

UNITED STATES OF AMERICA  
FEDERAL ENERGY REGULATORY COMMISSION

America's Water Infrastructure Act of 2018

Docket No. AD19-7-000

NONPOWERED FEDERAL DAMS WITH POTENTIAL FOR NON-FEDERAL  
HYDROPOWER DEVELOPMENT

(October 17, 2019)

On October 23, 2018, the President signed the America's Water Infrastructure Act of 2018 (AWIA) into law.<sup>1</sup> Section 3003 of AWIA directs the Federal Energy Regulatory Commission (Commission) to jointly develop, with the Secretary of the Army, the Secretary of the Interior, and the Secretary of Agriculture (Secretaries), a list of existing nonpowered federal dams that the Commission and the Secretaries agree have the greatest potential for non-federal hydropower development. The list must be made available to the public and provided to certain Committees of the House of Representatives and the Senate not later than 12 months after the date of enactment of the AWIA.

The Commission established docket AD19-7-000 in order to implement this requirement of the Act. On November 13, 2018, the Commission issued a notice establishing an anticipated schedule for implementing the requirements of the AWIA. On December 13, 2018, the Commission sent letters to the Secretaries requesting a designated point of contact for the purposes of receiving and providing input on a draft list of nonpowered federal dams. Commission staff subsequently contacted the agencies by telephone and email as a courtesy and to offer to answer any questions. The Assistant Secretary for Civil Works at the Department of the Army filed a formal response designating a point of contact on January 9, 2019. The other two departments informally identified points of contact to Commission staff via telephone and email.

To develop an initial draft list of nonpowered federal dams, Commission staff used the following existing sources: the U.S. Department of Energy's (DOE) April 2012 *Assessment of Energy Potential at Non-Powered Dams in the United States Report*; the U.S. Army Corps of Engineers' (Corps) July 2013 *Hydropower Resource Assessment at Non-Powered USACE Sites*; the U.S. Bureau of Reclamation's (Reclamation) March 2011 *Hydropower Resources Assessment at Existing Reclamation Facilities*; and

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<sup>1</sup> Pub. L. No. 115-270, 132 Stat. 3765.

Reclamation's March 2012 *Site Inventory and Hydropower Energy Assessment of Reclamation Owned Conduits*.

Commission staff also used DOE's list of top 100 non-powered dams with the most estimated hydropower potential, prioritized by capacity.<sup>2</sup> This list was expanded to 296 dams by obtaining the complete list of dams for the report from Oak Ridge National Laboratory, the report's preparer. Commission staff then sorted the list to include only federally owned dams, and cross-checked it against the aforementioned lists from the Corps and Reclamation to remove redundancies and to exclude dams with development authorities reserved to the federal owners. The draft list also included the Commission's processing history, for licenses and preliminary permits, at each dam as an indicator of past hydropower development efforts.

On June 5, 2019, Commission staff distributed the draft list to the designated point of contact for the Department of the Army, and contacts at the U.S. Department of the Interior and the U.S. Department of Agriculture, seeking comments on the draft list. The Commission asked the departments to evaluate each listed dam's potential for hydropower development using the following considerations:

- The compatibility of hydropower generation with existing purposes of the dam;
- The proximity of the dam to existing transmission resources;
- The existence of studies to characterize environmental, cultural, and historic resources relating to the dam; and
- The effects of hydropower development on release or flow operations of the dam.<sup>3</sup>

The Commission received comments on the draft list from the Corps, Reclamation, the Forest Service, and the National Park Service. The attached final list of non-powered federal dams excludes: (1) dams that are or will be utilized by a non-federal hydropower project under an existing Commission-issued hydropower license; (2)

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<sup>2</sup> DOE's list included both federal and non-federal dams.

<sup>3</sup> The Corps notes that any hydropower development proposal that is designed to operate within the existing Corps Operations and Maintenance (O&M) manual would likely have no effect on current operation. However, any proposal that would require a deviation from the O&M manual to accommodate the addition of hydropower generation would require a project specific and related section 408 evaluation under the Rivers and Harbors Act, or possibly a change to the water control manual, which would require specific funding and must not negatively impact other Congressionally-authorized project purposes.

dams identified by the Forest Service as incompatible with the purposes of existing Forest Management Plans or reservation authority; (3) dams identified by the Corps as incompatible with hydropower generation due to certain circumstances that would hinder hydropower development (e.g., pending dam removal, extenuating construction activities, etc.); and (4) dams identified by the National Park Service that may have the potential to affect the national park system or the National Wild and Scenic River system.

Finally, Reclamation noted discrepancies between the draft list's potential capacity figures and corresponding capacity figures reported by Reclamation's March 2011 *Hydropower Resource Assessment at Existing Reclamation Facilities*. The capacity figures reflected in the final list have been adjusted accordingly.

The list includes 230 non-powered federal dams, sorted by potential capacity, which the Commission and the Secretaries agree have the greatest potential for non-federal hydropower development.

## Existing Non-powered Federal Dams with Greatest Potential for Non-Federal Hydropower Development

No.	Name of Dam	Potential Capacity (MW)*	Federal Owner	Corps Management Unit	Nearest City or Town	State	Waterway	Current FERC Preliminary Permit		Number of Prior Preliminary Permits	Prior FERC License	
								Yes	No		Yes	No
1	MELVIN PRICE LOCKS & DAM	299.3	CORPS	CEMVS	ALTON	IL/MO	MISSISSIPPI RIVER		X	2		X
2	COFFEEVILLE LOCK & DAM	241.7	CORPS	CESAM	COFFEEVILLE	AL	TOMBIGBEE RIVER		X	7	X	
3	CLAIBORNE LOCK & DAM	228.3	CORPS	CESAM	CLAIBORNE	AL	ALABAMA RIVER		X	2		X
4	DAVID D. TERRY LOCK & DAM	164.9	CORPS	CESWL	PINE BLUFF	AR	ARKANSAS RIVER		X	5		X
5	JOE HARDIN LOCK & DAM	161.0	CORPS	CESWL	GILLETT	AR	ARKANSAS RIVER		X	2		X
6	COL. CHARLES D. MAYNARD LOCK & DAM	156.1	CORPS	CESWL	PINE BLUFF	AR	ARKANSAS RIVER		X	0		X
7	LOCK & DAM 25	147.3	CORPS	CEMVS	WINFIELD	IL/MO	MISSISSIPPI RIVER		X	0		X
8	LOCK & DAM 24	146.5	CORPS	CEMVS	CLARKSVILLE	IL/MO	MISSISSIPPI RIVER		X	0		X
9	TOAD SUCK FERRY LOCK & DAM	144.9	CORPS	CESWL	LITTLE ROCK	AR	ARKANSAS RIVER		X	4		X
10	W.D. MAYO LOCK & DAM	134.9	CORPS	CESWT	ARKHOMA	OK	ARKANSAS RIVER		X	1		X
11	EMMETT SANDERS LOCK & DAM	128.7	CORPS	CESWL	GILLETT	AR	ARKANSAS RIVER		X	3		X
12	JONESVILLE LOCK & DAM	122.6	CORPS	CEMVK	JONESVILLE	LA	BLACK RIVER		X	3		X
13	MILLWOOD DAM	100.8	CORPS	CESWL	FULTON	AR	LITTLE RIVER		X	6	X	
14	LOCK & DAM 22	94.9	CORPS	CEMVR	SAVERTON	IL/MO	MISSISSIPPI RIVER		X	3		X

No.	Name of Dam	Potential Capacity (MW)*	Federal Owner	Corps Management Unit	Nearest City or Town	State	Waterway	Current FERC Preliminary Permit		Number of Prior Preliminary Permits	Prior FERC License	
								Yes	No		Yes	No
15	LOCK & DAM 21	93.1	CORPS	CEMVR	QUINCY	IL/MO	MISSISSIPPI RIVER		X	4		X
16	MONTGOMERY POINT LOCK & DAM	93.0	CORPS	CESWL	SNOW LAKE	AR	WHITE RIVER		X	0		X
17	LOCK & DAM 20	92.2	CORPS	CEMVR	CANTON	IL/MO	MISSISSIPPI RIVER		X	4		X
18	LOCK & DAM 15	87.7	CORPS	CEMVR	ROCK ISLAND	IA/IL	MISSISSIPPI RIVER		X	0		X
19	JOHN MARTIN DAM	78.9	CORPS	CESPA	LAMAR	CO	ARKANSAS RIVER		X	3		X
20	LOCK & DAM 18	70.1	CORPS	CEMVR	GLADSTONE	IA/IL	MISSISSIPPI RIVER		X	0		X
21	LOCK & DAM 11	68.8	CORPS	DAEN NCR	DUBUQUE	IA/WI	MISSISSIPPI RIVER		X	0		X
22	OOLOGAH DAM	60.2	CORPS	CESWT	OOLOGAH	OK	VERDIGRIS RIVER		X	3	X	
23	LOCK AND DAM 14	60.2	CORPS	CEMVR	PLEASANT VALLEY	IA/IL	MISSISSIPPI RIVER		X	2		X
24	LOCK AND DAM 16	55.3	CORPS	CEMVR	ILLINOIS CITY	IA/IL	MISSISSIPPI RIVER		X	4		X
25	GEORGE W. ANDREWS LOCK & DAM	55.1	CORPS	CESAM	COLUMBIA	AL/GA	CHATTAHOOCHEE RIVER		X	2	X	
26	OLIVER DAM (WILLIAM BACON OLIVER REPLACEMENT)	53.8	CORPS	CESAM	TUSCALOOSA	AL	BLACK WARRIOR RIVER		X	3		X
27	COLUMBIA LOCK & DAM	51.8	CORPS	CEMVK	COLUMBIA	LA	OUACHITA RIVER		X	5	X	
28	A.I. SELDEN LOCK & DAM	51.0	CORPS	CESAM	EUTAW	AL	BLACK WARRIOR RIVER		X	2		X
29	LOCK AND DAM 17	49.3	CORPS	CEMVR	NEW BOSTON	IA/IL	MISSISSIPPI RIVER		X	4		X

No.	Name of Dam	Potential Capacity (MW)*	Federal Owner	Corps Management Unit	Nearest City or Town	State	Waterway	Current FERC Preliminary Permit		Number of Prior Preliminary Permits	Prior FERC License	
								Yes	No		Yes	No
30	JOHN C. STENNIS LOCK & DAM	47.8	CORPS	CESAM	COLUMBUS	MS	TOMBIGBEE RIVER	X		1		X
31	DASHIELDS LOCKS & DAM	47.1	CORPS	CELRP	AMBRIDGE	PA	OHIO RIVER		X	6	X	
32	LOCK & DAM 8	46.2	CORPS	CEMVP	GENOA	MN/ WI	MISSISSIPPI RIVER		X	2		X
33	LOCK & DAM 10	44.3	CORPS	CEMVP	GUTTENBERG	IA	MISSISSIPPI RIVER		X	1		X
34	LOCK & DAM 3	43.8	CORPS	CELRP	ELIZABETH	PA	ALLEGHENY RIVER		X	2	X	
35	FELSENTHAL LOCK & DAM	40.4	CORPS	CEMVK	FELSENTHAL	AR	OUACHITA RIVER		X	4		X
36	LOCK & DAM 9	38.9	CORPS	CEMVP	LYNXVILLE	WI	MISSISSIPPI RIVER		X	1		X
37	LOCK & DAM 4	34.0	CORPS	CELRP	NATRONA	PA	ALLEGHENY RIVER		X	5		X
38	LOCK & DAM 5	33.6	CORPS	DAEN NCS	MINNESOTA CITY	MN/ WI	MISSISSIPPI RIVER		X	2		X
39	LOCK & DAM 7	31.7	CORPS	CEMVP	LA CRESCENT	MN/ WI	MISSISSIPPI RIVER		X	1		X
40	DEWEY DAM	31.7	CORPS	CELRH	AUXIER	KY	JOHNS CREEK		X	0		X
41	FRANKLIN FALLS DAM	30.1	CORPS	CENAE	FRANKLIN	NH	PEMIGEWASSET RIVER		X	2		X
42	CHATFIELD DAM	29.1	CORPS	CENWO	DENVER	CO	SOUTH PLATTE RIVER		X	3		X
43	BELTON LAKE	27.5	CORPS	CESWF	BELTON	TX	LEON RIVER		X	3		X
44	HOWARD A. HANSON DAM	26.3	CORPS	CENWS	AUBURN	WA	GREEN RIVER		X	2		X

No.	Name of Dam	Potential Capacity (MW)*	Federal Owner	Corps Management Unit	Nearest City or Town	State	Waterway	Current FERC Preliminary Permit		Number of Prior Preliminary Permits	Prior FERC License	
								Yes	No		Yes	No
45	LOCK & DAM 4	25.3	CORPS	CEMVP	ALMA	MN/WI	MISSISSIPPI RIVER		X	0		X
46	MORELOS DIVERSION	25.2	IBWC	NOT APPLICABLE	YUMA	AZ/CA	COLORADO RIVER		X	0		X
47	SAYLORVILLE DAM	24.3	CORPS	CEMVR	DES MOINES	IA	DES MOINES RIVER	X		7		X
48	TWIN BUTTES DAM	23.12	DOI BR	NOT APPLICABLE	SAN ANGELO	TX	SPRING CREEK		X	0		X
49	LOCK & DAM 6	22.8	CORPS	CEMVP	TREMPEALEAU	MN/WI	MISSISSIPPI RIVER		X	0		X
50	BARREN RIVER LAKE DAM	22.3	CORPS	CELRL	BOWLING GREEN	KY	BARREN RIVER	X		1		X
51	LA GRANGE LOCK & DAM	22.1	CORPS	CEMVR	BEARDSTOWN	IL	ILLINOIS RIVER		X	2		X
52	ABERDEEN LOCK & DAM	22.0	CORPS	CESAM	ABERDEEN	MS	TENNESSEE-TOMBIGBEE WATERWAY	X		3	X	
53	WISTER LAKE DAM	20.9	CORPS	CESWT	POTEAU	OK	POTEAU RIVER		X	3		X
54	SUTTON DAM	20.3	CORPS	CELRH	SUTTON	WV	ELK RIVER	X		5	X	
55	GREEN RIVER LOCKS & DAM 2	20.2	CORPS	CELRL	RUMSEY	KY	GREEN RIVER		X	4		X
56	GREEN RIVER LOCK & DAM 3	19.8	CORPS	CELRL	PARADISE	KY	GREEN RIVER		X	3		X
57	JOHN REDMOND DAM	19.7	CORPS	CESWT	BURLINGTON	KS	GRAND NEOSHO RIVER		X	2		X
58	LOCK & DAM 5A	19.5	CORPS	CEMVP	FOUNTAIN CITY	MN/WI	MISSISSIPPI RIVER		X	0		X
59	WRIGHT PATMAN DAM	18.7	CORPS	CESWF	TEXARKANA	TX	SULPHUR RIVER		X	5		X

No.	Name of Dam	Potential Capacity (MW)*	Federal Owner	Corps Management Unit	Nearest City or Town	State	Waterway	Current FERC Preliminary Permit		Number of Prior Preliminary Permits	Prior FERC License	
								Yes	No		Yes	No
60	CORALVILLE DAM	18.7	CORPS	CEMVR	IOWA CITY	IA	IOWA RIVER		X	7		X
61	CHOUTEAU LOCK AND DAM	18.7	CORPS	CESWT	OKAY	OK	VERDIGRIS RIVER		X	3		X
62	LITTLE RIVER CLOSURE DAM	18.1	CORPS	CEMVK	JONESVILLE	LA	LITTLE RIVER		X	0		X
63	NEWT GRAHAM LOCK AND DAM 18	17.9	CORPS	CESWT	BROKEN ARROW	OK	VERDIGRIS RIVER		X	3		X
64	JERRY F. COSTELLO LOCK AND DAM	17.9	CORPS	CEMVS	CHESTER	IL/MO	KASKASKIA RIVER		X	5		X
65	PINE CREEK LAKE DAM	17.1	CORPS	CESWT	VALLIANT	OK	LITTLE RIVER		X	2	X	
66	GREEN RIVER LAKE DAM	16.8	CORPS	CELRL	GREENSBURG	KY	GREEN RIVER	X		2		X
67	ST. LUCIE LOCK AND DAM	16.6	CORPS	CESAJ	PALM CITY	FL	ST LUCIE CANAL		X	0		X
68	LOCK & DAM 1	16.6	CORPS	CESAW	EAST ARCADIA	NC	CAPE FEAR RIVER		X	0		X
69	HILDEBRAND LOCK & DAM	15.8	CORPS	CELRP	MORGANTOWN	WV	MONONGAHELA RIVER		X	5	X	
70	R. D. BAILEY DAM	15.1	CORPS	CELRH	JUSTICE	WV	GUYANDOT RIVER		X	5		X
71	GREEN RIVER LOCKS AND DAM 1	14.8	CORPS	CELRL	HENDERSON	KY	GREEN RIVER		X	3		X
72	AMORY LOCK AND DAM	14.7	CORPS	CESAM	AMORY	MS	TENNESSEE-TOMBIGBEE WATERWAY		X	1		X
73	DOVER DAM	14.6	CORPS	CELRH	DOVER	OH	TUSCARAWAS RIVER		X	1		X
74	PEORIA LOCK AND DAM	14.4	CORPS	CEMVR	PEORIA	IL	ILLINOIS RIVER		X	2		X

No.	Name of Dam	Potential Capacity (MW)*	Federal Owner	Corps Management Unit	Nearest City or Town	State	Waterway	Current FERC Preliminary Permit		Number of Prior Preliminary Permits	Prior FERC License	
								Yes	No		Yes	No
75	CLEARWATER DAM	14.3	CORPS	CESWL	LEEPER	MO	BLACK RIVER		X	2		X
76	HORSESHOE DAM	13.86	DOI BR	NOT APPLICABLE	RIO VERDE	AZ	VERDE RIVER		X	0		X
77	MISSISSINewa LAKE DAM	13.8	CORPS	CELRL	PERU	IN	MISSISSINewa RIVER		X	5		X
78	LOCK & DAM 2	12.9	CORPS	CESAW	ELIZABETHTOWN	NC	CAPE FEAR RIVER		X	0		X
79	CADDO LAKE DAM	12.8	CORPS	CEMVK	SHREVEPORT	LA	BIG CYPRESS BAYOU		X	1	X	
80	GREEN RIVER LOCK AND DAM 5	12.7	CORPS	CELRL	ROUND HILL	KY	GREEN RIVER		X	4		X
81	MONONGAHELA LOCKS AND DAM 3	12.6	CORPS	CELRP	ELIZABETH	PA	MONONGAHELA RIVER		X	1		X
82	CAVE RUN LAKE DAM	12.6	CORPS	CELRL	FARMERS	KY	LICKING RIVER		X	5		X
83	WILLIAM O. HUSKE LOCK & DAM	12.4	CORPS	CESAW	TAR HEEL	NC	CAPE FEAR RIVER		X	0		X
84	FISHTRAP DAM	12.4	CORPS	CELRH	JUSTICEVILLE	KY	LEVISA FORK OF BIG SANDY RIVER		X	2		X
85	AMERICAN DIVERSION DAM	12.4	IBWC	NOT APPLICABLE	EL PASO	NV/ TX	RIO GRANDE RIVER		X	0		X
86	TUTTLE CREEK DAM	12.2	CORPS	CENWK	MANHATTAN	KS	BIG BLUE RIVER	X		8		X
87	HIRAM M. CHITTENDEN LOCKS & DAM	12.0	CORPS	CENWS	SEATTLE	WA	CEDAR AND SAMMAMISH RIVERS		X	2		X
88	APPLEGATE DAM	11.5	CORPS	CENWP	APPLEGATE	OR	APPLEGATE RIVER		X	1	X	
89	LAVON DAM	11.0	CORPS	CESWF	ROCKWALL	TX	EAST FORK OF TRINITY RIVER		X	1		X

No.	Name of Dam	Potential Capacity (MW)*	Federal Owner	Corps Management Unit	Nearest City or Town	State	Waterway	Current FERC Preliminary Permit		Number of Prior Preliminary Permits	Prior FERC License	
								Yes	No		Yes	No
90	FERRELLS BRIDGE DAM	10.9	CORPS	CESWF	JEFFERSON	TX	CYPRESS CREEK		X	3		X
91	NIMROD DAM	10.7	CORPS	CESWL	PERRYVILLE	AR	FOURCHE LA FAVE RIVER		X	3	X	
92	DILLON DAM	10.3	CORPS	CELRH	ZANESVILLE	OH	LICKING RIVER		X	3		X
93	FRANCIS E. WALTER DAM	10.2	CORPS	CENAP	WHITE HAVEN	PA	LEHIGH RIVER		X	4		X
94	STILLHOUSE-HOLLOW DAM	10.1	CORPS	CESWF	CAMERON	TX	LAMPASAS RIVER		X	2		X
95	SUMNER DAM	9.8	CORPS	DOI BR	FORT SUMNER	NM	PECOS RIVER		X	0	X	
96	J. EDWARD ROUSH LAKE DAM	8.9	CORPS	CELRL	HUNTINGTON	IN	WABASH RIVER		X	2		X
97	SALAMONIE LAKE DAM	8.7	CORPS	CELRL	LAGRO	IN	SALAMONIE RIVER		X	6		X
98	DEQUEEN DAM	8.4	CORPS	CESWL	DEQUEEN	AR	ROLLING FORK		X	3		X
99	BROOKVILLE LAKE DAM	8.4	CORPS	CELRL	BROOKVILLE	IN	EAST FORK OF WHITEWATER RIVER		X	3		X
100	WILLS CREEK DAM	8.3	CORPS	CELRH	CONESVILLE	OH	WILLS CREEK		X	2		X
101	ROUGH RIVER LAKE DAM	8.3	CORPS	CELRL	FALLS OF ROUGH	KY	ROUGH RIVER		X	3		X
102	BLUE MOUNTAIN DAM	8.3	CORPS	CESWL	BLUE MOUNTAIN	AR	PETIT JEAN RIVER		X	1		X
103	BAYOU BODCAU DAM	8.2	CORPS	CEMVK	COTTON VALLEY	LA	BAYOU BODCAU		X	0		X
104	PAINT CREEK DAM	8.1	CORPS	CELRH	BAINBRIDGE	OH	PAINT CREEK		X	4		X

No.	Name of Dam	Potential Capacity (MW)*	Federal Owner	Corps Management Unit	Nearest City or Town	State	Waterway	Current FERC Preliminary Permit		Number of Prior Preliminary Permits	Prior FERC License	
								Yes	No		Yes	No
105	SANTA ROSA DAM	7.9	CORPS	CESPA	SANTA ROSA	NM	PECOS RIVER		X	1		X
106	MONROE LAKE DAM	7.9	CORPS	CELRL	HARRODSBURG	IN	SALT CREEK		X	5		X
107	WILLIAM H. HARSHA LAKE DAM	7.6	CORPS	CELRL	BATAVIA	OH	EAST FORK OF LITTLE MIAMI RIVER		X	1		X
108	BARTLETT DAM	7.53	DOI BR	NOT APPLICABLE	RIO VERDE	AZ	BARTLETT LAKE		X	0		X
109	SHENANGO DAM	7.5	CORPS	CELRP	SHARPSVILLE	PA	SHENANGO RIVER		X	4		X
110	CLE ELUM DAM	7.25	DOI BR	NOT APPLICABLE	CLE ELUM	WA	CLE ELUM RIVER		X	3		X
111	CANTON LAKE	6.7	CORPS	CESWT	CANTON	OK	NORTH CANADIAN RIVER		X	0		X
112	GRANGER DAM AND LAKE	6.3	CORPS	CESWF	GRANGER	TX	SAN GABRIEL RIVER		X	0		X
113	NORTH FORK DAM	6.2	CORPS	CESPK	AUBURN	CA	NORTH FORK AMERICAN RIVER		X	0		X
114	TAYLORSVILLE LAKE DAM	6.1	CORPS	CELRL	TAYLORSVILLE	KY	SALT RIVER		X	5		X
115	FULTON LOCK AND DAM	6.1	CORPS	CESAM	FULTON	MS	TENNESSEE-TOMBIGBEE WATERWAY		X	2		X
116	CROOKED CREEK DAM	6.1	CORPS	CELRP	FORD CITY	PA	CROOKED CREEK		X	4		X
117	TORONTO LAKE DAM	5.9	CORPS	CESWT	TORONTO	KS	VERDIGRIS RIVER		X	0		X
118	HULAH LAKE DAM	5.8	CORPS	CESWT	WHIPOORWILL	OK	CANEY RIVER		X	0		X
119	CONCHAS DAM	5.5	CORPS	CESPA	TUCUMCARI	NM	CANADIAN RIVER/CONCHAS RIVER		X	0		X

No.	Name of Dam	Potential Capacity (MW)*	Federal Owner	Corps Management Unit	Nearest City or Town	State	Waterway	Current FERC Preliminary Permit		Number of Prior Preliminary Permits	Prior FERC License	
								Yes	No		Yes	No
120	TRINIDAD LAKE DAM	5.4	CORPS	CESPA	TRINIDAD	CO	PURGATOIRE RIVER		X	1		X
121	BENBROOK LAKE DAM	5.3	CORPS	CESWF	BENBROOK	TX	CLEAR FORK OF TRINITY RIVER		X	0		X
122	FERN RIDGE DAM	5.1	CORPS	CENWP	ALVADORE	OR	LONG TOM RIVER		X	2		X
123	UNION CITY DAM	5.0	CORPS	CELRP	UNION CITY	PA	FRENCH CREEK		X	4		X
124	BLUE RIVER DAM	5.0	CORPS	CENWP	SPRINGFIELD	OR	BLUE RIVER		X	2	X	
125	ELK RIVER DAM	4.9	USAF AFMC	NOT APPLICABLE	ESTILL SPRINGS	TN	ELK RIVER		X	0		X
126	FALL RIVER LAKE DAM	4.8	CORPS	CESWT	FALL RIVER	KS	FALL RIVER		X	0		X
127	TIOGA DAM	4.6	CORPS	CENAB	TIOGA	PA	TIOGA RIVER		X	1		X
128	NORMANDY DAM	4.6	TVA	NOT APPLICABLE	NORMANDY	TN	DUCK RIVER		X	0		X
129	GILLHAM DAM	4.6	CORPS	CESWL	GILLHAM	AR	COSSATOT RIVER		X	2	X	
130	BUCKHORN LAKE DAM	4.6	CORPS	CELRL	BUCKHORN	KY	MIDDLE FORK KENTUCKY RIVER		X	1		X
131	POMME DE TERRE DAM	4.5	CORPS	CENWK	HERMITAGE	MO	POMME DE TERRE RIVER		X	4		X
132	JOHN RANKIN LOCK AND DAM	4.5	CORPS	CESAM	FULTON	MS	TENNESSEE-TOMBIGBEE WATERWAY		X	1		X
133	GREAT SALT PLAINS DAM	4.3	CORPS	CESWT	JET	OK	SALT FORK ARKANSAS RIVER		X	1		X
134	GLOVER WILKINS LOCK AND DAM	4.2	CORPS	CESAM	SMITHVILLE	MS	TENNESSEE-TOMBIGBEE WATERWAY		X	2		X

No.	Name of Dam	Potential Capacity (MW)*	Federal Owner	Corps Management Unit	Nearest City or Town	State	Waterway	Current FERC Preliminary Permit		Number of Prior Preliminary Permits	Prior FERC License	
								Yes	No		Yes	No
135	CEDAR CREEK DAM	4.2	TVA	NOT APPLICABLE	RUSSELLVILLE	AL	CEDAR CREEK		X	1		X
136	WHITNEY POINT DAM	4.1	CORPS	CENAB	WHITNEY POINT	NY	OTSELIC RIVER		X	2		X
137	GRAPEVINE DAM	4.1	CORPS	CESWF	GRAPEVINE	TX	DENTON CREEK		X	0		X
138	BOLIVAR DAM	4.1	CORPS	CELRH	BOLIVAR	OH	SANDY CREEK TUSCARAWAS RIVER		X	0		X
139	SKIATOOK DAM	4.0	CORPS	CESWT	SKIATOOK	OK	HOMINY CREEK		X	2		X
140	MILFORD DAM	4.0	CORPS	CENWK	JUNCTION CITY	KS	REPUBLICAN RIVER		X	6		X
141	ALAMO DAM	4.0	CORPS	CESPL	PARKER	AZ	BILL WILLIAMS RIVER		X	2		X
142	MELVERN DAM	3.8	CORPS	CENWK	MELVERN	KS	MARAI DES CYGNES RIVER		X	1		X
143	BLUE MARSH DAM	3.8	CORPS	CENAP	READING	PA	TULPEHOCKEN CREEK SCHUYLKILL RIVER		X	4	X	
144	NAVARRO MILLS DAM	3.7	CORPS	CESWF	DAWSON	TX	RICHLAND CREEK		X	0		X
145	BEAR CREEK DAM	3.7	TVA	NOT APPLICABLE	VINA	AL	BEAR CREEK		X	0		X
146	PERRY DAM	3.6	CORPS	CENWK	PERRY	KS	DELAWARE RIVER		X	4		X
147	BERLIN DAM	3.6	CORPS	CELRP	ALLIANCE	OH	MAHONING RIVER		X	4		X
148	THOMASTON DAM	3.5	CORPS	CENAE	THOMASTON	CT	NAUGATUCK RIVER		X	1		X
149	EAST BRANCH DAM	3.5	CORPS	CELRP	JOHNSONBURG	PA	CLARION RIVER		X	2		X

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								Yes	No		Yes	No
150	DEER CREEK DAM	3.4	CORPS	CELRH	MOUNT STERLING	OH	DEER CREEK		X	1		X
151	CURWENSVILLE DAM	3.4	CORPS	CENAB	CURWENSVILLE	PA	WEST BRANCH SUSQUEHANNA RIVER		X	2		X
152	DELAWARE DAM	3.3	CORPS	CELRH	DELAWARE	OH	OLENTANGY RIVER		X	1		X
153	ARTHUR R. BOWMAN DAM	3.29	DOI BR	NOT APPLICABLE	PRINEVILLE	OR	CROOKED RIVER		X	4		X
154	CABALLO DAM	3.26	DOI BR	NOT APPLICABLE	OASIS	NM	RIO GRANDE		X	2		X
155	POKEGAMA LAKE DAM	3.2	CORPS	CEMVP	GRAND RAPIDS	MN	MISSISSIPPI RIVER		X	0		X
156	INTERNATIONAL DAM	3.2	IBWC	NOT APPLICABLE	EL PASO	TX	RIO GRANDE RIVER		X	0		X
157	COTTAGE GROVE DAM	3.1	CORPS	CENWP	COTTAGE GROVE	OR	COAST FORK WILLAMETTE RIVER		X	2		X
158	COPAN DAM	3.1	CORPS	CESWT	COPAN	OK	LITTLE CANEY RIVER		X	0		X
159	BURNSVILLE DAM	3.1	CORPS	CELRH	BURNSVILLE	WV	LITTLE KANAWHA RIVER		X	0		X
160	STARVATION DAM	3.04	DOI BR	NOT APPLICABLE	DUCHESNE	UT	STRAWBERRY RIVER		X	0		X
161	PLEASANT HILL DAM	3.0	CORPS	CELRH	PERRYSVILLE	OH	CLEAR FORK MOHICAN RIVER		X	4		X
162	PATOKA LAKE DAM	3.0	CORPS	CELRL	JASPER	IN	PATOKA RIVER		X	3		X
163	ORTONA LOCK AND DAM	3.0	CORPS	CESAJ	MOORE HAVEN	FL	CALOOSAHATCHEE CANAL		X	0		X
164	GRAYSON DAM	3.0	CORPS	CELRH	GRAYSON	KY	LITTLE SANDY RIVER		X	0		X

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								Yes	No		Yes	No
165	WEST THOMPSON DAM	2.9	CORPS	CENAE	THOMPSON	CT	QUINEBAUG RIVER		X	1		X
166	STONEWALL JACKSON DAM	2.8	CORPS	CELRP	WESTON	WV	WEST FORK RIVER		X	2		X
167	HIDDEN DAM	2.6	CORPS	CESPK	MADERA	CA	FRESNO RIVER		X	2		X
168	TAYLOR PARK DAM	2.54	DOI BR	NOT APPLICABLE	ALMONT	CO	TAYLOR RIVER		X	0	X	
169	JOE POOL DAM	2.5	CORPS	CESWF	DALLAS	TX	MOUNTAIN CREEK		X	0		X
170	HUNTLEY DIVERSION DAM	2.43	DOI BR	NOT APPLICABLE	HUNTLEY	MT	YELLOWSTONE RIVER		X	0		X
171	YATESVILLE DAM	2.4	CORPS	CELRH	YATESVILLE	KY	BLAINE CREEK		X	0		X
172	NORTH SAN GABRIEL DAM	2.4	CORPS	CESWF	GEORGETOWN	TX	NORTH FORK SAN GABRIEL RIVER		X	1		X
173	CECIL M. HARDEN LAKE DAM	2.4	CORPS	CELRL	ROCKVILLE	IN	RACCOON CREEK		X	1		X
174	CAGLES MILL LAKE DAM	2.4	CORPS	CELRL	CLOVERDALE	IN	MILL CREEK		X	1		X
175	KEECHELUS DAM	2.39	DOI BR	NOT APPLICABLE	EASTON	WA	YAKIMA RIVER		X	2		X
176	WINNIBIGOSHISH DAM	2.3	CORPS	CEMVP	DEER RIVER	MN	MISSISSIPPI RIVER		X	0		X
177	PAINTED ROCK DAM	2.3	CORPS	CESPL	GILA	AZ	GILA RIVER		X	3		X
178	CROW DAM	2.3	BIA	NOT APPLICABLE	RONAN	MT	CROW CREEK		X	0		X
179	WALLACE LAKE DAM	2.2	CORPS	CEMVK	SHREVEPORT	LA	CYPRESS BAYOU		X	0		X

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								Yes	No		Yes	No
180	UPPER BEAR CREEK DAM	2.2	TVA	NOT APPLICABLE	BEAR CREEK	AL	BEAR CREEK		X	0		X
181	SURRY MOUNTAIN DAM	2.2	CORPS	CENAE	SURRY	NH	ASHUELOT RIVER		X	0		X
182	PROMPTON DAM	2.2	CORPS	CENAP	PROMPTON	PA	LACKAWAXEN RIVER		X	0		X
183	EAST LYNN DAM	2.2	CORPS	CELRH	EAST LYNN	WV	EAST FORK TWELVEPOLE CREEK		X	1		X
184	BLACKWATER DAM	2.2	CORPS	CENAE	WEBSTER	NH	BLACKWATER RIVER		X	0		X
185	GRAY REEF DAM	2.07	DOI BR	NOT APPLICABLE	ALCOVA	WY	NORTH PLATE RIVER		X	0		X
186	SUN RIVER DIVERSION DAM	2.02	DOI BR	NOT APPLICABLE	CHOTEAU	MT	NORTH FORK SUN RIVER		X	3		X
187	BEACH CITY DAM	2.0	CORPS	CELRH	STRASBURG	OH	SUGAR CREEK OF TUSCARAWAS		X	0		X
188	BARDWELL LAKE	2.0	CORPS	CESWF	ENIS	TX	WAXAHACHIE CREEK		X	0		X
189	GRAND VALLEY DIVERSION DAM	1.98	DOI BR	NOT APPLICABLE	PALISADE	CO	COLORADO RIVER		X	2		X
190	PAINTSVILLE DAM	1.9	CORPS	CELRH	PAINTSVILLE	KY	PAINT CREEK		X	0		X
191	GENERAL EDGAR JADWIN DAM	1.9	CORPS	CENAP	HONESDALE	PA	DYBERRY CREEK		X	0		X
192	BIRCH HILL DAM	1.9	CORPS	CENAE	ROYALSTON	MA	MILLERS RIVER		X	0		X
193	ORWELL RESERVOIR & DAM	1.8	CORPS	CEMVP	FERGUS FALLS	MN	OTTER TAIL RIVER		X	0		X
194	HUBBART DAM	1.8	BIA	NOT APPLICABLE	MARION	MT	LITTLE BITTERROOT		X	0		X

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								Yes	No		Yes	No
195	COWANESQUE DAM	1.8	CORPS	CENAB	LAWRENCEVILLE	PA	COWANESQUE RIVER		X	2		X
196	HAMMOND DAM	1.7	CORPS	CENAB	TIOGA	PA	CROOKED CREEK		X	0		X
197	CORNEY DAM	1.7	USDA FS	NOT APPLICABLE	BERNICE	LA	CORNEY BAYOU		X	0		X
198	FRESNO DAM	1.66	DOI BR	NOT APPLICABLE	HAVRE	MT	MILK RIVER		X	3		X
199	MERRITT DAM	1.63	DOI BR	NOT APPLICABLE	VALENTINE	NE	SNAKE RIVER		X	3		X
200	JOES VALLEY DAM	1.62	DOI BR	NOT APPLICABLE	ORANGEVILLE	UT	SEELY CREEK		X	0		X
201	VIRGINIA SMITH DAM	1.61	DOI BR	NOT APPLICABLE	BURWELL	NE	CALAMUS RIVER		X	0		X
202	WESTVILLE DAM	1.6	CORPS	CENAE	SOUTHBRIDGE	MA	QUINEBAUG RIVER		X	1		X
203	PROCTOR DAM	1.6	CORPS	CESWF	COMANCHE	TX	LEON RIVER		X	0		X
204	NORTH SPRINGFIELD DAM	1.6	CORPS	CENAE	SPRINGFIELD	VT	BLACK RIVER		X	1		X
205	LAC QUI PARLE DAM	1.6	CORPS	CEMVP	WATSON	MN	MINNESOTA RIVER		X	0		X
206	MEEKS CABIN DAM	1.59	DOI BR	NOT APPLICABLE	ROBERTSON	WY	BLACKS FORK RIVER		X	0		X
207	PAONIA DAM	1.58	DOI BR	NOT APPLICABLE	SOMERSET	CO	MUDDY CREEK		X	0	X	
208	MOHICANVILLE DAM	1.5	CORPS	CELRH	LAKEVILLE	OH	LAKE FORK OF MOHICAN RIVER		X	0		X
209	EAST SIDNEY DAM	1.5	CORPS	CENAB	FRANKLIN	NY	OULEOUT CREEK		X	2		X

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								Yes	No		Yes	No
210	JEMEZ CANYON DAM	1.4	CORPS	CESPA	BERNALILLO	NM	JEMEZ RIVER		X	0		X
211	SUNNYSIDE DAM	1.36	DOI BR	NOT APPLICABLE	WAPATO	WA	YAKIMA RIVER		X	0		X
212	MCKAY DAM	1.36	DOI BR	NOT APPLICABLE	PENDLETON	OR	MCKAY CREEK		X	3		X
213	CHARLES MILL DAM	1.3	CORPS	CELRH	MIFFLIN	OH	BLACK FORK OF MOHICAN RIVER		X	0		X
214	ALUM CREEK DAM	1.3	CORPS	CELRH	LEWIS CENTER	OH	ALUM CREEK OF BIG WALNUT CREEK		X	0		X
215	WARM SPRINGS DAM	1.23	DOI BR	NOT APPLICABLE	JUNTURA	OR	MIDDLE FORK OF THE MALHEUR RIVER		X	3		X
216	KACHESS DAM	1.23	DOI BR	NOT APPLICABLE	EASTON	WA	KACHESS RIVER		X	3		X
217	YORK INDIAN ROCK DAM	1.2	CORPS	CENAB	YORK	PA	CODORUS CREEK		X	0		X
218	MARTINS FORK DAM	1.2	CORPS	CELRN	SMITH	KY	MARTINS FORK CUMBERLAND RIVER		X	0		X
219	LITTLE BEAR CREEK DAM	1.2	TVA	NOT APPLICABLE	VINA	AL	LITTLE BEAR CREEK		X	0		X
220	KANOPOLIS DAM	1.2	CORPS	CENWK	MARQUETTE	KS	SMOKY HILL RIVER		X	1		X
221	EVERETT DAM	1.2	CORPS	CENAE	WEARE	NH	PISCATAQUOG RIVER		X	0		X
222	BALDHILL DAM	1.2	CORPS	CEMVP	VALLEY CITY	ND	SHEYENNE RIVER		X	0		X
223	BOCA DAM	1.18	DOI BR	NOT APPLICABLE	TRUCKEE	CA	LITTLE TRUCKEE RIVER		X	5	X	
224	AGENCY VALLEY	1.18	DOI BR	NOT APPLICABLE	JUNTURA	OR	NORTH FORK OF THE MALHEUR RIVER		X	2		X

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								Yes	No		Yes	No
225	MARBLE BLUFF DAM	1.15	DOI BR	NOT APPLICABLE	NIXON	NV	TRUCKEE RIVER		X	1		X
226	IMPERIAL DAM	1.08	DOI BR	NOT APPLICABLE	YUMA	AZ/CA	COLORADO RIVER		X	0		X
227	WILLWOOD DIVERSION DAM	1.06	DOI BR	NOT APPLICABLE	POWELL	WY	SHOSHONE RIVER		X	3	X	
228	EASTON DIVERSION DAM	1.06	DOI BR	NOT APPLICABLE	EASTON	WA	YAKIMA RIVER		X	3		X
229	CASITAS DAM	1.04	DOI BR	NOT APPLICABLE	VENTURA	CA	COYOTE CREEK		X	1	X	
230	GLEN ELDER DAM	1.01	DOI BR	NOT APPLICABLE	GLEN ELDER	KS	SOLOMAN RIVER		X	2		X

\* The source of the capacity estimates for dams owned by the U.S. Bureau of Reclamation (shown as DOI BR in the table) is Reclamation’s March 2011 *Hydropower Resource Assessment at Existing Reclamation Facilities*. The sources of the remaining capacity estimates are DOE’s April 2012 *Assessment of Energy Potential at Non-Powered Dams in the United States Report* and the Corps’ July 2013 *Hydropower Resource Assessment at Non-Powered USACE Sites*.

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|-------|---|-----------|--|
| BIA   | Bureau of Indian Affairs                              | CESWT     | Corps Southwestern Tulsa District                  |
| CELRH | Corps Great Lakes and Ohio River Huntingtin District  | DAEN NCR  | Corps North Central Division, Rock Island District |
| CELRL | Corps Great Lakes and Ohio River Louisville District  | DAEN NCS  | Corps North Central Division, St. Paul District    |
| CELRP | Corps Great Lakes and Ohio River Pittsburgh District  | DOI BR    | Reclamation  |
| CEMVK | Corps Mississippi Valley Division, Vicksburg District | IBWC      | International Boundary & Water Commission          |
| CEMVP | Corps Mississippi Valley Division, St. Paul District  | TVA       | Tennessee Valley Authority                         |
| CEMVR | Corps Mississippi Valley Rock Island District         | USAF AFMC | Air Force Material Command                         |
| CEMVS | Corps Mississippi Valley Division, St. Louis District | USDA FS   | Forest Service                                     |
| CENAE | Corps North Atlantic New England District             |           |  |
| CENWO | Corps Northwestern Omaha District                     |           |  |
| CENWS | Corps Northwestern Seattle District                   |           |  |
| CESAM | Corps South Atlantic Mobile District                  |           |  |
| CESAS | Corps South Atlantic Savannah District                |           |  |
| CESAW | Corps South Atlantic Wilmington District              |           |  |
| CESWF | Corps Southwestern Forth Worth District               |           |  |
| CESWL | Corps Southwestern Little Rock District               |           |  |
| CESPA | Corps South Pacific Albuquerque District              |           |  |