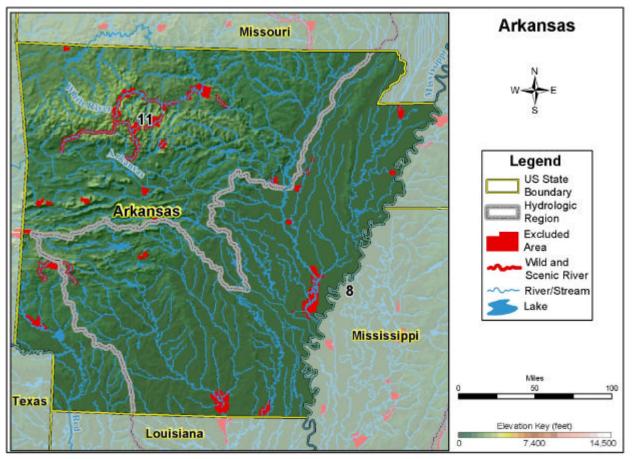


Figure B-16. Arkansas.

Table B-4. Summary of results of water energy resource assessment of Arkansas.

Annual Mean Power (MW)	Total	Developed	Excluded	Available <sup>a</sup>
TOTAL POWER	4,904	405	407	4,092
TOTAL HIGH POWER	3,999	404	314	3,281
High Head/High Power	389	307	43	39
Low Head/High Power	3,610	97	271	3,242
TOTAL LOW POWER	905	1	93	811
High Head/Low Power	380	1	56	323
Low Head/Low Power	525	0	37	488
Conventional Turbine	173	0	18	155
Unconventional Systems	118	0	8	110
Microhydro	234	0	11	223



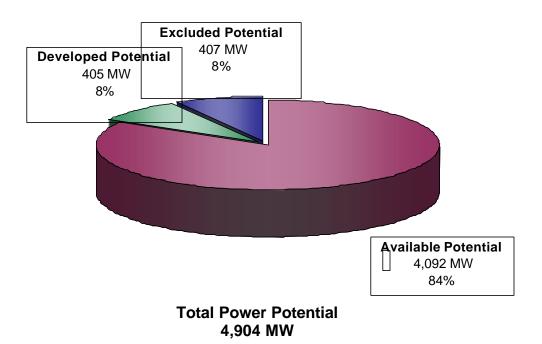


Figure B-17. Power category distribution of the total power potential (annual mean power) of water energy resources in Arkansas.

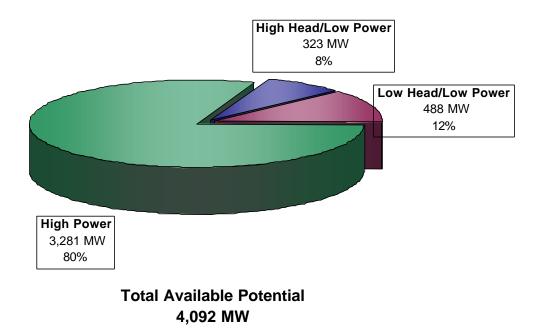


Figure B-18. Power class distribution of the available power potential (annual mean power) of water energy resources in Arkansas.

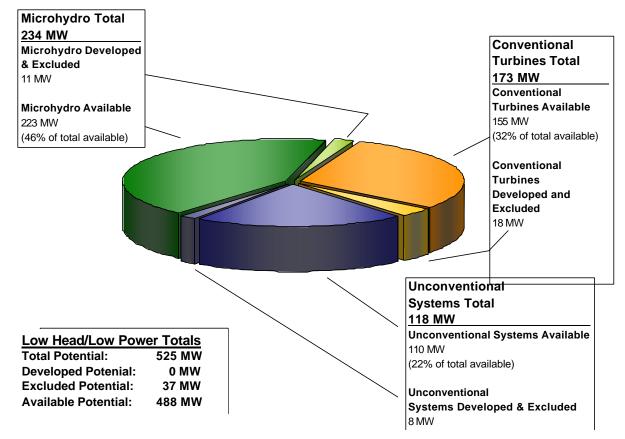


Figure B-19. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Arkansas among three low head/low power hydropower technology classes.

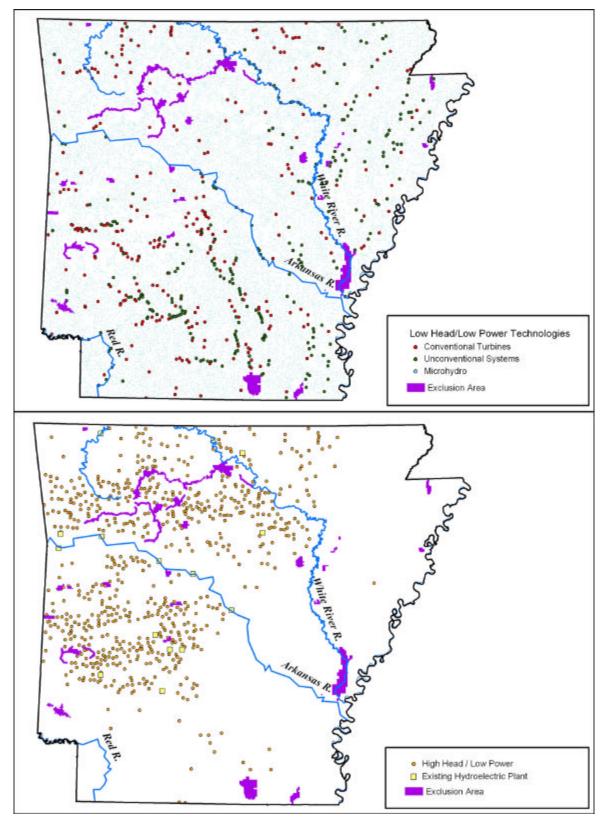


Figure B-20. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Arkansas.

#### **B.5** California

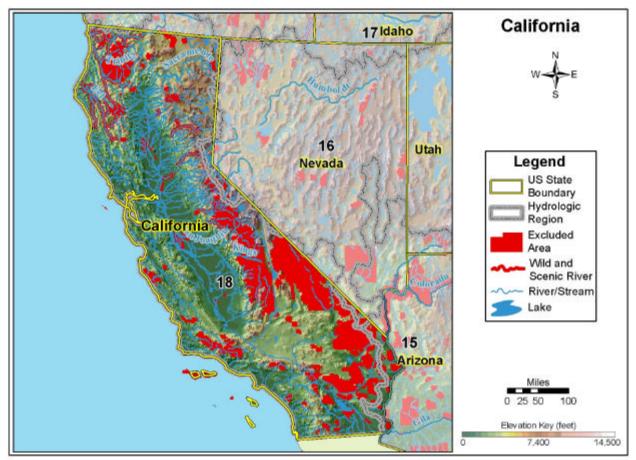


Figure B-21. California.

Table B-5. Summary of results of water energy assessment of California.

Annual Mean Power (MW)	Total	Developed	Excluded	Available <sup>a</sup>
TOTAL POWER	26,638	4,699	11,628	10,311
TOTAL HIGH POWER	22,920	4,643	10,507	7,770
High Head/High Power	21,366	4,621	9,471	7,274
Low Head/High Power	1,554	22	1,036	496
TOTAL LOW POWER	3,718	56	1,121	2,541
High Head/Low Power	2,934	47	968	1,919
Low Head/Low Power	784	9	153	622
Conventional Turbine	235	5	36	194
Unconventional Systems	101	1	24	76
Microhydro	448	3	93	352
<ul> <li>No feasibility or availability assessments have developed and excluded potentials from total</li> </ul>		vailable" only indicate	es net potential afte	r subtracting

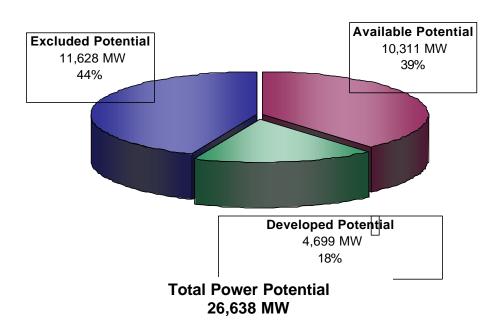
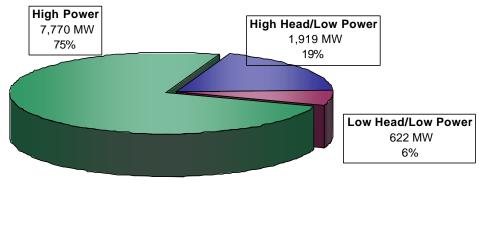


Figure B-22. Power category distribution of the total power potential (annual mean power) of water energy resources in California.



#### Total Available Potential 10,311 MW

Figure B-23. Power class distribution of the available power potential (annual mean power) of water energy resources in California.

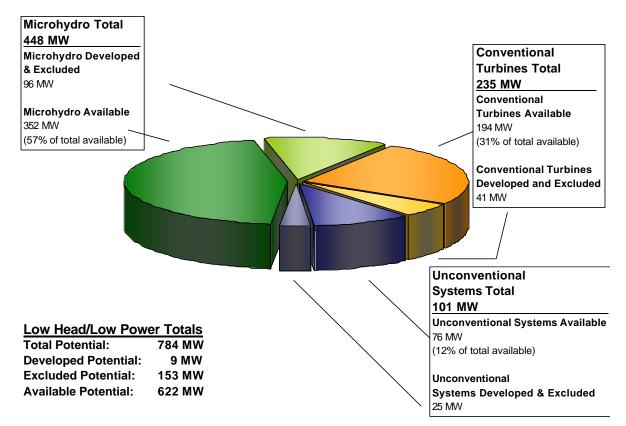


Figure B-24. Distribution of the low head/low power power potential (annual mean power) of water energy resources in California among three low head/low power hydropower technology classes.

### California

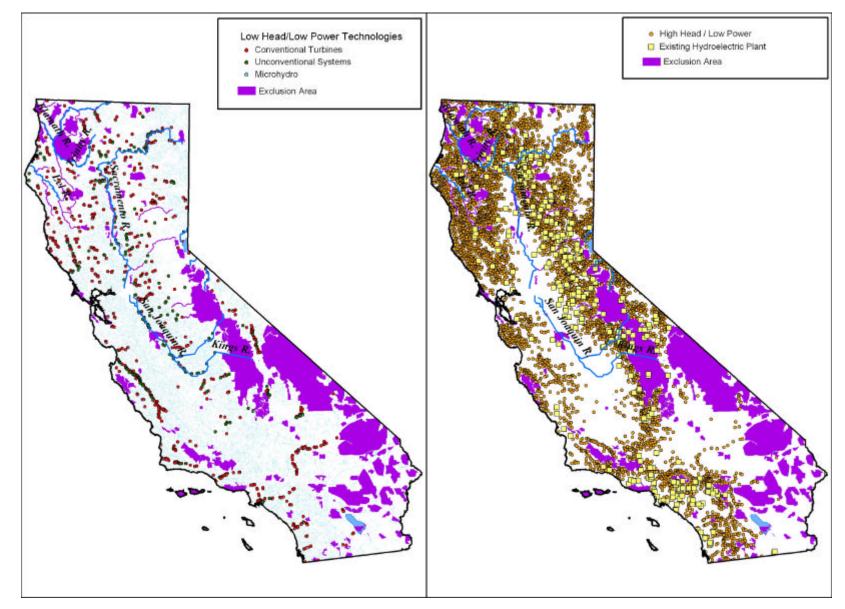


Figure B-25. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in California.

### B.6 Colorado

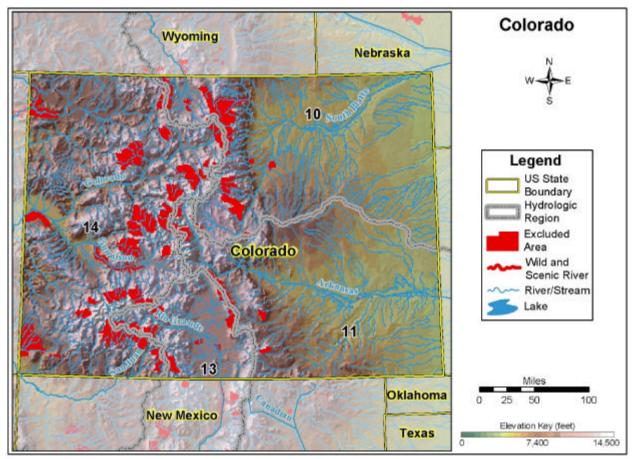


Figure B-26. Colorado.

Table B-6. Summary of results of water energy resource assessment of Colorado.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	7,413	246	2,275	4,892
TOTAL HIGH POWER	4,940	236	1,726	2,978
High Head/High Power	4,411	236	1,664	2,511
Low Head/High Power	529	0	62	467
TOTAL LOW POWER	2,473	10	549	1,914
High Head/Low Power	1,844	10	505	1,329
Low Head/Low Power	629	0	44	585
Conventional Turbine	249	0	10	239
Unconventional Systems	65	0	6	59
Microhydro	315	0	28	287
<ul> <li>No feasibility or availability assessments ha developed and excluded potentials from total</li> </ul>		d. "Available" only indic	ates net potential aft	er subtracting

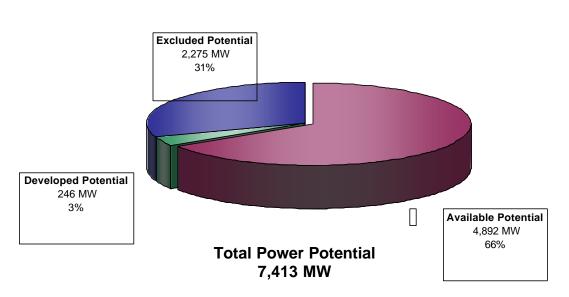


Figure B-27. Power category distribution of the total power potential (annual mean power) of water energy resources in Colorado.

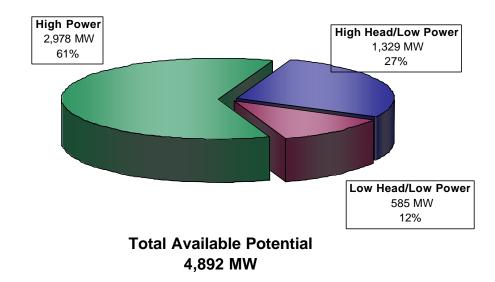


Figure B-28. Power class distribution of the available power potential (annual mean power) of water energy resources in Colorado.

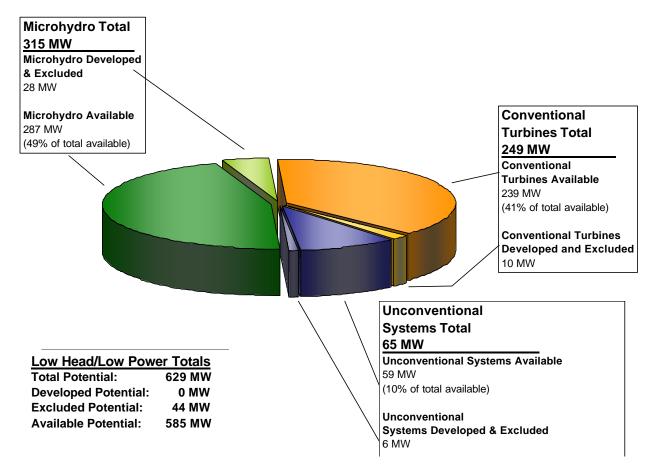


Figure B-29. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Colorado among three low head/low power hydropower technology classes.



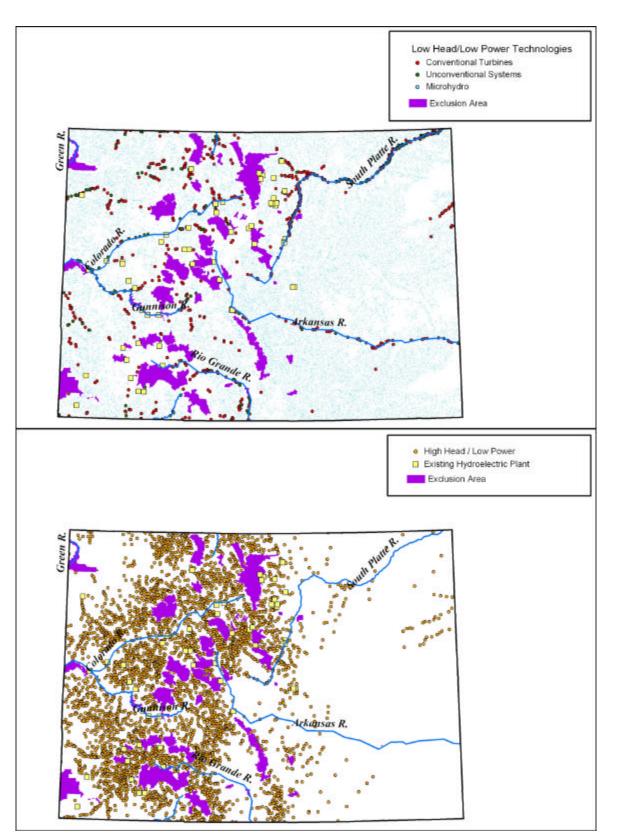


Figure B-30. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Colorado.

#### **B.7** Connecticut

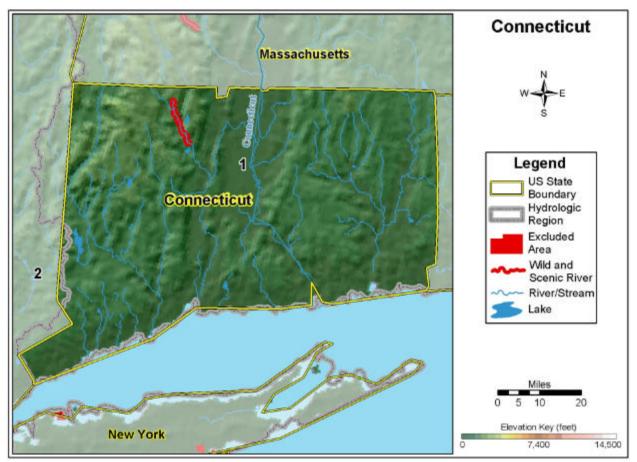


Figure B-31. Connecticut.

Table B-7. Summary of results of water energy resource assessment of Connecticut.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	432	55	18	359
TOTAL HIGH POWER	273	47	16	210
High Head/High Power	148	42	15	91
Low Head/High Power	125	5	1	119
TOTAL LOW POWER	159	8	2	149
High Head/Low Power	105	2	2	101
Low Head/Low Power	54	6	0	48
Conventional Turbine	18	6	0	12
Unconventional Systems	11	0	0	11
Microhydro	25	0	0	25
<ul> <li>No feasibility or availability assessments ha developed and excluded potentials from tota</li> </ul>		ed. "Available" only indic	ates net potential aft	er subtracting

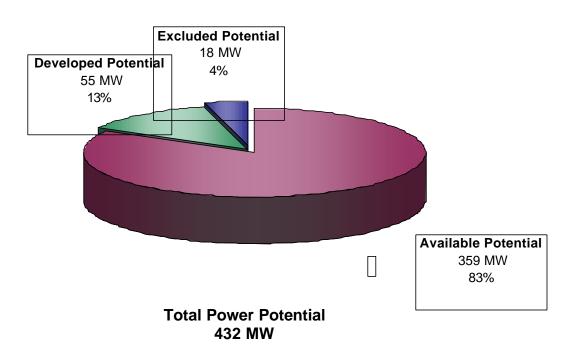


Figure B-32. Power category distribution of the total power potential (annual mean power) of water energy resources in Connecticut.

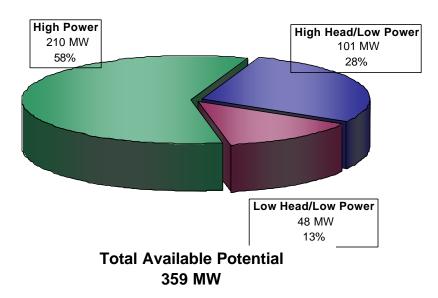


Figure B-33. Power class distribution of the available power potential (annual mean power) of water energy resources in Connecticut.

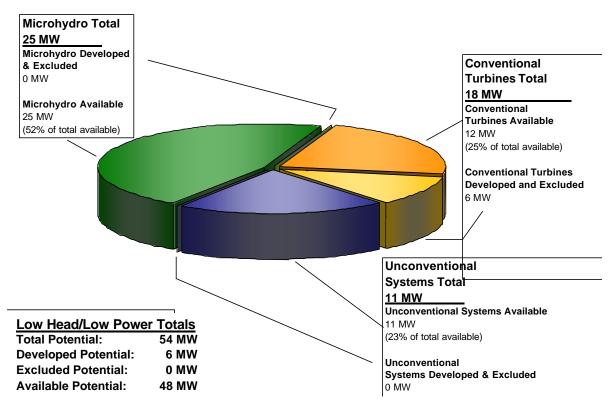


Figure B-34. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Connecticut among three low head/low power hydropower technology classes.

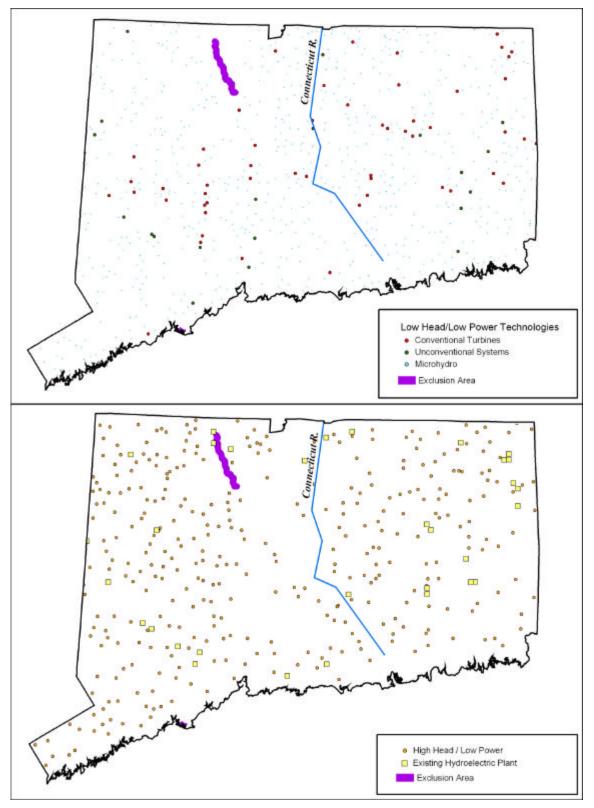


Figure B-35. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Connecticut.

#### B.8 Delaware

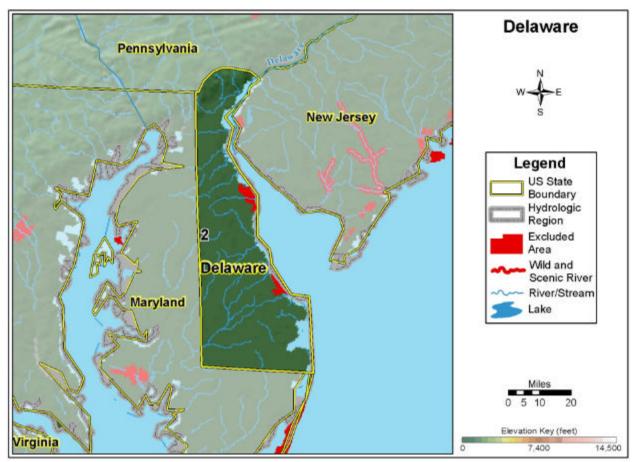
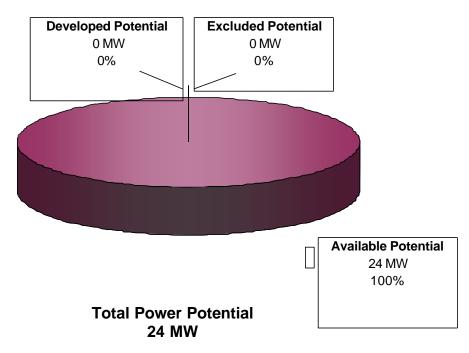
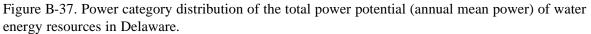


Figure B-36. Delaware.

Table B-8. Summary of results of water energy resource assessment of Delaware.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>		
TOTAL POWER	24	0	0	24		
TOTAL HIGH POWER	15	0	0	15		
High Head/High Power	5	0	0	5		
Low Head/High Power	10	0	0	10		
TOTAL LOW POWER	9	0	0	9		
High Head/Low Power	2	0	0	2		
Low Head/Low Power	7	0	0	7		
Conventional Turbine	1	0	0	1		
Unconventional Systems	2	0	0	2		
Microhydro	4	0	0	4		
a. No feasibility or availability assessments have been performed. "Available" only indicates net potential after subtracting developed and excluded potentials from total potential.						





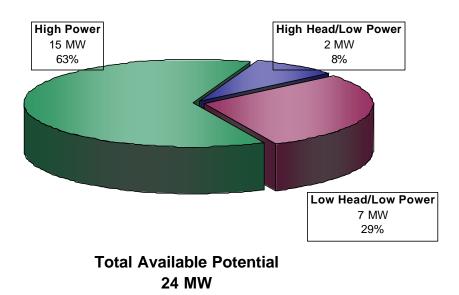


Figure B-38. Power class distribution of the available power potential (annual mean power) of water energy resources in Delaware.

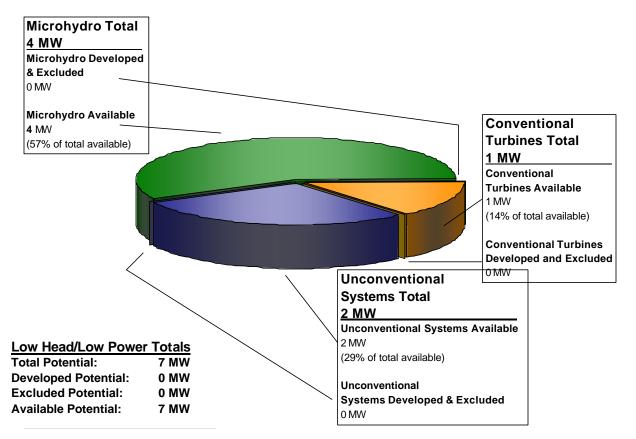


Figure B-39. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Delaware among three low head/low power hydropower technology classes.

## Delaware

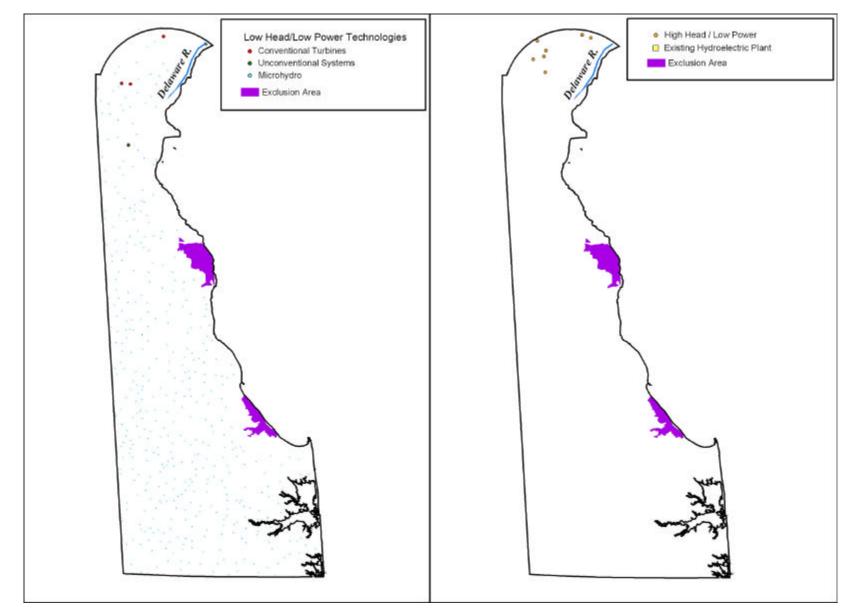


Figure B-40. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Delaware.

### **B.9** Florida

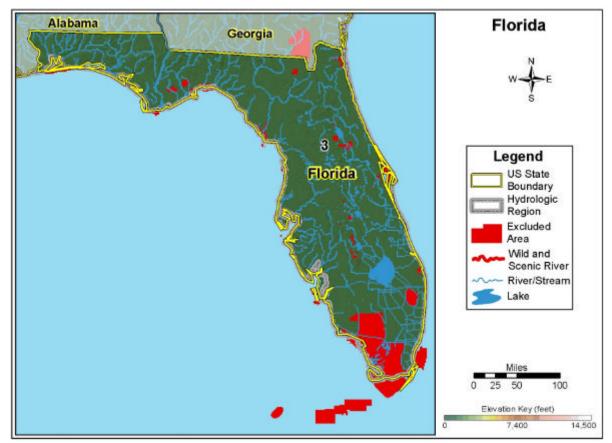


Figure B-41. Florida.

Table B-9. Summary of results of water energy resource assessment of Florida.

Annual Mean Power (MW)	Total	Developed <sup>a</sup>	Excluded	Available <sup>a,b</sup>
TOTAL POWER	446	32	14	400
TOTAL HIGH POWER	214	32	6	176
High Head/High Power	24	<mark>24</mark>	0	0
Low Head/High Power	190	8	6	176
TOTAL LOW POWER	232	0	8	224
High Head/Low Power	13	0	0	13
Low Head/Low Power	219	0	8	211
Conventional Turbine	43	0	2	41
Unconventional Systems	74	0	4	70
Microhydro	102	0	2	100

Developed high head/high power potential exceeded total potential in this power class probably because the developed power is made up of resources in other power classes. "Excess" developed power in the high head/high power class (8 MW) was rolled downward into the low head/high power power class.

a. No feasibility or availability assessments have been performed. "Available" only indicates net potential after subtracting developed and excluded potentials from total potential.

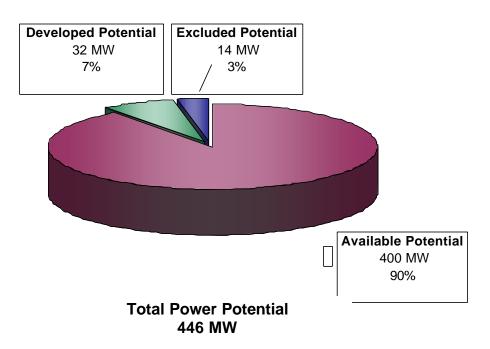


Figure B-42. Power category distribution of the total power potential (annual mean power) of water energy resources in Florida.

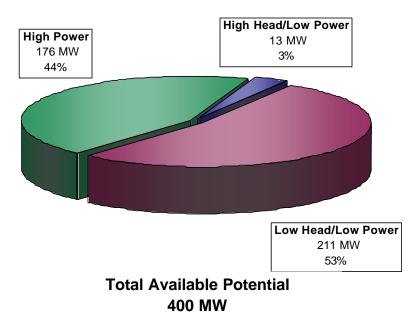


Figure B-43. Power class distribution of the available power potential (annual mean power) of water energy resources in Florida.

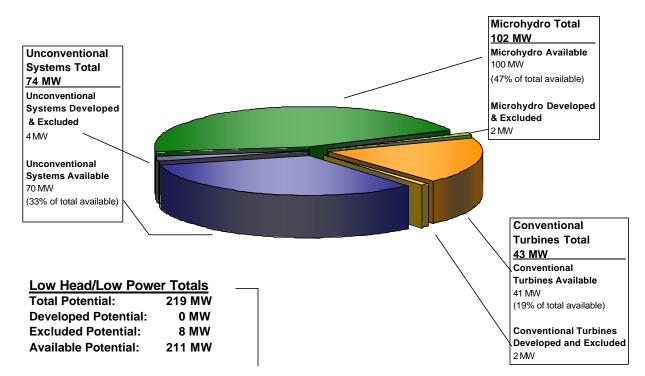


Figure B-44. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Florida among three low head/low power hydropower technology classes.

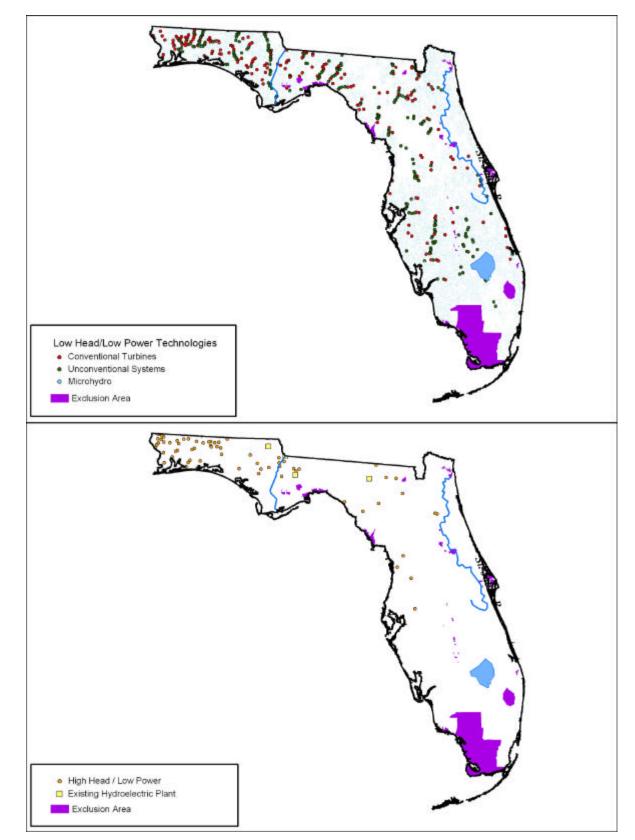


Figure B-45. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Florida.

## B.10 Georgia

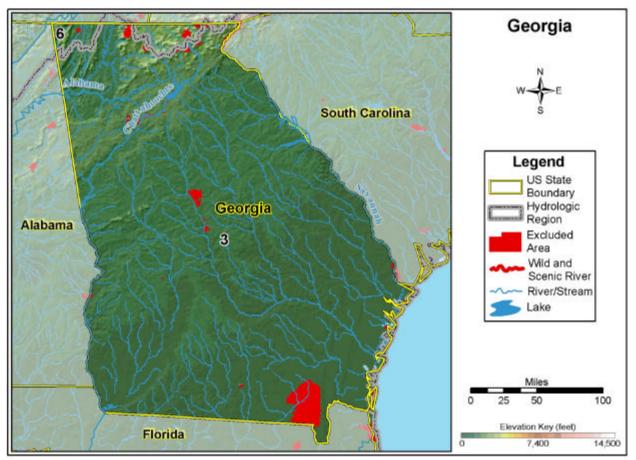


Figure B-46. Georgia.

Table B-10. Summary of results of water energy resource assessment of Georgia.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	2,249	429	208	1,612
TOTAL HIGH POWER	1,436	424	181	831
High Head/High Power	804	403	161	240
Low Head/High Power	632	21	20	591
TOTAL LOW POWER	813	5	27	781
High Head/Low Power	250	3	18	229
Low Head/Low Power	563	2	9	552
Conventional Turbine	191	2	3	186
Unconventional Systems	126	0	3	123
Microhydro	246	0	3	243

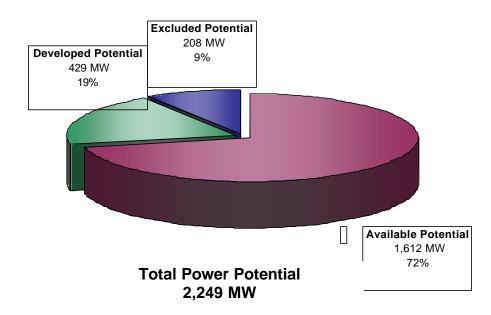
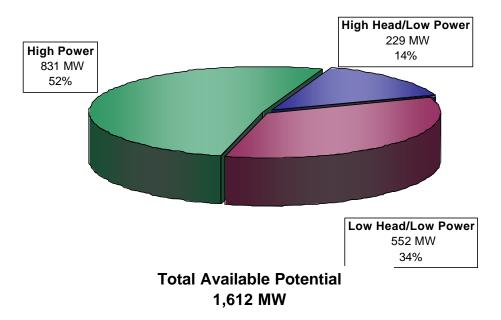
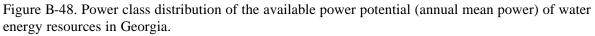


Figure B-47. Power category distribution of the total power potential (annual mean power) of water energy resources in Georgia.





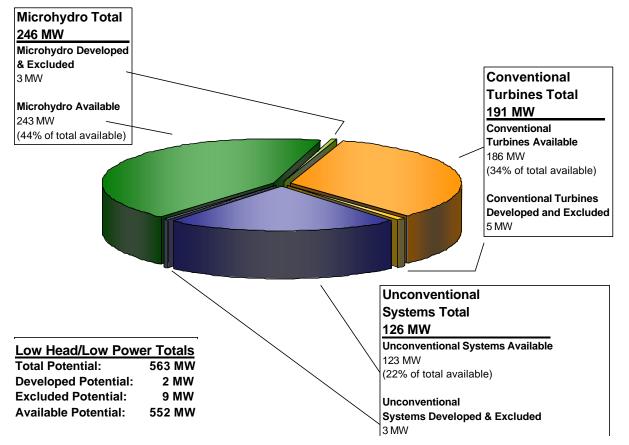


Figure B-49. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Georgia among three low head/low power hydropower technology classes.

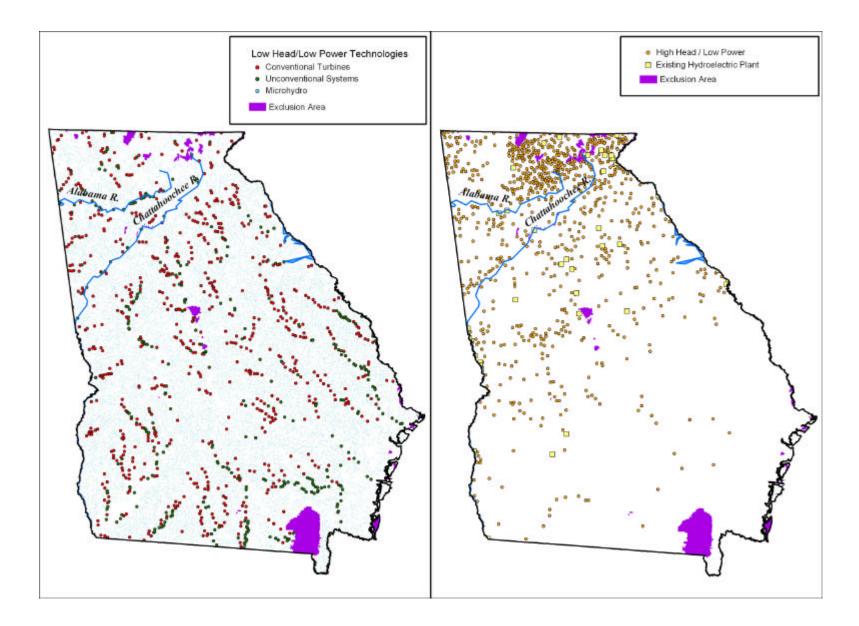


Figure B-50. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Georgia.

### B.11 Hawaii

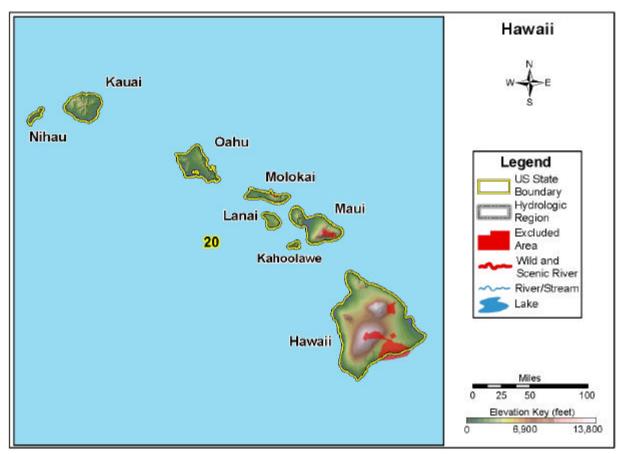
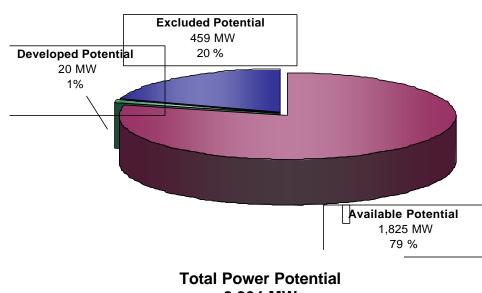


Figure B-51. Hawaii.

Table B-11. Summary	of results of	water energy	resource	assessment of Hawaii.
Tuble D 11. Summary	of results of	mater energy	resource	abbebbillent of flawan.

Annual Mean Power (MW)	Total	Developed	Excluded	Available <sup>a</sup>
TOTAL POWER	2,304	20	459	1,825
TOTAL HIGH POWER	2,138	17	439	1,682
High Head/High Power	2,138	17	439	1,682
Low Head/High Power	0	0	0	0
TOTAL LOW POWER	166	3	20	143
High Head/Low Power	156	3	19	134
Low Head/Low Power	10	0	1	9
Conventional Turbine	1	0	0	1
Unconventional Systems	0	0	0	0
Microhydro	9	0	1	8
a. No feasibility or availability assessments h developed and excluded potentials from to		med. "Available" only ind	icates net potential af	ter subtracting



2,304 MW

Figure B-52. Power category distribution of the total power potential (annual mean power) of water energy resources in Hawaii.

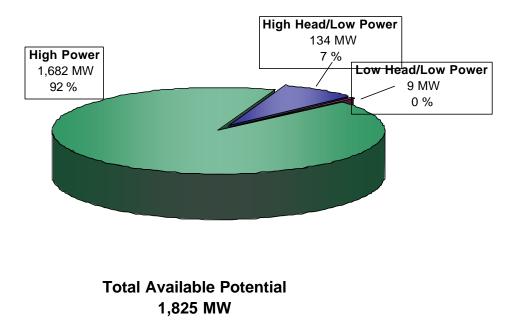


Figure B-53. Power class distribution of the available power potential (annual mean power) of water energy resources in Hawaii.

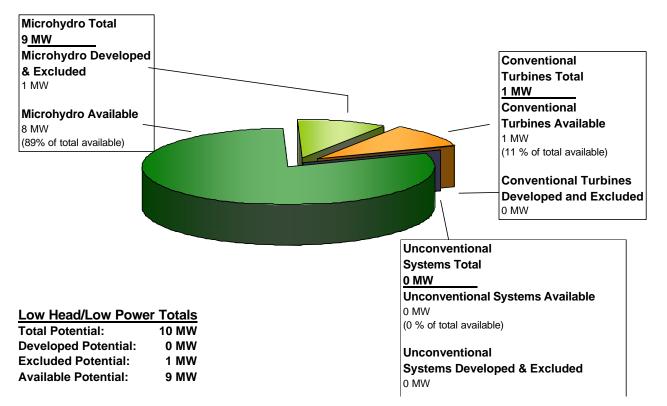


Figure B-54. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Hawaii among three low head/low power hydropower technology classes.

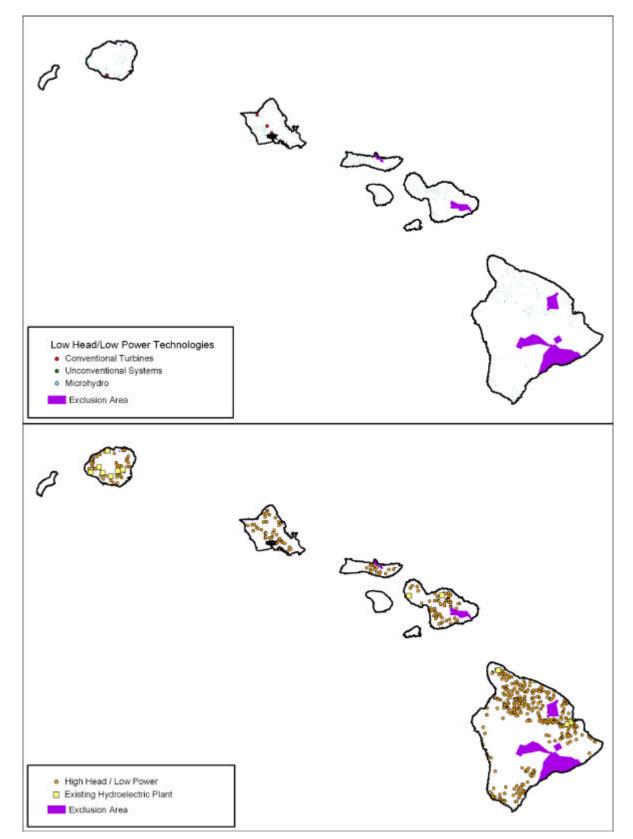


Figure B-55. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Hawaii.

### B.12 Idaho

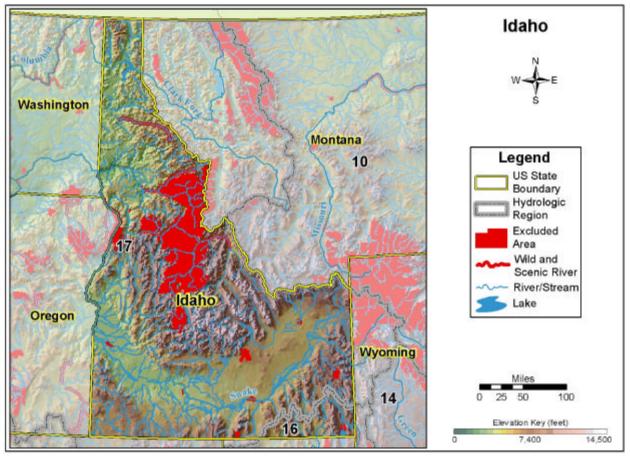


Figure B-56. Idaho.

Table B-12. Summary of results of water energy resource assessment of Idaho.

Total	Developed	Excluded	Available <sup>a</sup>
18,794	1,288	5,545	11,961
15,677	1,266	5,025	9,386
12,207	1,194	3,890	7,123
3,470	72	1,135	2,263
3,117	22	520	2,575
2,532	18	478	2,036
585	4	42	539
190	3	9	178
88	0	17	71
307	1	16	290
	18,794 15,677 12,207 3,470 3,117 2,532 585 190 88	18,794       1,288         15,677       1,266         12,207       1,194         3,470       72         3,117       22         2,532       18         585       4         190       3         88       0	18,794         1,288         5,545           15,677         1,266         5,025           12,207         1,194         3,890           3,470         72         1,135           3,117         22         520           2,532         18         478           585         4         42           190         3         9           88         0         17

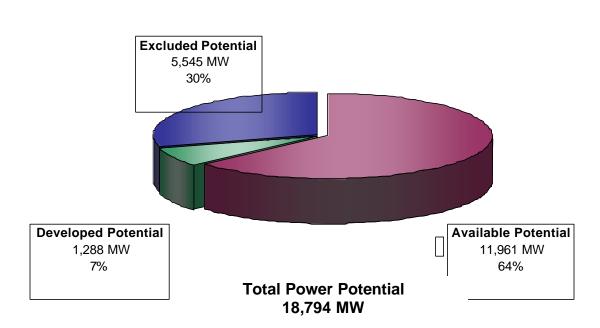


Figure B-57. Power category distribution of the total power potential (annual mean power) of water energy resources in Idaho.

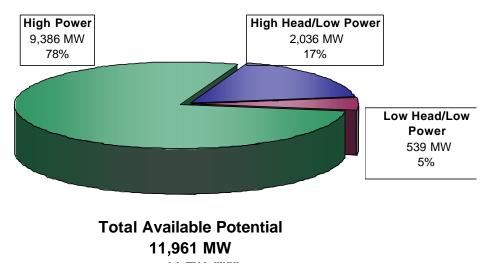


Figure B-58. Power class distribution of the available power potential (annual mean power) of water energy resources in Idaho.

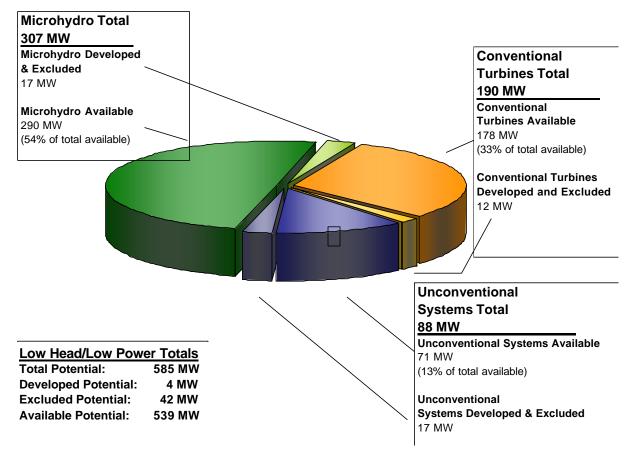


Figure B-59. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Idaho among three low head/low power hydropower technology classes.

# Idaho

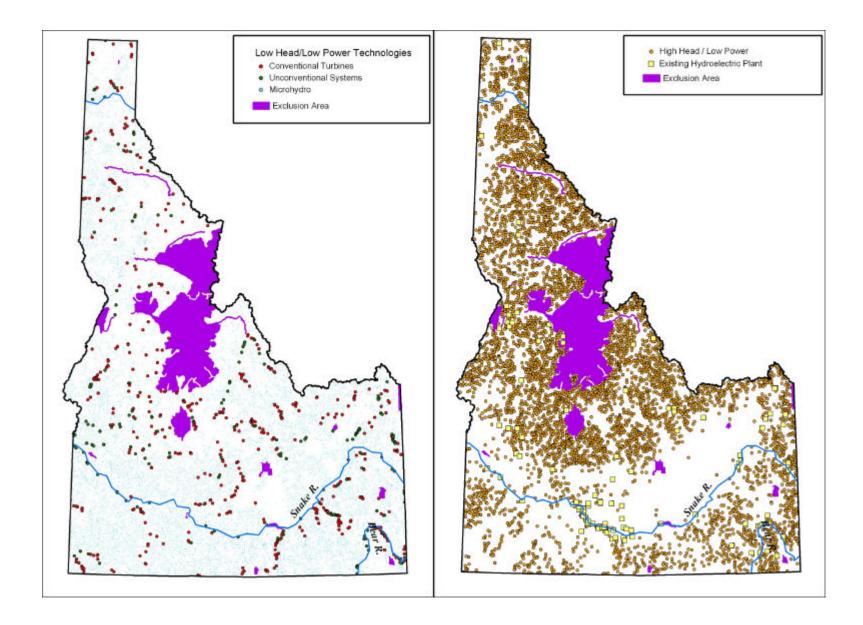


Figure B-60. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Idaho.

### **B.13 Illinois**

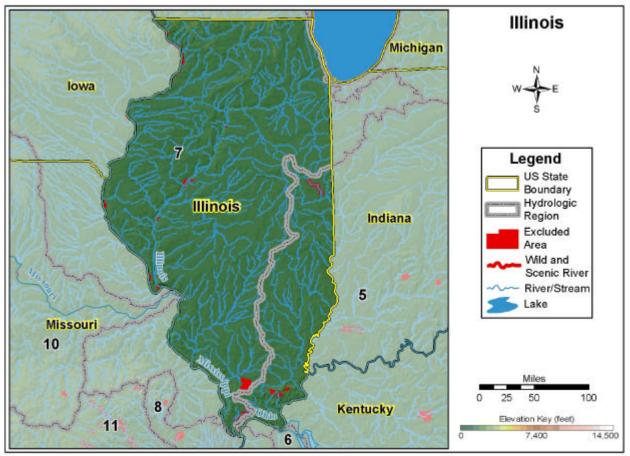


Figure B-61. Illinois.

Table B-13. Summary of results of water energy resource assessment of Illinois.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	1,902	27	297	1,578
TOTAL HIGH POWER	1,395	25	224	1,146
High Head/High Power	12	10	0	2
Low Head/High Power	1,383	15	224	1,144
TOTAL LOW POWER	507	2	73	432
High Head/Low Power	41	0	2	39
Low Head/Low Power	466	2	71	393
Conventional Turbine	109	2	4	103
Unconventional Systems	103	0	3	100
Microhydro	254	0	64	190
<ul> <li>No feasibility or availability assessments ha developed and excluded potentials from total</li> </ul>		ed. "Available" only indic	ates net potential aft	er subtracting

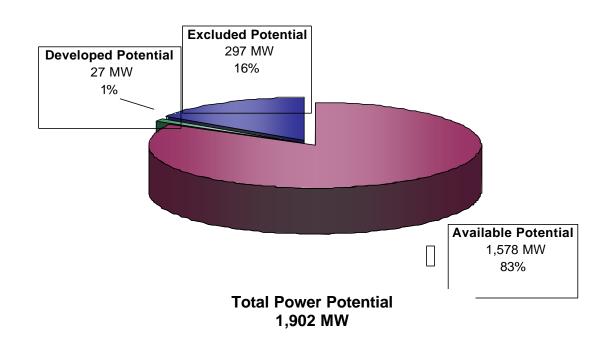
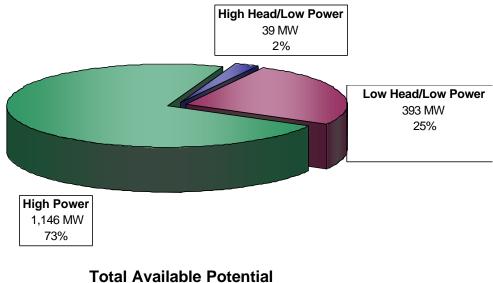
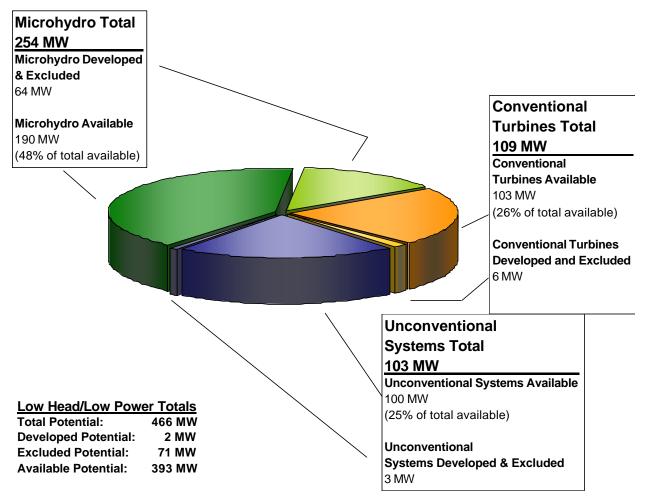


Figure B-62. Power category distribution of the total power potential (annual mean power) of water energy resources in Illinois.



# 1,578 MW

Figure B-63. Power class distribution of the available power potential (annual mean power) of water energy resources in Illinois.



Illinois

Figure B-64. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Illinois among three low head/low power hydropower technology classes.

## Illinois

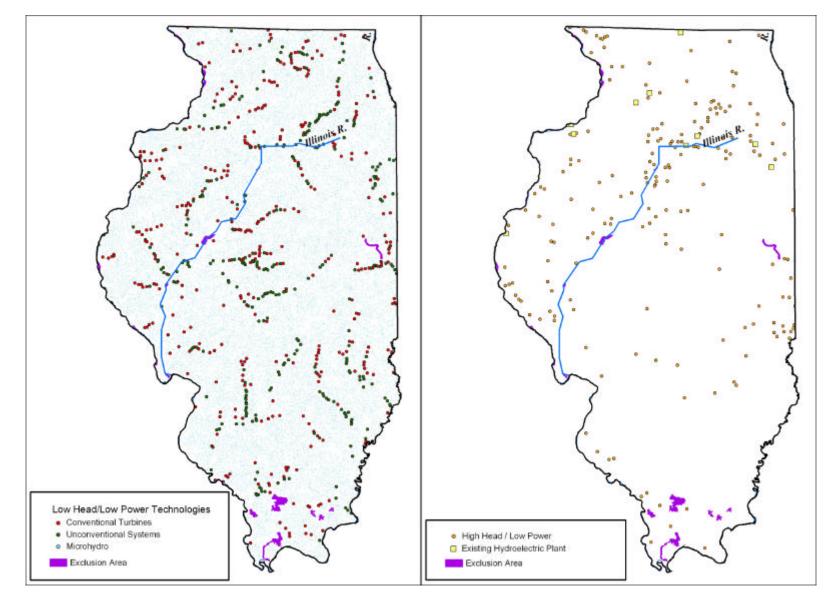


Figure B-65. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Illinois.

### **B.14** Indiana

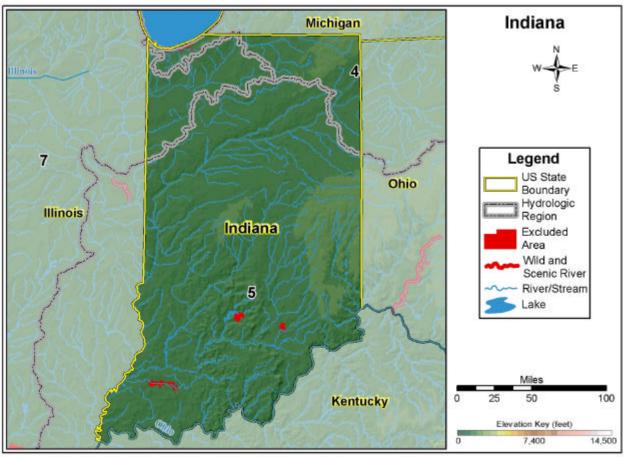


Figure B-66. Indiana.

Table B-14. Summary of results of water energy resource assessment of Indiana.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	1,587	67	4	1,516
TOTAL HIGH POWER	1,192	67	1	1,124
High Head/High Power	353	63	0	290
Low Head/High Power	839	4	1	834
TOTAL LOW POWER	395	0	3	392
High Head/Low Power	82	0	0	82
Low Head/Low Power	313	0	3	310
Conventional Turbine	117	0	1	116
Unconventional Systems	62	0	1	61
Microhydro	134	0	1	133
a. No feasibility or availability assessments had developed and excluded potentials from total		d. "Available" only indic	ates net potential aft	er subtracting

Indiana

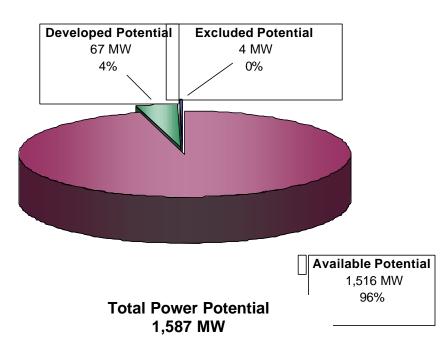


Figure B-67. Power category distribution of the total power potential (annual mean power) of water energy resources in Indiana.

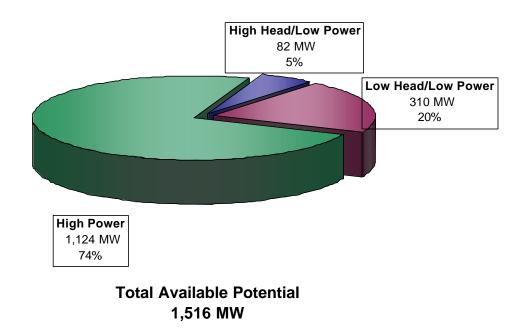


Figure B-68. Power class distribution of the available power potential (annual mean power) of water energy resources in Indiana.

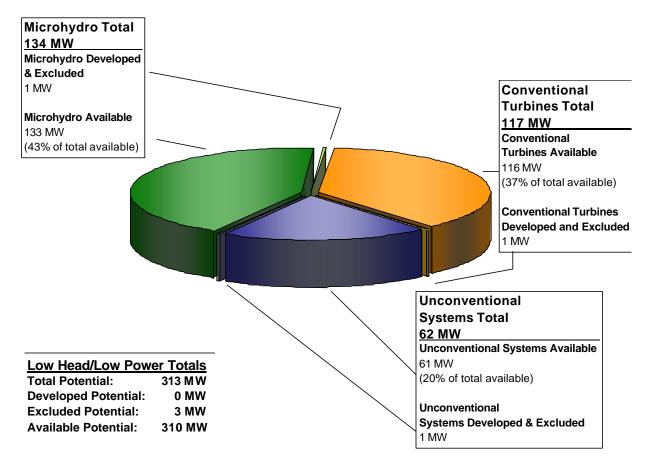


Figure B-69. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Indiana among three low head/low power hydropower technology classes.

# Indiana

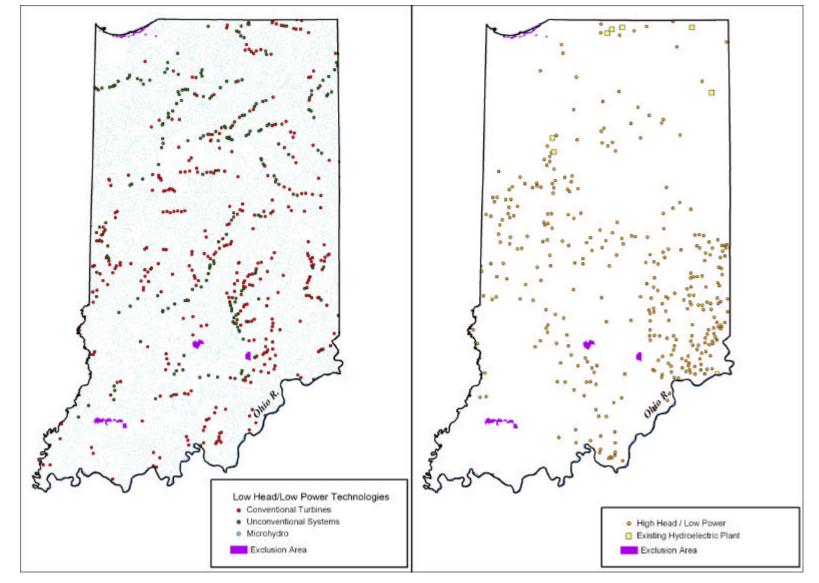


Figure B-70. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Indiana.

#### B.15 Iowa

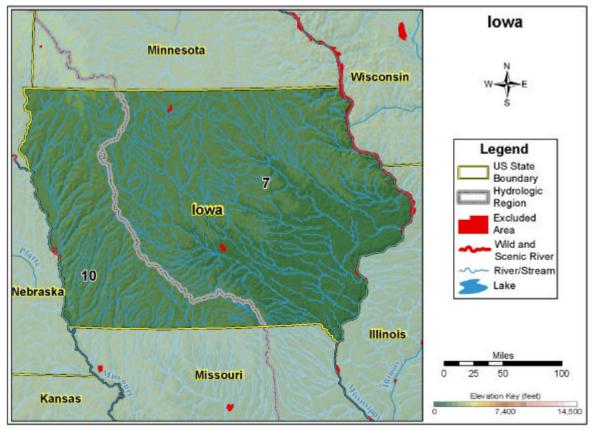


Figure B-71. Iowa.

Table B-15. Summary of results of water energy resource assessment of Iowa.

Annual Mean Power (MW)	Total	Developed <sup>a</sup>	Excluded	Available <sup>a,b</sup>
TOTAL POWER	1,124	95	127	902
TOTAL HIGH POWER	578	94	123	361
High Head/High Power	40	<mark>40</mark>	0	0
Low Head/High Power	538	54	123	361
TOTAL LOW POWER	546	1	4	541
High Head/Low Power	49	0	0	49
Low Head/Low Power	497	1	4	492
Conventional Turbine	185	1	1	183
Unconventional Systems	110	0	2	108
Microhydro	202	0	1	201

a. Developed high head/high power potential exceeded total potential in this power class probably because the developed power is made up of resources in other power classes. "Excess" developed power in the high head/high power class (52 MW) was rolled downward into the low head/high power power class.

b. No feasibility or availability assessments have been performed. "Available" only indicates net potential after subtracting developed and excluded potentials from total potential.

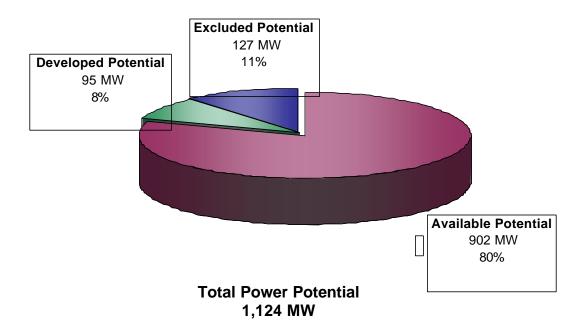


Figure B-72. Power category distribution of the total power potential (annual mean power) of water energy resources in Iowa.

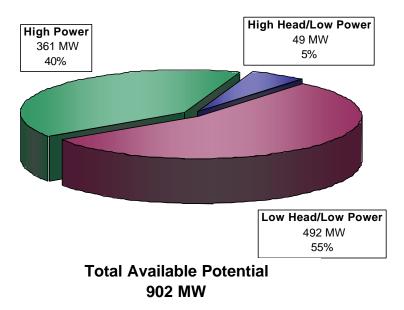


Figure B-73. Power class distribution of the available power potential (annual mean power) of water energy resources in Iowa.

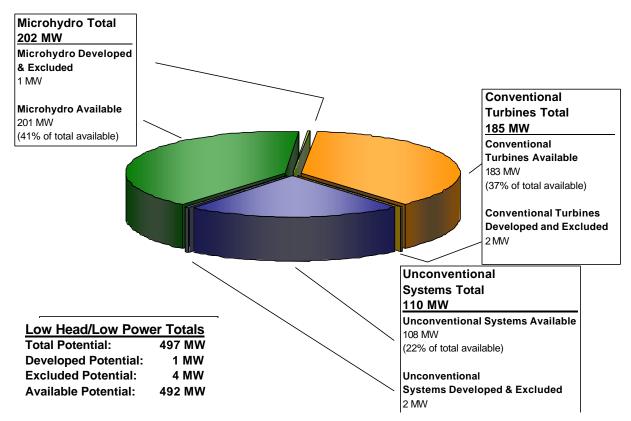


Figure B-74. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Iowa among three low head/low power hydropower technology classes.

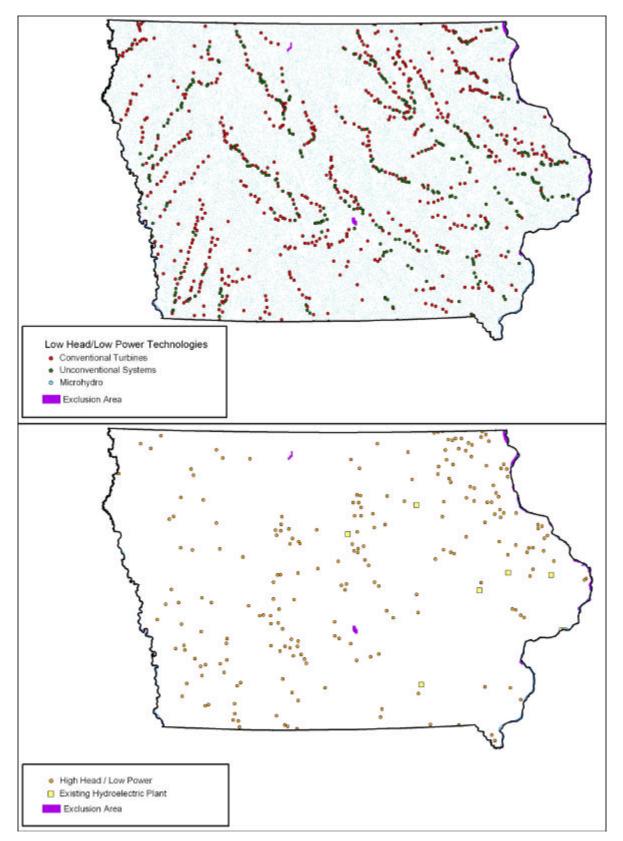


Figure B-75. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Iowa.

### **B.16 Kansas**

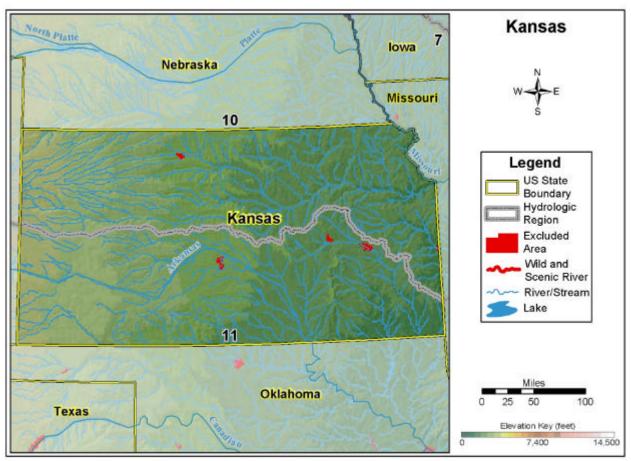
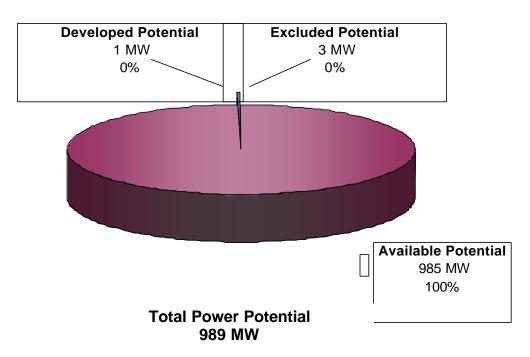
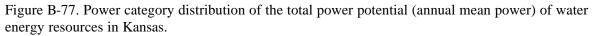


Figure B-76. Kansas.

Table B-16. Summary of results of water energy resource assessment of Kansas.

Total	Developed	Excluded	Available <sup>a</sup>
989	1	3	985
418	0	0	418
49	0	0	49
369	0	0	369
571	1	3	567
38	0	0	38
533	1	3	529
192	1	1	190
81	0	1	80
260	0	1	259
	989 418 49 369 571 38 533 192 81	989       1         418       0         49       0         369       0         571       1         38       0         533       1         192       1         81       0	989       1       3         418       0       0         49       0       0         369       0       0         571       1       3         571       1       3         38       0       0         510       1       3         192       1       1         81       0       1





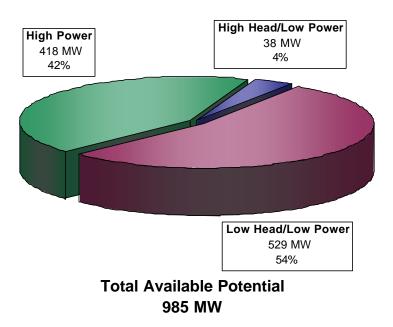


Figure B-78. Power class distribution of the available power potential (annual mean power) of water energy resources in Kansas.

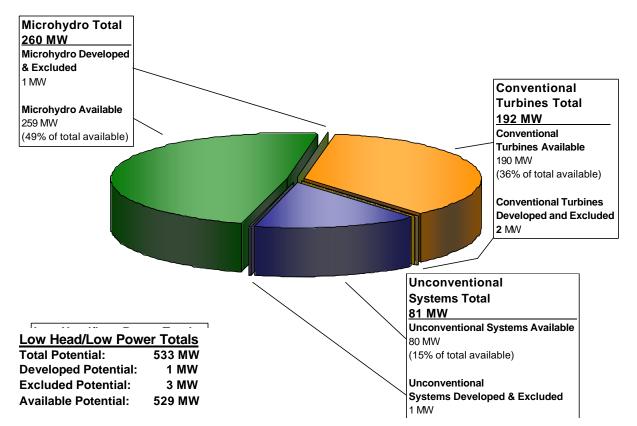


Figure B-79. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Kansas among three low head/low power hydropower technology classes.



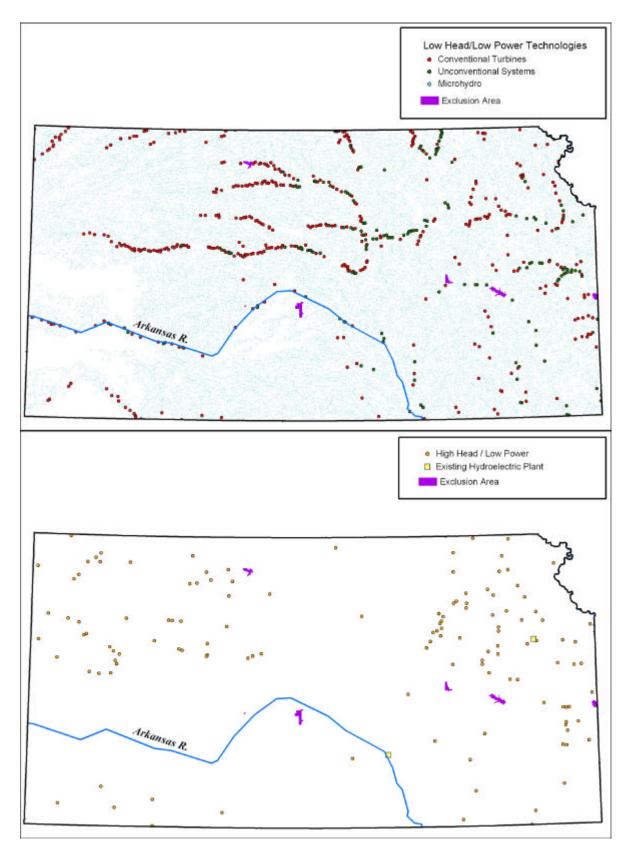


Figure B-80. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Kansas.

## **B.17 Kentucky**

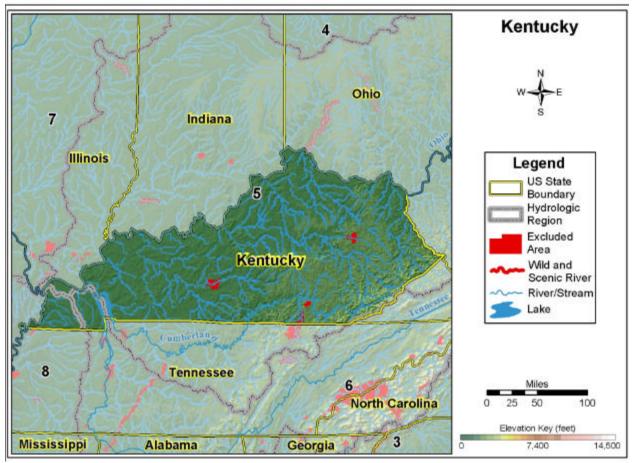


Figure B-81. Kentucky.

Table B-17. Summary of results of water energy resource assessment of Kentucky.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	4,116	383	46	3,687
TOTAL HIGH POWER	3,526	381	33	3,112
High Head/High Power	780	381	16	383
Low Head/High Power	2,746	0	17	2,729
TOTAL LOW POWER	590	2	13	575
High Head/Low Power	204	0	7	197
Low Head/Low Power	386	2	6	378
Conventional Turbine	138	2	2	134
Unconventional Systems	51	0	2	49
Microhydro	197	0	2	195
a. No feasibility or availability assessments ha developed and excluded potentials from tot		d. "Available" only indic	ates net potential after	er subtracting

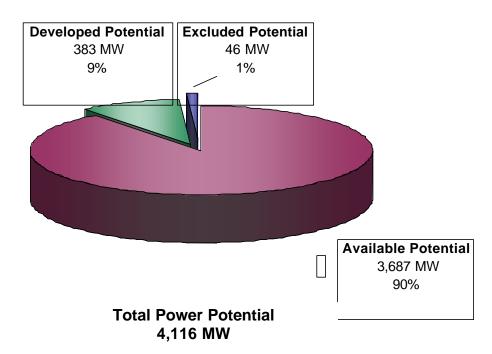


Figure B-82. Power category distribution of the total power potential (annual mean power) of water energy resources in Kentucky.

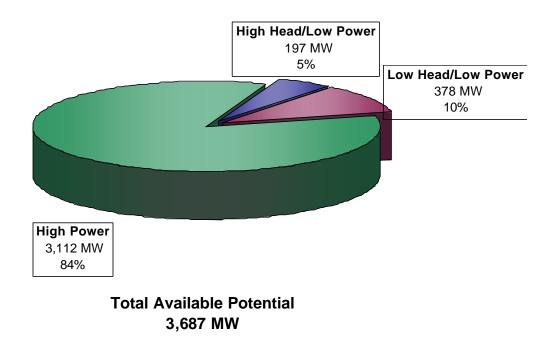


Figure B-83. Power class distribution of the available power potential (annual mean power) of water energy resources in Kentucky.

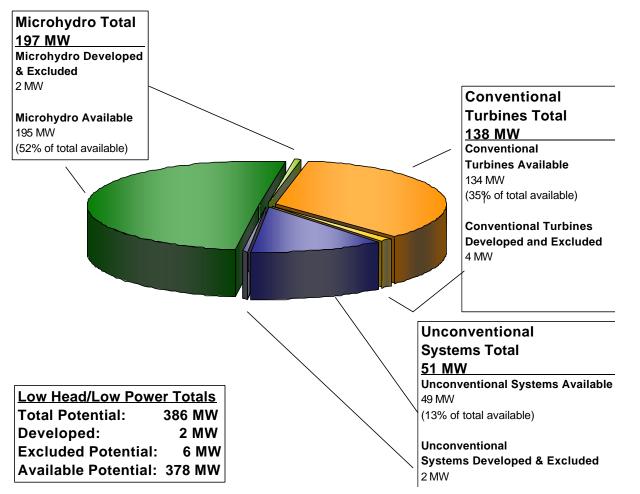


Figure B-84. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Kentucky among three low head/low power hydropower technology classes.

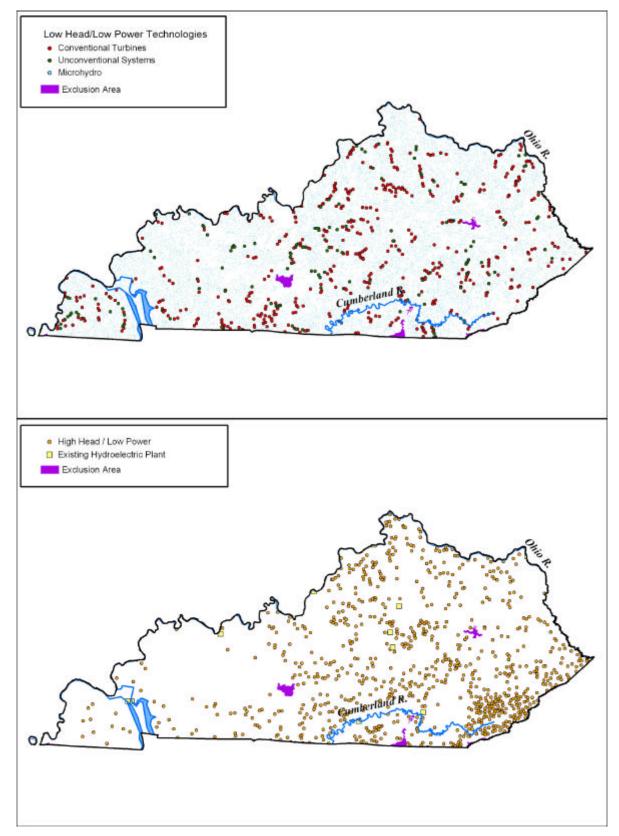


Figure B-85. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Kentucky.

#### **B.18** Louisiana

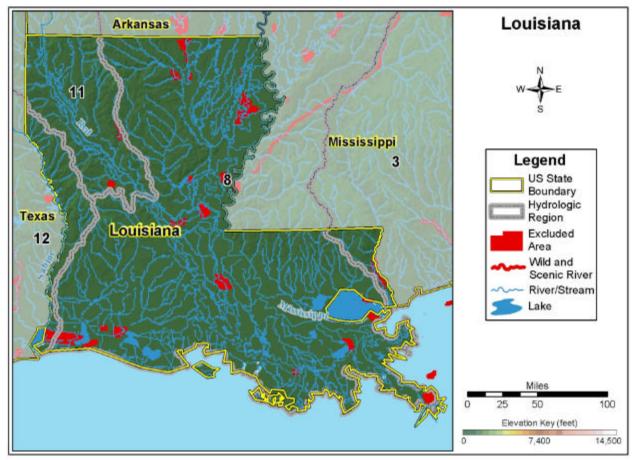
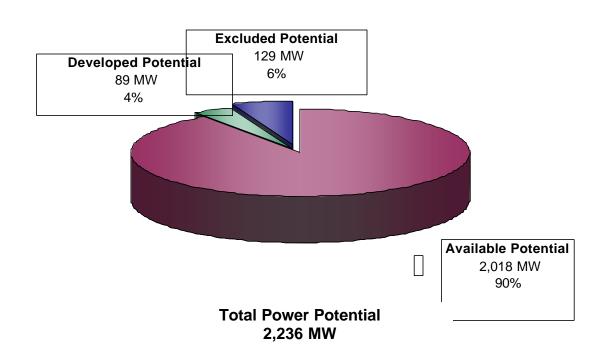
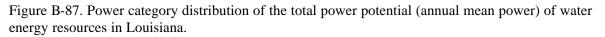


Figure B-86. Louisiana.

Table B-18. Summary of results of water energy resource assessment of Louisiana.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	2,236	89	129	2,018
TOTAL HIGH POWER	1,974	89	121	1,764
High Head/High Power	10	0	0	10
Low Head/High Power	1,964	89	121	1,754
TOTAL LOW POWER	262	0	8	254
High Head/Low Power	11	0	0	11
Low Head/Low Power	251	0	8	243
Conventional Turbine	69	0	1	68
Unconventional Systems	77	0	5	72
Microhydro	105	0	2	103
<ul> <li>No feasibility or availability assessments ha developed and excluded potentials from tot</li> </ul>		d. "Available" only indic	ates net potential aft	er subtracting





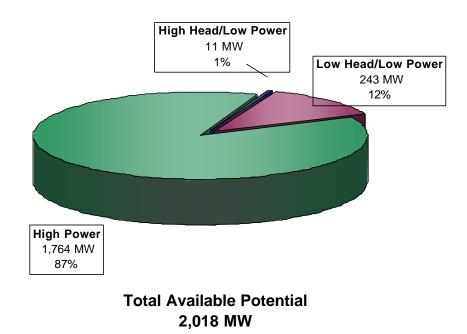


Figure B-88. Power class distribution of the available power potential (annual mean power) of water energy resources in Louisiana.

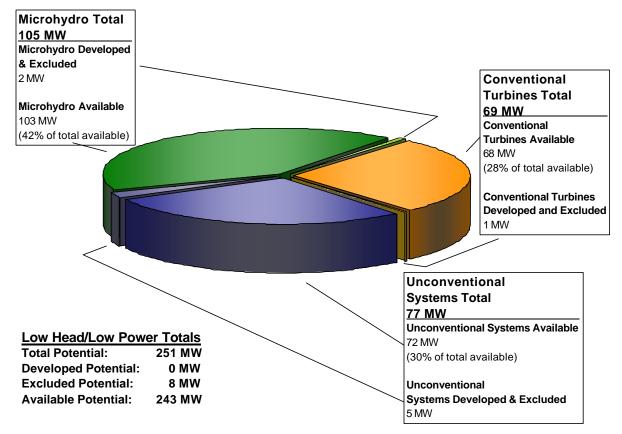


Figure B-89. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Louisiana among three low head/low power hydropower technology classes.

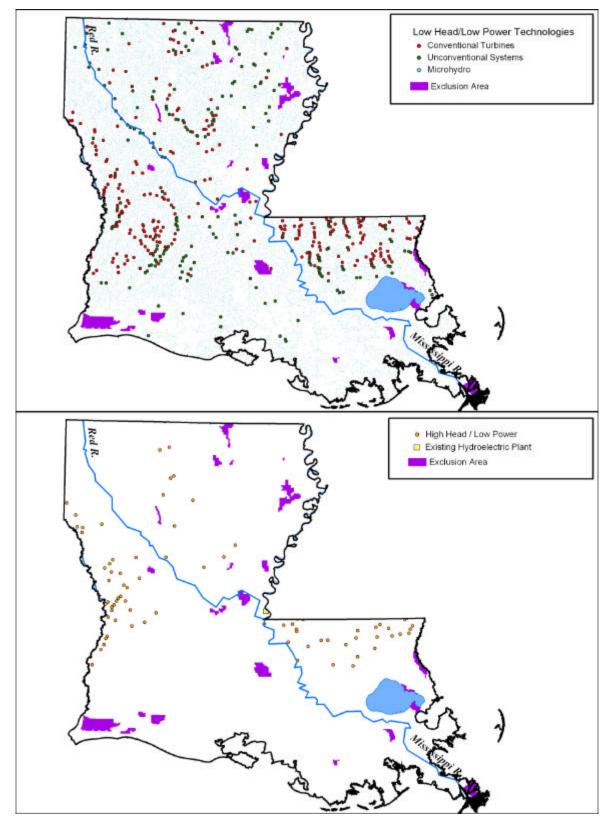


Figure B-90. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Louisiana.

### **B.19 Maine**

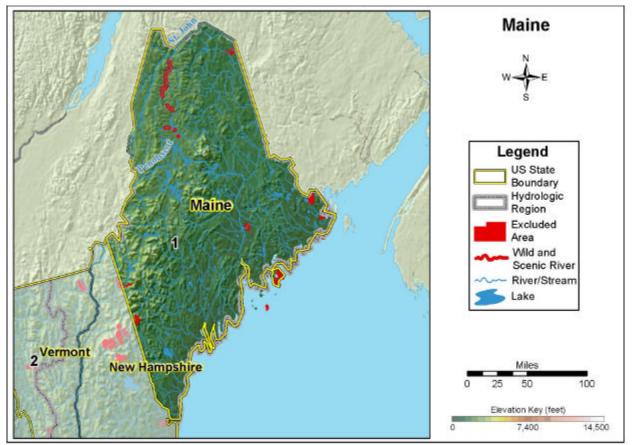


Figure B-91. Maine.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	2,766	432	71	2,263
TOTAL HIGH POWER	1,968	414	43	1,511
High Head/High Power	1,353	301	26	1,026
Low Head/High Power	615	113	17	485
TOTAL LOW POWER	798	18	28	752
High Head/Low Power	488	5	16	467
Low Head/Low Power	310	13	12	285
Conventional Turbine	119	12	3	104
Unconventional Systems	44	0	5	39
Microhydro	147	1	4	142
a. No feasibility or availability assessments ha developed and excluded potentials from tota		d. "Available" only indic	ates net potential after	er subtracting

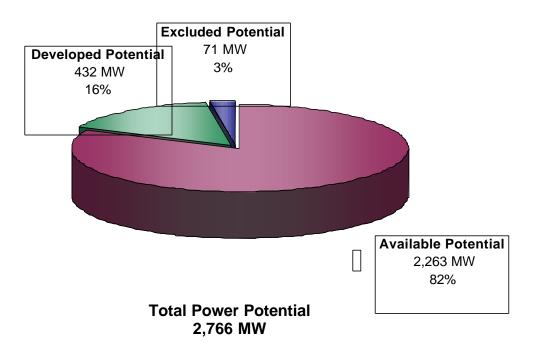


Figure B-92. Power category distribution of the total power potential (annual mean power) of water energy resources in Maine.

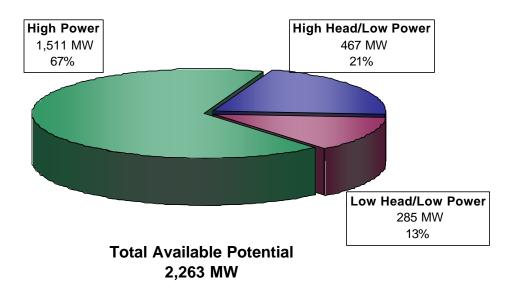


Figure B-93. Power class distribution of the available power potential (annual mean power) of water energy resources in Maine.

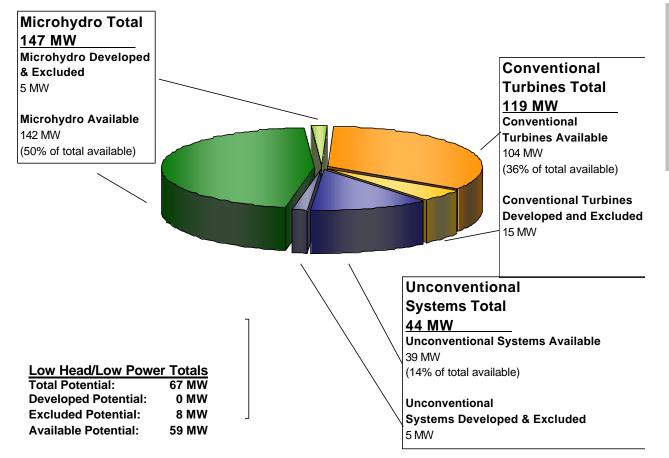


Figure B-94. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Maine among three low head/low power hydropower technology classes.

## Maine

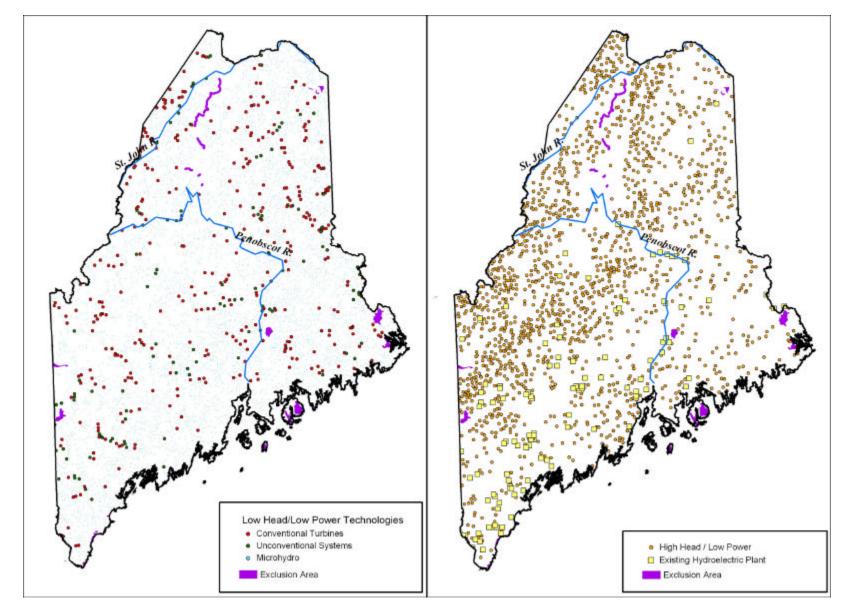


Figure B-95. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Maine.

### **B.20 Maryland**

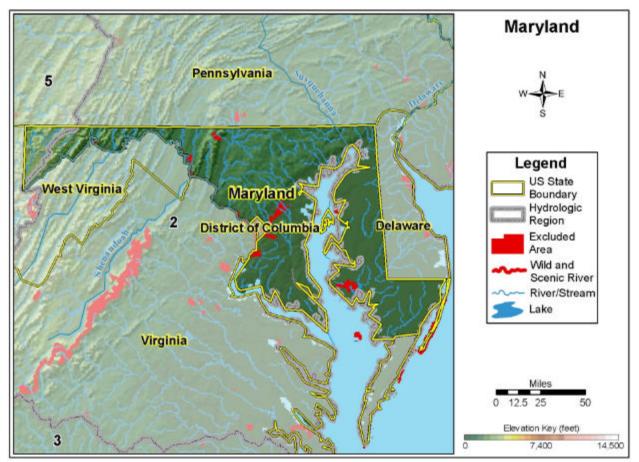


Figure B-96. Maryland.

Table B-20. Summary of results of water energy resource assessment of Maryland.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	845	203	298	344
TOTAL HIGH POWER	695	202	282	211
High Head/High Power	521	202	145	174
Low Head/High Power	174	0	137	37
TOTAL LOW POWER	150	1	16	133
High Head/Low Power	83	1	8	74
Low Head/Low Power	67	0	8	59
Conventional Turbine	26	0	5	21
Unconventional Systems	4	0	1	3
Microhydro	37	0	2	35
<ul> <li>No feasibility or availability assessments had developed and excluded potentials from tot</li> </ul>		d. "Available" only indic	ates net potential aft	er subtracting

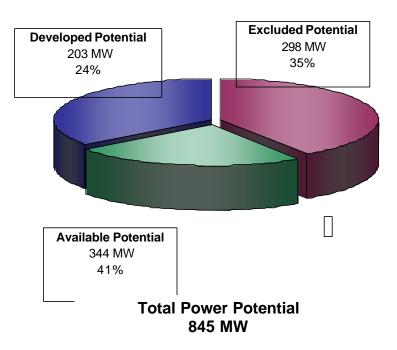
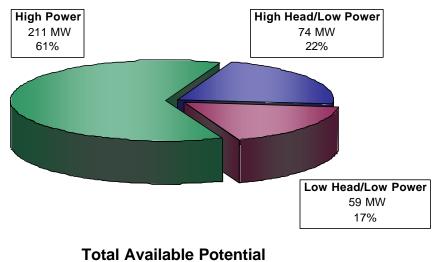


Figure B-97. Power category distribution of the total power potential (annual mean power) of water energy resources in Maryland.



344 MW

Figure B-98. Power class distribution of the available power potential (annual mean power) of water energy resources in Maryland.

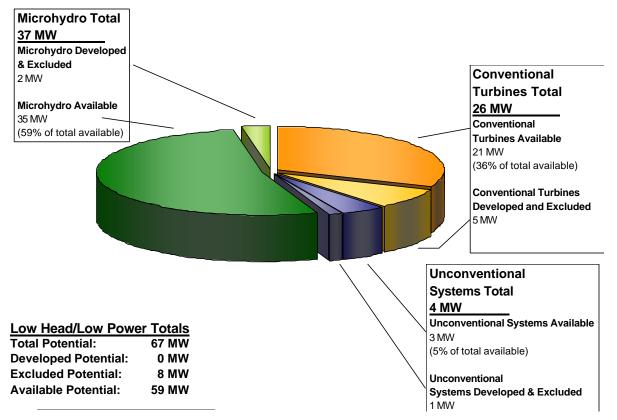
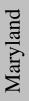


Figure B-99. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Maryland among three low head/low power hydropower technology classes.



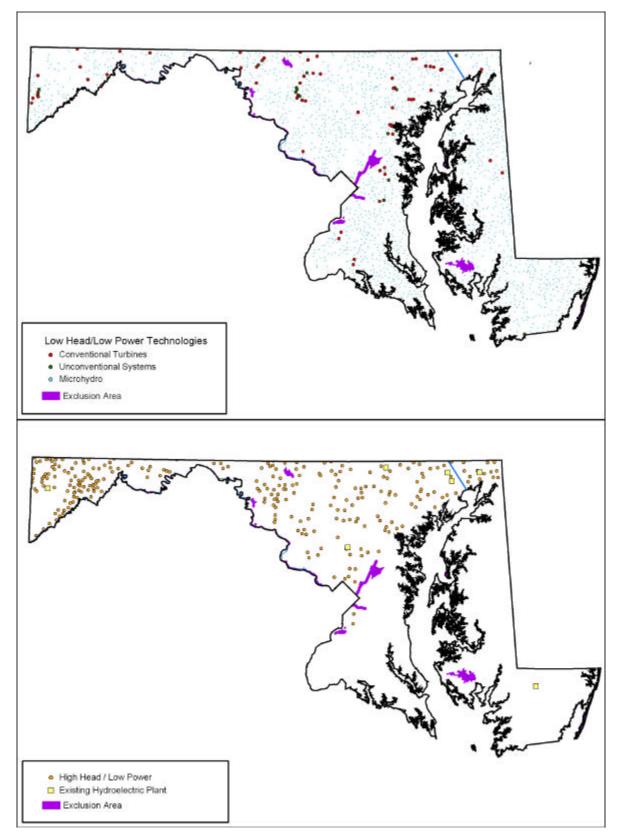


Figure B-100. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Maryland.

#### **B.21 Massachusetts**

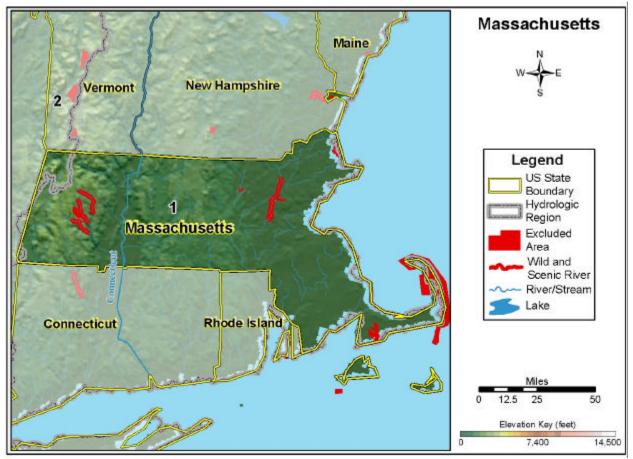


Figure B-101. Massachusetts.

Table B-21. Summary of results of water energy resource assessment of Massachusetts.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	675	126	29	520
TOTAL HIGH POWER	478	109	11	358
High Head/High Power	377	106	11	260
Low Head/High Power	101	3	0	98
TOTAL LOW POWER	197	17	18	162
High Head/Low Power	127	10	15	102
Low Head/Low Power	70	7	3	60
Conventional Turbine	28	6	2	20
Unconventional Systems	6	0	0	6
Microhydro	36	1	1	34
<ul> <li>No feasibility or availability assessments ha developed and excluded potentials from total</li> </ul>		d. "Available" only indic	ates net potential after	er subtracting

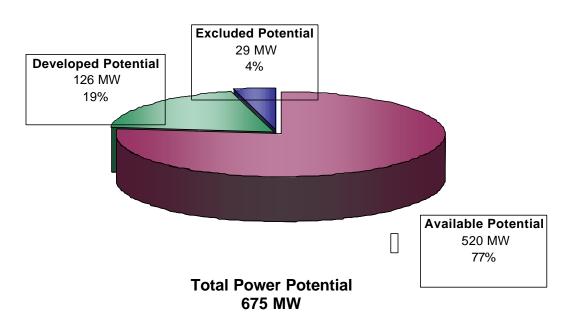


Figure B-102. Power category distribution of the total power potential (annual mean power) of water energy resources in Massachusetts.

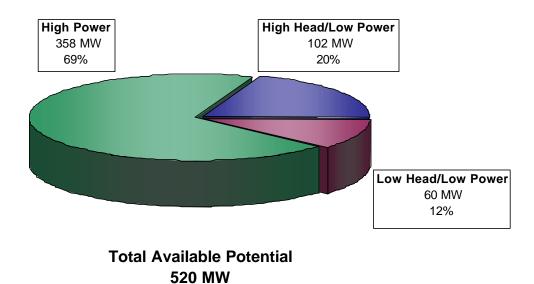


Figure B-103. Power class distribution of the available power potential (annual mean power) of water energy resources in Massachusetts.

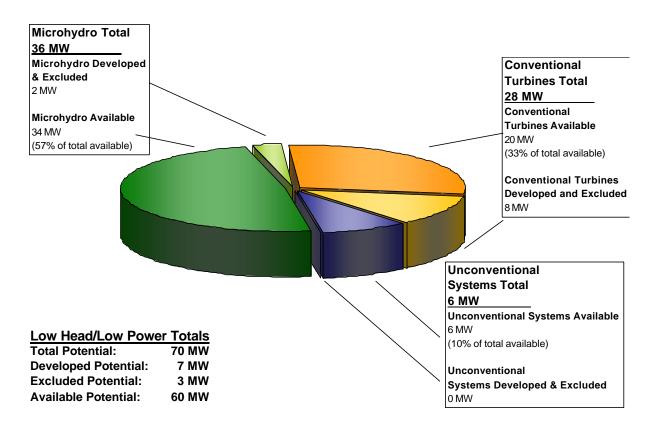


Figure B-104. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Massachusetts among three low head/low power hydropower technology classes.

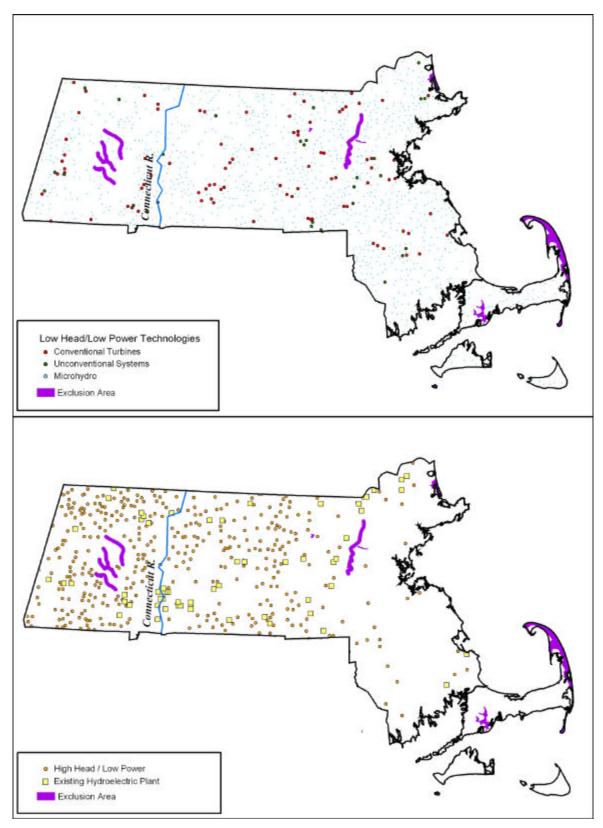


Figure B-105. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Massachusetts.

### B.22 Michigan

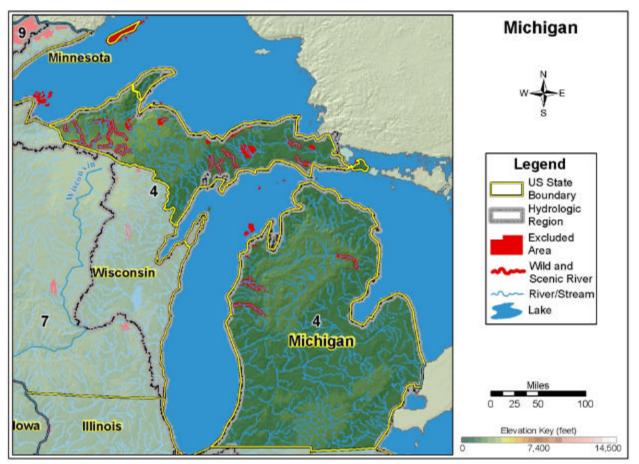


Figure B-106. Michigan.

Table B-22. Summary of results of water energy resource assessment of Michigan.

Annual Mean Power (MW)	Total	Developed	Excluded	Available <sup>a</sup>
		Developed	Excluded	Available
TOTAL POWER	1,220	209	224	787
TOTAL HIGH POWER	520	185	141	194
High Head/High Power	360	100	123	137
Low Head/High Power	160	85	18	57
TOTAL LOW POWER	700	24	83	<b>593</b>
High Head/Low Power	223	10	33	180
Low Head/Low Power	477	14	50	413
Conventional Turbine	193	14	27	152
Unconventional Systems	60	0	9	51
Microhydro	224	0	14	210
<ul> <li>No feasibility or availability assessments ha developed and excluded potentials from tot</li> </ul>		d. "Available" only indic	ates net potential after	er subtracting

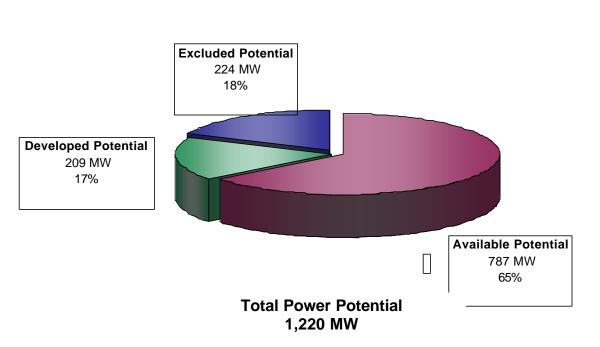


Figure B-107. Power category distribution of the total power potential (annual mean power) of water energy resources in Michigan.

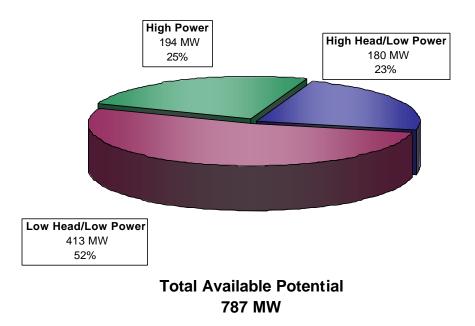


Figure B-108. Power class distribution of the available power potential (annual mean power) of water energy resources in Michigan.

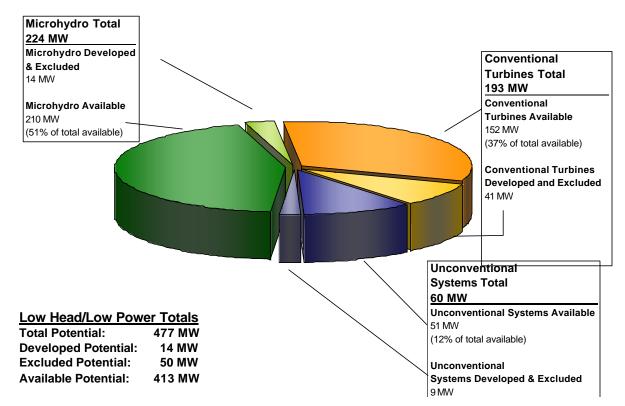


Figure B-109. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Michigan among three low head/low power hydropower technology classes.

# Michigan

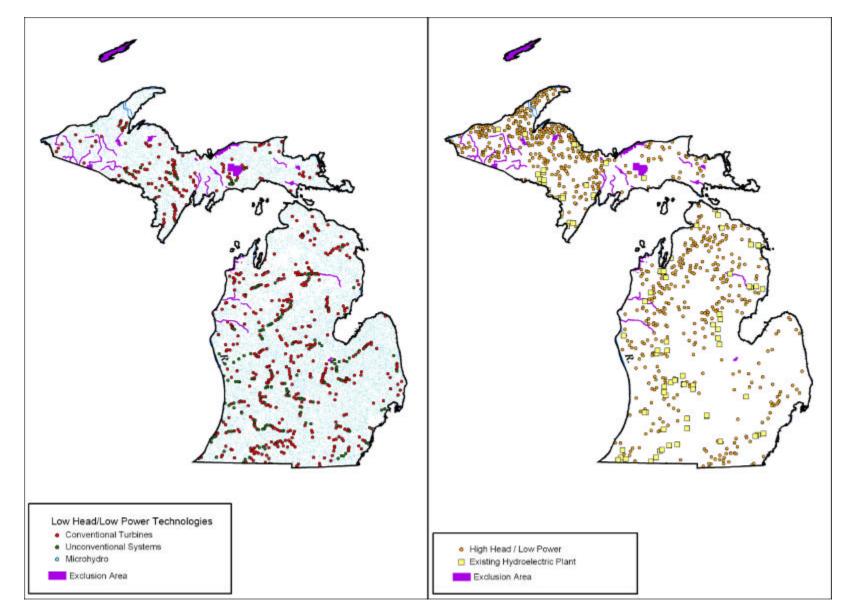


Figure B-110. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Michigan.

#### **B.23 Minnesota**

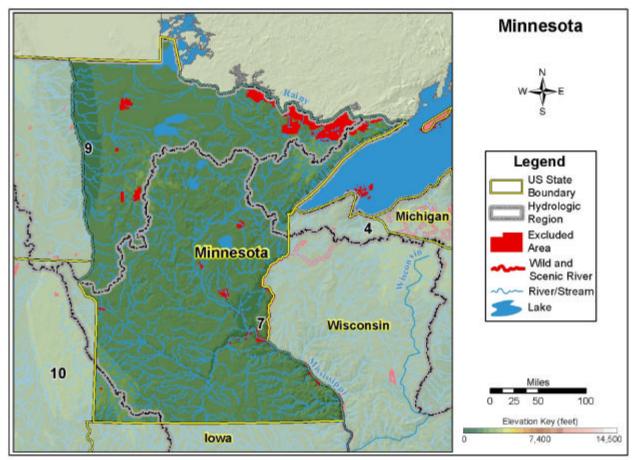


Figure B-111. Minnesota.

Table B-23. Summary of results of water energy resource assessment of Minnesota.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	1,410	128	249	1,033
TOTAL HIGH POWER	760	123	192	445
High Head/High Power	409	101	73	235
Low Head/High Power	351	22	119	210
TOTAL LOW POWER	650	5	57	588
High Head/Low Power	196	3	27	1 <del>66</del>
Low Head/Low Power	454	2	30	422
Conventional Turbine	152	2	11	139
Unconventional Systems	78	0	6	72
Microhydro	224	0	13	211
<ul> <li>No feasibility or availability assessments has developed and excluded potentials from total</li> </ul>		d. "Available" only indic	ates net potential aft	er subtracting

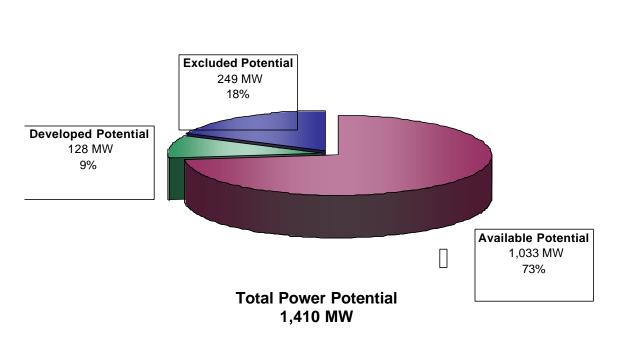


Figure B-112. Power category distribution of the total power potential (annual mean power) of water energy resources in Minnesota.

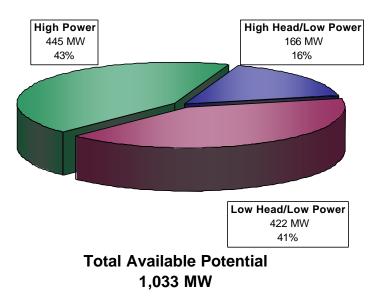
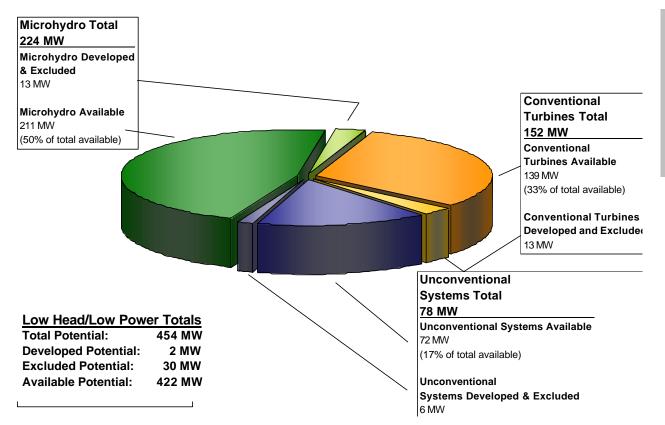


Figure B-113. Power class distribution of the available power potential (annual mean power) of water energy resources in Minnesota.



Minnesota

Figure B-114. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Minnesota among three low head/low power hydropower technology classes.

## Minnesota

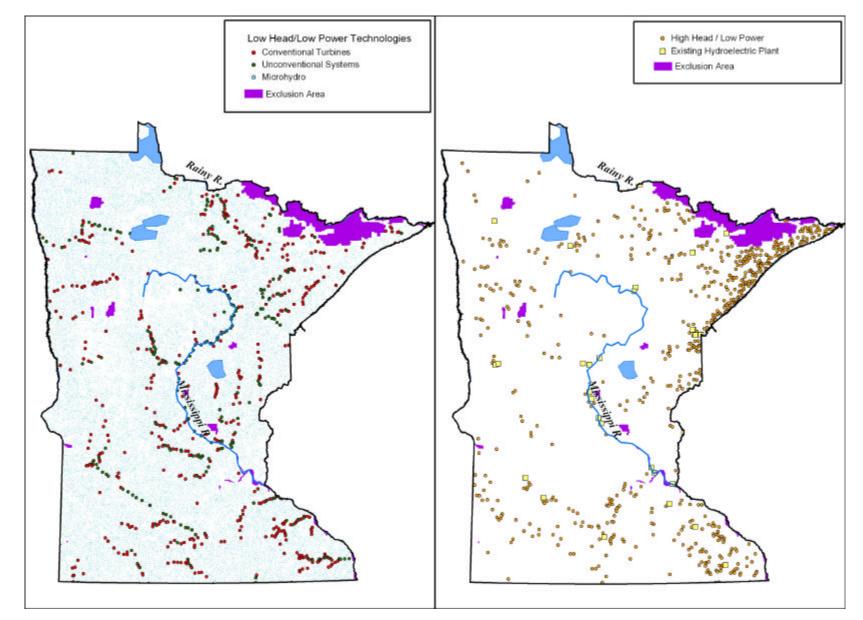


Figure B-115. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Minnesota.

### B.24 Mississippi

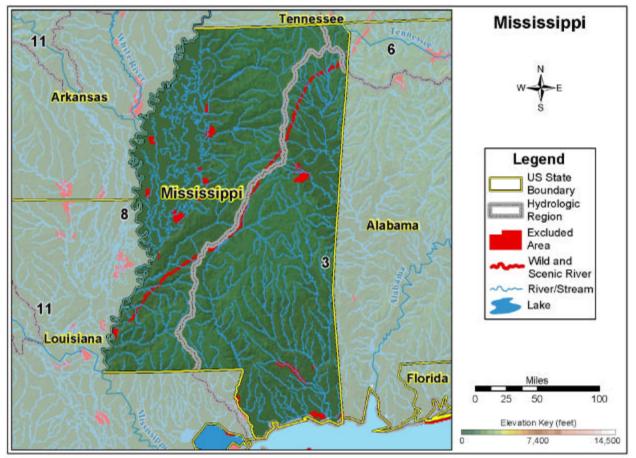
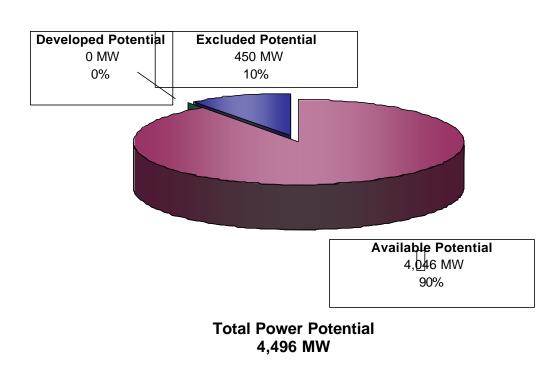
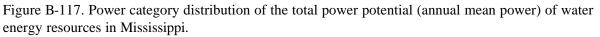


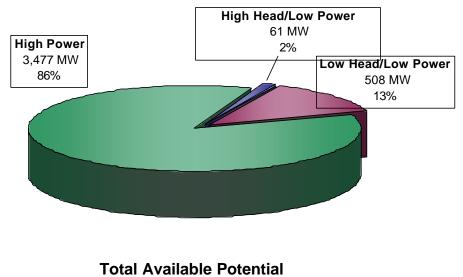
Figure B-116. Mississippi.

Table B-24. Summary of results of water energy resource assessment of Mississippi.

Annual Mean Power (MW)	Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
TOTAL POWER	4,496	0	450	4,046
TOTAL HIGH POWER	3,899	0	422	3,477
High Head/High Power	62	0	2	60
Low Head/High Power	3,837	0	420	3,417
TOTAL LOW POWER	597	0	28	569
High Head/Low Power	63	0	2	<mark>61</mark>
Low Head/Low Power	534	0	26	<b>508</b>
Conventional Turbine	184	0	12	172
Unconventional Systems	133	0	6	127
Microhydro	217	0	8	209
<ul> <li>No feasibility or availability assessments ha developed and excluded potentials from tot</li> </ul>		d. "Available" only indic	ates net potential after	er subtracting







4.046 MW

Figure B-118. Power class distribution of the available power potential (annual mean power) of water energy resources in Mississippi.

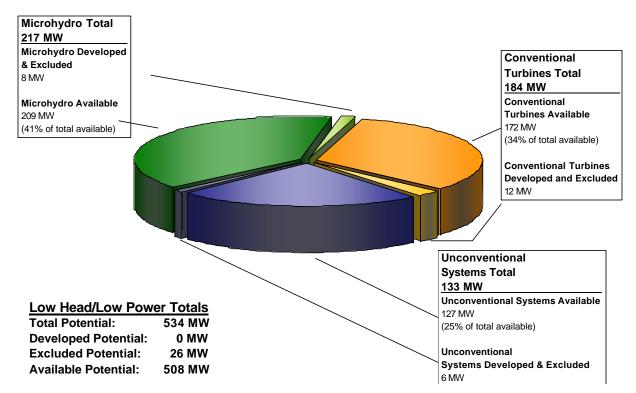


Figure B-119. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Mississippi among three low head/low power hydropower technology classes.

# Mississippi

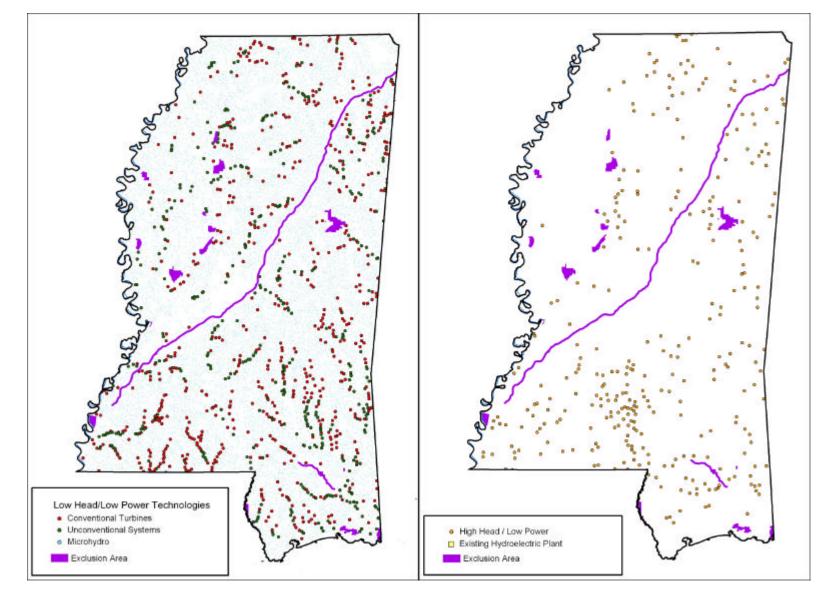


Figure B-120. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Mississippi.

#### B.25 Missouri

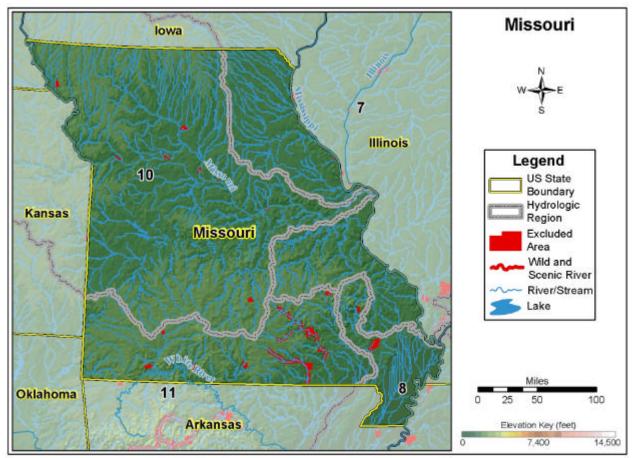


Figure B-121. Missouri.

Table B-25. Summary of results of water energy resource assessment of Missouri.

Total	Developed	Excluded	<b>Available</b> <sup>a</sup>
4,549	129	117	4,303
3,588	128	65	3,395
190	128	14	48
3,398	0	51	3,347
961	1	52	908
202	1	16	185
759	0	36	723
296	0	19	277
108	0	10	98
355	0	7	348
	4,549 3,588 190 3,398 961 202 759 296 108	4,549       129         3,588       128         190       128         3,398       0         961       1         202       1         759       0         296       0         108       0	4,549         129         117           3,588         128         65           190         128         14           3,398         0         51           961         1         52           202         1         16           759         0         36           296         0         19           108         0         10

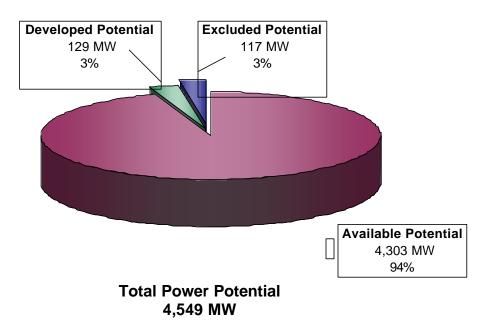
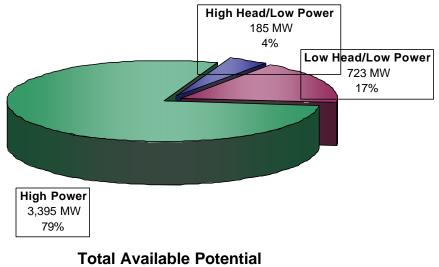


Figure B-122. Power category distribution of the total power potential (annual mean power) of water energy resources in Missouri.



#### 4,303 MW

Figure B-123. Power class distribution of the available power potential (annual mean power) of water energy resources in Missouri.

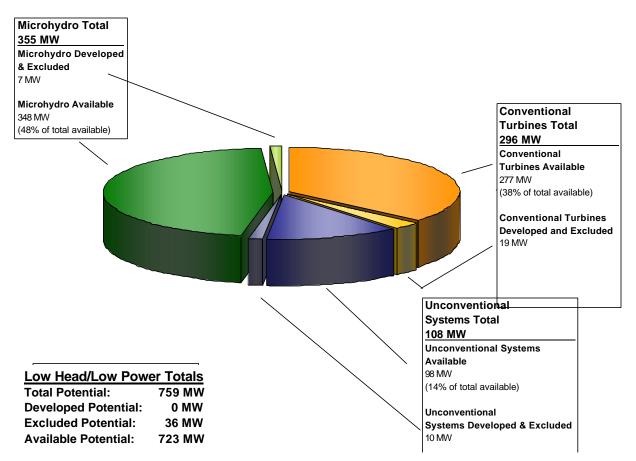


Figure B-124. Distribution of the low head/low power power potential (annual mean power) of water energy resources in Missouri among three low head/low power hydropower technology classes.

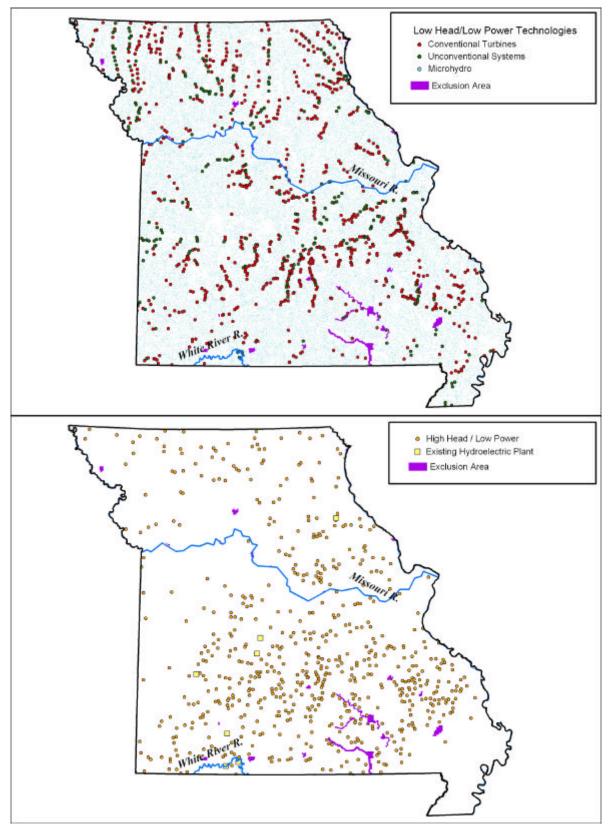


Figure B-125. Low head/low power and high head/low power water energy sites, and existing hydroelectric plants in Missouri.