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the payment of annual charges which accrue prior to the date of transfer.

(b) When the Commission shall have approved the transfer of the license, its order of approval shall be forwarded to the transferee for acknowledgment of acceptance. Unless application for rehearing is filed, or unless the order is stayed by the Commission, the order shall become final thirty (30) days from date of issuance and the acknowledgment of acceptance shall be filed in triplicate with the Commission within sixty (60) days from date of issuance accompanied by a certified copy of the deed of conveyance or other instrument evidencing transfer of the property under license, together with evidence of the recording thereof.

[Order 175, 19 FR 5217, Aug. 18, 1954]

APPLICATION FOR LEASE OF PROJECT PROPERTY

§9.10 Filing.

Any licensee desiring to lease the project property covered by a license or any part thereof, where the lessee is granted the exclusive occupancy, possession, or use of project works for purposes of generating, transmitting, or distributing power, and the person, association, or corporation, State, or municipality desiring to acquire the project property by lease, must file the proposed lease together with the application in accordance with §4.32(b)(1) of this chapter. The application and the Commission's action on it will, in general, be subject to the provisions of §§9.1 through 9.3.

[Order 737, 75 FR 43403, July 26, 2010]

PART 11—ANNUAL CHARGES UNDER PART I OF THE FEDERAL POWER ACT

Subpart A—Charges for Costs of Administration, Use of Tribal Lands and Other Government Lands, and Use of Government Dams

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AUTHORITY: 16 U.S.C. 792–828c; 42 U.S.C. 7101–7352.

Subpart A—Charges for Costs of Administration, Use of Tribal Lands and Other Government Lands, and Use of Government Dams

§ 11.1 Costs of administration.

(a) *Authority.* Pursuant to section 10(e) of the Federal Power Act and section 3401 of the Omnibus Budget Reconciliation Act of 1986, the Commission will assess reasonable annual charges against licensees and exemptees to reimburse the United States for the costs of administration of the Commission's hydropower regulatory program.

(b) *Scope.* The annual charges under this section will be charged to and allocated among:

- (1) All licensees of projects of more than 1.5 megawatts of installed capacity; and
- (2) All holders of exemptions under either section 30 of the Federal Power Act or sections 405 and 408 of the Public Utility Regulatory Policies Act of 1978, as amended by section 408 of the Energy Security Act of 1980, but only if the exemption was issued subsequent to April 21, 1995 and is for a project of

more than 1.5 megawatts of installed capacity.

(3) If the exemption for a project of more than 1.5 megawatts of installed capacity was issued subsequent to April 21, 1995 but pursuant to an application filed prior to that date, the exemptee may credit against its annual charge any filing fee paid pursuant to § 381.601 of this chapter, which was removed effective April 21, 1995, 18 CFR 381.601 (1994), until the total of all such credits equals the filing fee that was paid.

(c) *Licenses and exemptions other than State or municipal.* For licensees and exemptees, other than State or municipal:

(1) A determination shall be made for each fiscal year of the costs of administration of Part I of the Federal Power Act chargeable to such licensees or exemptees, from which shall be deducted any administrative costs that are stated in the license or exemption or fixed by the Commission in determining headwater benefit payments.

(2) For each fiscal year the costs of administration determined under paragraph (c)(1) of this section will be assessed against such licensees or exemptee in the proportion that the annual charge factor for each such project bears to the total of the annual charge factors under all such outstanding licenses and exemptions.

(3) The annual charge factor for each such project shall be found as follows:

(i) For a conventional project the factor is its authorized installed capacity plus 112.5 times its annual energy output in millions of kilowatt-hours.

(ii) For a pure pumped storage project the factor is its authorized installed capacity.

(iii) For a mixed conventional-pumped storage project the factor is its authorized installed capacity plus 112.5 times its gross annual energy output in millions of kilowatt-hours less 75 times the annual energy used for pumped storage pumping in million of kilowatt-hours.

(iv) For purposes of determining their annual charges factor, projects that are operated pursuant to an exemption will be deemed to have an annual energy output of zero.

(4) To enable the Commission to determine such charges annually, each licensee whose authorized installed capacity exceeds 1.5 megawatts must file with the Commission, on or before November 1 of each year, a statement under oath showing the gross amount of power generated (or produced by nonelectrical equipment) and the amount of power used for pumped storage pumping by the project during the preceding fiscal year, expressed in kilowatt hours. If any licensee does not report the gross energy output of its project within the time specified above, the Commission's staff will estimate the energy output and this estimate may be used in lieu of the filings required by this section made by such licensee after November 1.

(5) For unconstructed projects, the assessments start on the date of commencement of project construction. For constructed projects, the assessments start on the effective date of the license or exemption, except for any new capacity authorized therein. The assessments for new authorized capacity start on the date of commencement of construction of such new capacity. In the event that construction commences during a fiscal year, the charges will be prorated based on the date on which construction commenced.

(d) *State and municipal licensees and exemptees.* For State or municipal licensees and exemptees:

(1) A determination shall be made for each fiscal year of the cost of administration under Part I of the Federal Power Act chargeable to such licensees and exemptees, from which shall be deducted any administrative costs that are stated in the license or exemption or that are fixed by the Commission in determining headwater benefit payments.

(2) An exemption will be granted to a licensee or exemptee to the extent, if any, to which it may be entitled under section 10(e) of the Act provided the data is submitted as requested in paragraphs (d) (4) and (5) of this section.

(3) For each fiscal year the total actual cost of administration as determined under paragraph (d)(1) of this section will be assessed against each such licensee or exemptee (except to

the extent of the exemptions granted pursuant to paragraph (d)(2) of this section) in the proportion that the authorized installed capacity of each such project bears to the total such capacity under all such outstanding licenses or exemptions.

(4) To enable the Commission to compute on the bill for annual charges the exemption to which State and municipal licensees and exemptees are entitled because of the use of power by the licensee or exemptee for State or municipal purposes, each such licensee or exemptee must file with the Commission, on or before November 1 of each year, a statement under oath showing the following information with respect to the power generated by the project and the disposition thereof during the preceding fiscal year, expressed in kilowatt-hours:

- (i) Gross amount of power generated by the project.
- (ii) Amount of power used for station purposes and lost in transmission, etc.
- (iii) Net amount of power available for sale or use by licensee or exemptee, classified as follows:
 - (A) Used by licensee or exemptee.
 - (B) Sold by licensee or exemptee.

(5) When the power from a licensed or exempted project owned by a State or municipality enters into its electric system, making it impracticable to meet the requirements of this section with respect to the disposition of project power, such licensee or exemptee may, in lieu thereof, furnish similar information with respect to the disposition of the available power of the entire electric system of the licensee or exemptee.

(6) The assessments commence on the date of commencement of project operation. In the event that project operation commences during a fiscal year, the charges will be prorated based on the date on which operation commenced.

(e) *Transmission lines.* For projects involving transmission lines only, the administrative charge will be stated in the license.

(f) *Maximum charge.* No licensed or exempted project's annual charge may exceed a maximum charge established each year by the Commission to equal 2.0 percent of the adjusted Commission

costs of administration of the hydro-power regulatory program. For every project with an annual charge determined to be above the maximum charge, that project's annual charge will be set at the maximum charge, and any amount above the maximum charge will be reapportioned to the remaining projects. The reapportionment will be computed using the method outlined in paragraphs (c) and (d) of this section (but excluding any project whose annual charge is already set at the maximum amount). This procedure will be repeated until no project's annual charge exceeds the maximum charge.

(g) *Commission's costs.* (1) With respect to costs incurred by the Commission, the assessment of annual charges will be based on an estimate of the costs of administration of Part I of the Federal Power Act that will be incurred during the fiscal year in which the annual charges are assessed. After the end of the fiscal year, the assessment will be recalculated based on the costs of administration that were actually incurred during that fiscal year; the actual costs will be compared to the estimated costs; and the difference between the actual and estimated costs will be carried over as an adjustment to the assessment for the subsequent fiscal year.

(2) The issuance of bills based on the administrative costs incurred by the Commission during the year in which the bill is issued will commence in 1993. The annual charge for the administrative costs that were incurred in fiscal year 1992 will be billed in 1994. At the licensee's option, the charge may be paid in three equal annual installments in fiscal years 1994, 1995, and 1996, plus any accrued interest. If the licensee elects the three-year installment plan, the Commission will accrue interest (at the most recent yield of two-year Treasury securities) on the unpaid charges and add the accrued interest to the installments billed in fiscal years 1995 and 1996.

(h) In making their annual reports to the Commission on their costs in administering Part I of the Federal Power Act, the United States Fish and Wildlife Service and the National Marine Fisheries Service are to deduct

any amounts that were deposited into their Treasury accounts during that year as reimbursements for conducting studies and reviews pursuant to section 30(e) of the Federal Power Act.

(i) *Definition.* As used in paragraphs (c) and (d) of this section, *authorized installed capacity* means the lesser of the ratings of the generator or turbine units. The rating of a generator is the product of the continuous-load capacity rating of the generator in kilovolt-amperes (kVA) and the system power factor in kW/kVA. If the licensee or exemptee does not know its power factor, a factor of 1.0 kW/kVA will be used. The rating of a turbine is the product of the turbine's capacity in horsepower (hp) at best gate (maximum efficiency point) opening under the manufacturer's rated head times a conversion factor of 0.75 kW/hp. If the generator or turbine installed has a rating different from that authorized in the license or exemption, or the installed generator is rewound or otherwise modified to change its rating, or the turbine is modified to change its rating, the licensee or exemptee must apply to the Commission to amend its authorized installed capacity to reflect the change.

(j) *Transition.* For a license having the capacity of the project for annual charge purposes stated in horsepower, that capacity shall be deemed to be the capacity stated in kilowatts elsewhere in the license, including any amendments thereto.

[60 FR 15047, Mar. 22, 1995, as amended by Order 584, 60 FR 57925, Nov. 24, 1995]

§ 11.2 Use of government lands.

(a) Reasonable annual charges for recompensing the United States for the use, occupancy, and enjoyment of its lands (other than lands adjoining or pertaining to Government dams or other structures owned by the United States Government) or its other property, will be fixed by the Commission.

(b) *General rule.* Annual charges for the use of government lands will be payable in advance, and will be set on the basis of an annual schedule of per-acre rental fees, as set forth in Appendix A of this part. The Executive Director will publish the updated fee schedule in the FEDERAL REGISTER.

(c) The annual per-acre rental fee is the product of four factors: the adjusted per-acre value multiplied by the encumbrance factor multiplied by the rate of return multiplied by the annual adjustment factor.

(1) *Adjusted per-acre value.* (i) Counties (or other geographical areas) are assigned a per-acre value based on their average per-acre land and building value published in the Census of Agriculture (Census) by the National Agricultural Statistics Service (NASS). The adjusted per-acre value is computed by reducing the NASS Census land and building value by the sum of a state-specific modifier and seven percent. A table of state-specific adjustments will be available on the Commission's Web site.

(ii) The state-specific modifier is a percentage reduction applicable to all counties or geographic areas in a state (except Puerto Rico), and represents the ratio of the total value of irrigated farmland in the state to the total value of all farmland in the state. The state-specific modifier will be recalculated every five years beginning in payment year 2016.

(iii) The state-specific modifier for Puerto Rico is 13 percent.

(2) *Encumbrance factor.* The encumbrance factor is 50 percent.

(3) *Rate of return.* The rate of return is 5.77 percent through payment year 2025. The rate of return will be adjusted every 10 years thereafter, and will be based on the 10-year average of the 30-year Treasury bond yield rate immediately preceding the applicable NASS Census. For example, for years 2026 through 2035, the rate of return will be based on the 10-year average (2012–2021) of the 30-year Treasury bond yield rate immediately preceding the 2022 NASS Census. If the 30-year Treasury bond yield rate is not available, the next longest term Treasury bond available should be used in its place.

(4) *Annual adjustment factor.* The annual adjustment factor is 1.9 percent through payment year 2015. For years 2016 through 2025, the annual adjustment factor is the annual change in the Implicit Price Deflator for the Gross Domestic Product (IPD–GDP) for the ten years (2014–2023) preceding issuance (2024) of the most recent NASS Census

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(2022). Each subsequent ten year adjustment will be made in the same manner.

(d) The annual charge for the use of Government lands for 2013 will be reduced by 25 percent for all licensees subject to this section.

(e) The minimum annual charge for the use of Government lands under any license will be \$25.

[Order 774, 78 FR 5265, Jan. 25, 2013]

§ 11.3 Use of government dams, excluding pumped storage projects.

(a) *General rule.* (1) Any licensee whose non-Federal project uses a Government dam or other structure for electric power generation and whose annual charges are not already specified in final form in the license must pay the United States an annual charge for the use of that dam or other structure as determined in accordance with this section. Payment of such annual charge is in addition to any reimbursement paid by a licensee for costs incurred by the United States as a direct result of the licensee's project development at such Government dam.

(2) Any licensee that is obligated under the terms of a license issued on or before September 16, 1986 to pay specified annual charges for the use of a Government dam must continue to pay the annual charges prescribed in the project license pending any readjustment of the annual charge for the project made pursuant to section 10(e) of the Federal Power Act.

(b) *Graduated flat rates.* Annual charges for the use of Government dams or other structures owned by the United States are 1 mill per kilowatt-hour for the first 40 gigawatt-hours of energy a project produces, 1½ mills per kilowatt-hour for over 40 up to and including 80 gigawatt-hours, and 2 mills per kilowatt-hour for any energy the project produces over 80 gigawatt-hours.

(c) *Information reporting.* (1) Except as provided in paragraph (c)(2) of this section, each licensee must file with the Commission, on or before November 1 of each year, a sworn statement showing the gross amount of energy generated during the preceding fiscal year and the amount of energy provided free of charge to the Government. The de-

termination of the annual charge will be based on the gross energy production less the energy provided free of charge to the Government.

(2) A licensee who has filed these data under another section of part 11 or who has submitted identical data with FERC or the Energy Information Administration for the same fiscal year is not required to file the information described in paragraph (c)(1) of this section. Referenced filings should be identified by company name, date filed, docket or project number, and form, number.

(d) *Credits.* A licensee may file a request with the Director of the Office of Energy Projects for a credit for contractual payments made for construction, operation, and maintenance of a Government dam at any time before 30 days after receiving a billing for annual charges determined under this section. The Director, or his designee, will grant such a credit only when the licensee demonstrates that a credit is reasonably justified. The Director, or his designee, shall consider, among other factors, the contractual arrangements between the licensee and the Federal agency which owns the dam and whether these arrangements reveal clearly that substantial payments are being made for power purposes, relevant legislation, and other equitable factors.

[Order 379, 49 FR 22778, June 1, 1984, as amended by Order 379-A, 49 FR 33862, Aug. 27, 1984. Redesignated at 51 FR 24318, July 3, 1986; Order No. 469, 52 FR 18209, May 14, 1987; 52 FR 33802, Sept. 8, 1987; 53 FR 44859, Nov. 7, 1988; Order 647, 69 FR 32438, June 10, 2004]

§ 11.4 Use of government dams for pumped storage projects, and use of tribal lands.

(a) *General Rule.* The Commission will determine on a case-by-case basis under section 10(e) of the Federal Power Act the annual charges for any pumped storage project using a Government dam or other structure and for any project using tribal lands within Indian reservations.

(b) *Information reporting.* (1) Except as provided in paragraph (b)(2) of this section a Licensee whose project includes pumped storage facilities must file

with the Commission, on or before November 1 of each year, a sworn statement showing the gross amount of energy generated during the preceding fiscal year, and the amount of energy provided free of charge to the Government, and the amount of energy used for pumped storage pumping.

(2) A licensee who has filed these data under another section of part 11 or who has submitted identical data with FERC or the Energy Information Administration for the same fiscal year is not required to file the information required in paragraph (b)(1) of this section. Referenced filings should be identified by company name, date filed, docket or project number, and form number.

(c) Commencing in 1993, the annual charges for any project using tribal land within Indian reservations will be billed during the fiscal year in which the land is used, for the use of that land during that year.

[Order 379, 49 FR 22778, June 1, 1984. Redesignated at 51 FR 24318, July 3, 1986; Order 469, 52 FR 18209, May 14, 1987; 52 FR 33802, Sept. 8, 1987; Order 551, 58 FR 15770, Mar. 24, 1993]

§ 11.5 Exemption of minor projects.

No exemption will be made from payment of annual charges for the use of Government dams or tribal lands within Indian reservations but licenses may be issued without charges other than for such use for the development, transmission, or distribution of power for domestic, mining, or other beneficial use in minor projects.

[Order 141, 12 FR 8492, Dec. 19, 1947. Redesignated by Order 379, 49 FR 22778, June 1, 1984. Redesignated at 51 FR 24318, July 3, 1986]

§ 11.6 Exemption of State and municipal licensees and exemptees.

(a) *Bases for exemption.* A State or municipal licensee or exemptee may claim total or partial exemption from the assessment of annual charges upon one or more of the following grounds:

(1) The project was primarily designed to provide or improve navigation;

(2) To the extent that power generated, transmitted, or distributed by the project was sold directly or indirectly to the public (ultimate consumer) without profit;

(3) To the extent that power generated, transmitted, or distributed by the project was used by the licensee for State or municipal purposes.

(b) *Projects primarily for navigation.* No State or municipal licensee shall be entitled to exemption from the payment of annual charges on the ground that the project was primarily designed to provide or improve navigation unless the licensee establishes that fact from the actual conditions under which the project was constructed and was operated during the calendar year for which the charge is made.

(c) *State or municipal use.* A State or municipal licensee shall be entitled to exemption from the payment of annual charges for the project to the extent that power generated, transmitted, or distributed by the project is used by the licensee itself for State or municipal purposes, such as lighting streets, highways, parks, public buildings, etc., for operating licensee's water or sewerage system, or in performing other public functions of the licensee.

(d) *Sales to public.* No State or municipal licensee shall be entitled to exemption from the payment of annual charges on the ground that power generated, transmitted, or distributed by the project is sold to the public without profit, unless such licensee shall show:

(1) That it maintains an accounting system which segregates the operations of the licensed project and reflects with reasonable accuracy the revenues and expenses of the project;

(2) That an income statement, prepared in accordance with the Commission's Uniform System of Accounts, shows that the revenues from the sale of project power do not exceed the total amount of operating expenses, maintenance, depreciation, amortization, taxes, and interest on indebtedness, applicable to the project property. Periodic accruals or payments for redemption of the principal of bonds or other indebtedness may not be deducted in determining the net profit of the project.

(e) *Sales for resale.* Notwithstanding compliance by a State or municipal licensee with the requirements of paragraph (d) of this section, it shall be subject to the payment of annual

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charges to the extent that electric power generated, transmitted, or distributed by the project is sold to another State, municipality, person, or corporation for resale, unless the licensee shall show that the power was sold to the ultimate consumer without profit. The matter of whether or not a profit was made is a question of fact to be established by the licensee.

(f) *Interchange of power.* Notwithstanding compliance by a State or municipal licensee with the requirements of paragraph (d) of this section, it shall be subject to the payment of annual charges to the extent that power generated, transmitted, or distributed by the project was supplied under an interchange agreement to a State, municipality, person, or corporation for sale at a profit (which power was not offset by an equivalent amount of power received under such interchange agreement) unless the licensee shall show that the power was sold to ultimate consumers without profit.

(g) *Construction period.* During the period when the licensed project is under construction and is not generating power, it will be considered as operating without profit within the meaning of this section, and licensee will be entitled to total exemption from the payment of annual charges, except as to those charges relating to the use of a Government dam or tribal lands within Indian reservations.

(h) *Optional showing.* When the power from the licensed project enters into the electric power system of the State or municipal licensee, making it impracticable to meet the requirements set forth in this section with respect to the operations of the project only, such licensee may, in lieu thereof, furnish the same information with respect to the operations of said electric power system as a whole.

(i) *Application for exemption.* Applications for exemption from payment of annual charges shall be signed by an authorized executive officer or chief accounting officer of the licensee or exemptee and verified under oath. The application must be filed with the Secretary of the Commission in accordance with filing procedures posted on the Commission's Web site at <http://www.ferc.gov> within the time allowed

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(by § 11.20) for the payment of the annual charges. If the licensee or exemptee, within the time allowed for the payment of the annual charges, files notice that it intends to file an application for exemption, an additional period of 30 days is allowed within which to complete and file the application for exemption. The filing of an application for exemption does not by itself alleviate the requirement to pay the annual charges, nor does it exonerate the licensee or exemptee from the assessment of penalties under § 11.21. If a bill for annual charges becomes payable after an application for an exemption has been filed and while the application is still pending for decision, the bill may be paid under protest and subject to refund.

[Order 143, 13 FR 6681, Nov. 13, 1948. Redesignated and amended by Order 379, 49 FR 22778, June 1, 1984. Redesignated at 51 FR 24318, July 3, 1986; 60 FR 15048, Mar. 22, 1995; Order 737, 75 FR 43403, July 26, 2010]

§ 11.7 Effective date.

All annual charges imposed under this subpart will be computed beginning on the effective date of the license unless some other date is fixed in the license.

[51 FR 24318, July 3, 1986]

§ 11.8 Adjustment of annual charges.

All annual charges imposed under this subpart continue in effect as fixed unless changed as authorized by law.

[51 FR 24318, July 3, 1986]

Subpart B—Charges for Headwater Benefits

SOURCE: Order 453, 51 FR 24318, July 3, 1986, unless otherwise noted.

§ 11.10 General provision; waiver and exemptions; definitions.

(a) *Headwater benefits charges.* (1) The Commission will assess or approve charges under this subpart for direct benefits derived from headwater projects constructed by the United States, a licensee, or a pre-1920 permittee. Charges under this subpart will amount to an equitable part of the annual costs of interest, maintenance,

and depreciation expenses of such headwater projects and the costs to the Commission of determining headwater benefits charges. Except as provided in paragraph (b) of this section, the owner of any non-Federal downstream project that receives headwater benefits must pay charges determined under this subpart.

(2) Headwater benefits are the additional electric generation at a downstream project that results from regulation of the flow of the river by the headwater, or upstream, project, usually by increasing or decreasing the release of water from a storage reservoir.

(b) *Waiver and exemptions.* The owner of a downstream project with installed generating capacity of 1.5 MW (2000 horsepower) or less or for which the Commission has granted an exemption from section 10(f) is not required to pay headwater benefits charges.

(c) *Definitions.* For purposes of this subpart:

(1) *Energy gains* means the difference between the number of kilowatt-hours of energy produced at a downstream project with the headwater project and that which would be produced without the headwater project.

(2) *Generation* means gross generation of electricity at a hydroelectric project, including generation needed for station use or the equivalent for direct drive units, measured in kilowatt-hours. It does not include energy used for or derived from pumping in a pumped storage facility.

(3) *Headwater project costs* means the total costs of an upstream project constructed by the United States, a licensee, or pre-1920 permittee.

(4) *Separable cost* means the difference between the cost of a multiple-function headwater project with and without any particular function.

(5) *Remaining benefits* means the difference between the separable cost of a specific function in a multiple-function project and the lesser of:

(i) The benefits of that function in the project, as determined by the responsible Federal agency at the time the project or function was authorized; or

(ii) The cost of the most likely alternative single-function project providing the same benefits.

(6) *Joint-use cost* means the difference between the total project cost and the total separable costs. Joint-use costs are allocated among the project functions according to each function's percentage of the total remaining benefits.

(7) *Specific power cost* means that portion of the headwater project costs that is directly attributable to the function of power generation at the headwater project, including, but not limited to, the cost of the electric generators, turbines, penstocks, and substation.

(8) *Joint-use power cost* means the portion of the joint-use cost allocated to the power function of the project.

(9) *Section 10(f) costs* means the annual interest, depreciation, and maintenance expense portion of the joint-use power cost, including costs of non-power functions required by statute to be paid by revenues from the power function.

(10) *Party* means:

(i) The owner of a non-Federal downstream hydroelectric project which is directly benefited by a headwater project constructed by the United States, a licensee, or a pre-1920 permittee;

(ii) The owner of a headwater project constructed by the United States, a licensee, or a pre-1920 permittee;

(iii) An operating agency of, or an agency marketing power from, a headwater project constructed by the United States; or

(iv) Any party, as defined in § 385.102(c) of this chapter.

(11) *Final charge* means a charge assessed on an annual basis to recover section 10(f) costs and which represents the final determination of the charge for the period for which headwater benefits are assessed. Final charges may be established retroactively, to finalize an interim charge, or prospectively.

(12) *Interim charge* means a charge assessed to recover section 10(f) costs for a specified period of headwater benefits pending determination of a final charge for that period.

(13) *Investment cost* means the sum of:

(i) Project construction costs, including cost of land, labor and materials, cost of pre- and post-authorization investigations, and cost of engineering,

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supervision, and administration during construction of the project; and
(ii) Interest during construction.

[Order 453, 51 FR 24318, July 3, 1986, as amended by Order 699, 72 FR 45324, Aug. 14, 2007]

§ 11.11 Energy gains method of determining headwater benefits charges.

(a) *Applicability.* This section applies to any determination of headwater benefits charges, unless:

(1) The Commission has approved headwater benefits charges pursuant to an existing coordination agreement among the parties;

(2) The parties reach, and the Commission approves, a settlement with respect to headwater benefits charges, pursuant to § 11.14(a) of this subpart; or

(3) Charges may be assessed under § 11.14(b).

(b) *General rule—(1) Summary.* Except as provided in paragraph (b)(3) of this section, a headwater benefits charge for a downstream project is determined under this subpart by apportioning the section 10(f) costs of the headwater project among the headwater project and all downstream projects that are not exempt from or waived from headwater benefits charges under § 11.10(b) of this chapter, according to each project's share of the total energy benefits to those projects resulting from the headwater project.

(2) *Calculation; headwater benefits formula.* The annual headwater benefits charge for a downstream project is derived by multiplying the section 10(f) cost by the ratio of the energy gains received by the downstream project to the sum of total energy gains received by all downstream projects (except those projects specified in § 11.10(b) of this chapter) plus the energy generated at the headwater project that is assigned to the joint-use power cost, as follows:

$$P = C_p \times \frac{E_n}{E_j + E_d}$$

In which:

P=annual payment to be made for headwater benefits received by a downstream project,

C_p=annual section 10(f) cost of the headwater project,

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E_n=annual energy gains received at a downstream project, or group of projects if owned by one entity,

E_d=annual energy gains received at all downstream projects (except those specified in § 11.10(b) of this chapter), and

E_j=portion of the annual energy generated at the headwater project assigned to the joint-use power cost.

(3) If power generation is not a function of the headwater project, section 10(f) costs will be apportioned only among the downstream projects.

(4) If the headwater project is constructed after the downstream project, liability for headwater benefits charges will accrue beginning on the day on which any energy losses at the downstream project due to filling the headwater reservoir have been offset by subsequent energy gains. If the headwater project is constructed prior to the downstream project, liability for headwater benefits charges will accrue beginning on the day on which benefits are first realized by the downstream project.

(5) No final charge assessed by the Commission under this subpart may exceed 85 percent of the value of the energy gains. If a party demonstrates, within the time specified in § 11.17(b)(3) for response to a preliminary assessment, that any final charge assessed under this subpart, not including the cost of the investigation assessed under § 11.17(c), exceeds 85 percent of the value of the energy gains provided to the downstream project for the period for which the charge is assessed, the Commission will reduce the charge to not more than 85 percent of the value. For purposes of this paragraph, the *value of the energy gains* is the cost of obtaining an equivalent amount of electricity from the most likely alternative source during the period for which the charge is assessed.

§ 11.12 Determination of section 10(f) costs.

(a) *for non-Federal headwater projects.* If the headwater project was constructed by a licensee or pre-1920 permittee and a party requests the Commission to determine charges, the Commission will determine on a case-by-case basis what portion of the annual interest, maintenance, and depreciation costs of the headwater project

constitutes the section 10(f) costs, for purposes of this subpart.

(b) *For Federal headwater projects.* (1) If the headwater project was constructed or is operated by the United States, and the Commission has not approved a settlement between the downstream project owner and the headwater project owner, the section 10(f) cost will be determined by deriving, from information provided by the headwater project owner pursuant to § 11.16 of this subpart, the joint-use power cost and the portion of the annual joint-use power cost that represents the interest, maintenance, and depreciation costs of the project.

(2) If power is not an authorized function of the headwater project, the section 10(f) cost is the annual interest, maintenance, and depreciation portion of the headwater project costs designated as the joint-use power cost, derived by deeming a power function at the project. The value of the benefits assigned to the deemed power function, for purposes of determining the value of remaining benefits of the joint-use power cost, is the total value of downstream energy gains included in the headwater benefits formula.

(3) For purposes of this paragraph, *total value of downstream energy gains* means the lesser of:

(i) The cost of generating an equivalent amount of electricity at the most likely alternative facility at the time the headwater project became operational; or

(ii) The incremental cost of installing electrical generation at the headwater project at the time the project became operational.

§ 11.13 Energy gains calculations.

(a) *Energy gains at a downstream project.* (1) Energy gains at a downstream project are determined by simulating operation of the downstream project with and without the effects of the headwater project. Except for determinations which are not complex or in which headwater benefits are expected to be small, calculations will be made by application of the Headwater Benefits Energy Gains Model, as presented in *The Headwater Benefits Energy Gains (HWBEG) Model Description and Users Manual*, which is available for the

National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161.

(2) If more than one headwater project provide energy gains to a downstream project, the energy gains at the downstream project are attributed to the headwater projects according to the time sequence of commencement of operation in which each headwater project provided energy gains at the downstream project, by:

(i) Crediting the headwater project that is first in time with the amount of energy gains that it provided to the downstream project prior to operation of the headwater project that is next in time; and

(ii) Crediting any subsequent headwater project with the additional increment of energy gains provided by it to the downstream project.

(3) Annual energy losses at a downstream project, or group of projects owned by the same entity, that are attributable to the headwater project will be subtracted from energy gains for the same annual period at the downstream project or group of projects. A net loss in one calendar year will be subtracted from net gains in subsequent years until no net loss remains.

(b) *Energy generated at the headwater project.* (1) Except as provided in paragraphs (b)(2) and (b)(3) of this section, the portion of the total annual energy generation at the headwater project that is to be attributed to the joint-use power cost is derived by multiplying the total annual generation at the headwater project and the ratio of the project investment cost assigned to the joint-use power cost to the sum of the investment cost assigned to both the specific power cost and the joint-use power cost of the headwater project, as follows:

$$E_j = E \times \frac{C_j}{C_s + C_j}$$

In which:

E_j =annual energy generated at the headwater project to be attributed to the joint-use power cost,

E =total annual generation at the headwater project,

C_j =project investment costs assigned to the joint-use power cost, and

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C_s =project investment costs assigned to specific power costs.

(2) If the headwater project contains a pumped storage facility, calculation of the portion of the total annual energy generation at the headwater project that is attributable to the joint-use power cost will be determined on a case-by-case basis.

(3) If no power is generated at the headwater project, the amount of energy attributable to the joint-use power cost under this section is the total of all downstream energy gains included in the headwater benefits formula.

§ 11.14 Procedures for establishing charges without an energy gains investigation.

(a) *Settlements.* (1) Owners of downstream and headwater projects subject to this subpart may negotiate a settlement for headwater benefits charges. Settlements must be filed with the Commission for its approval, according to the provisions of § 385.602.

(2) If the headwater project is a Federal project, any settlement under this section must result in headwater benefits payments that approximate those that would result under the energy gains method.

(b) *Continuation of previous headwater benefits determinations.* (1) For any downstream project being assessed headwater benefit charges on or before September 16, 1986, the Commission will continue to assess charges to that project on the same basis until changes occur in the river basin, including hydrology or project development, that affect headwater benefits.

(2) Any procedures that apply to § 11.17(b)(5) of this subpart will apply to any prospectively fixed charges that are continued under this paragraph.

§ 11.15 Procedures for determining charges by energy gains investigation.

(a) *Purpose of investigations; limitation.* Except as permitted under § 11.14, the Commission will conduct an investigation to obtain information for establishing headwater benefits charges under this subpart. The Commission will investigate and determine charges for a project downstream from a non-

Federal headwater project only if the parties are unable to agree to a settlement and one of the parties requests the Commission to determine charges.

(b) *Notification.* The Commission will notify each downstream project owner and each headwater project owner when it initiates an investigation under this section, and the period of project operations to be studied will be specified. An investigation will continue until a final charge has been established for all years studied in the investigation.

(c) *Jurisdictional objections.* If any project owner wishes to object to the assessment of a headwater benefits charge on jurisdictional grounds, such objection must:

(1) Be raised within 30 days after the notice of the investigation is issued; and

(2) State in detail the grounds for its objection.

(d) *Investigations.* (1) For any downstream project for which a final charge pursuant to an investigation has never been established, the Commission will conduct an initial investigation to determine a final charge.

(2) The Commission may, for good cause shown by a party or on its own motion, initiate a new investigation of a river basin to determine whether, because of any change in the hydrology, project development, or other characteristics of the river basin that effects headwater benefits, it should:

(i) Establish a new final charge to replace a final charge previously established under § 11.17(b)(5); or

(ii) Revise any variable of the headwater benefits formula that has become a constant in calculating a final charge.

(3) *Scope of investigations.* (i) The Commission will establish a final charge pursuant to an investigation based on information available to the Commission through the annual data submission requirements of § 11.16, if such information is adequate to establish a reasonably accurate final charge.

(ii) If the information available to the Commission is not sufficient to provide a reasonably accurate calculation of the final charge, the Commission will request additional data and conduct any studies, including studies

of the hydrology of the river basin and project operations, that it determines necessary to establish the charge.

§ 11.16 Filing requirements.

(a) *Applicability.* (1) Any party subject to a headwater benefits determination under this subpart must supply project-specific data, in accordance with this section, by February 1 of each year for data from the preceding calendar year.

(2) Within 30 days of notice of initiation of an investigation under § 11.15, a party must supply project-specific data, in accordance with this section, for the years specified in the notice.

(b) *Data required from owner of the headwater project.* The owner of any headwater project constructed by the United States, a licensee, or a pre-1920 permittee that is upstream from a non-Federal hydroelectric project must submit the following:

(1) Name and location of the headwater project, including the name of the stream on which it is located.

(2) The total nameplate rating of installed generating capacity of the project, expressed in kilowatts, with the portion of total capacity that represents pumped storage generating capacity separately designated.

(3) A description of the total storage capacity of the reservoir and allocation of storage capacity to each of its functions, such as dead storage, power storage, irrigation storage, and flood control storage. Identification, by reservoir elevation, of the portion of the reservoir assigned to each of its respective storage functions.

(4) An elevation-capacity curve, or a tabulation of reservoir pool elevations with corresponding reservoir storage capacities.

(5) A copy of rule curves, coordination contracts, agreements, or other relevant data governing the release of water from the reservoir, including a separate statement of their effective dates.

(6) A curve or tabulation showing actual reservoir pool elevations throughout the immediately preceding calendar year and for each year included in an investigation.

(7) The total annual gross generation of the hydroelectric plant in kilowatt-

hours, not including energy from pumped storage operation.

(8) The total number of kilowatt-hours of energy produced from pumped storage operation.

(9) The investigation costs attributed to the power generation function of the project as of the close of the calendar year or at a specified date during the year, categorized according to that portion that is attributed to the specific power costs, and that portion that is attributed to the joint-use power costs.

(10) The portion of the joint-use power cost, and other costs required by law to be allocated to joint-use power cost, each item shown separately, that are attributable to the annual costs of interest, maintenance, and depreciation, identifying the annual interest rate and the method used to compute the depreciation charge, or the interest rate and period used to compute amortization if used in lieu of depreciation, including any differing interest rates used for major replacements or rehabilitation.

(c) *Data required from owners of downstream projects.* The owner of any hydroelectric project which is downstream from a headwater project constructed by the United States, a licensee, or pre-1920 permittee must submit the following:

(1) Name and location of the downstream project, including the name of the stream on which it is located.

(2) Total nameplate rating of the installed generating capacity of the plant, expressed in kilowatts, with the portion of total capacity that represents pumped storage generating capacity separately designated.

(3) Record of daily gross generation, not including energy used for pumped storage, and any unit outage which may have occurred.

(4) The total number of kilowatt-hours of energy produced from pumped storage operation.

(d) *Abbreviated data submissions.* (1) For those items in paragraphs (b) and (c) of this section in which data for the current period are the same as data furnished for a prior period, the data need not be resubmitted if the owner identifies the last period for which the data were reported.

(2) The Commission will notify the project owner that certain data items in paragraphs (b) and (c) are no longer required to be submitted annually if:

- (i) A variable in the headwater benefits formula has become a constant; or
- (ii) A prospective final charge, as described in § 11.17(b)(5), has been established.

(e) *Additional data.* Owners of headwater projects or downstream projects must furnish any additional data required by the Commission staff under paragraph (a) of this section and may provide other data which they consider relevant.

§ 11.17 Procedures for payment of charges and costs.

(a) *Payment for benefits from a non-Federal headwater project.* Any billing procedures and payments determined between a non-Federal headwater project owner and a downstream project owner will occur according to the agreement of those parties.

(b) *Charges and payment for benefits from a Federal headwater project—(1) Interim charges.* (i) If the Commission has not established a final charge and an investigation is pending, the Commission will issue a downstream project owner a bill for the interim charge and costs and a staff report explaining the calculation of the interim charge.

(ii) An interim charge will be a percentage of the estimate by the Commission staff of what the final charge will be, as follows:

(A) 100 percent of the estimated final charge if the Commission previously has completed an investigation of the project for which it is assessed; or

(B) 80 percent of the estimated final charge if the Commission has not completed an investigation of the project for which it is assessed.

(iii) When a final charge is established for a period for which an interim charge was paid, the Commission will apply the amount paid to the final charge.

(2) *Preliminary assessment of a final charge.* Unless the project owner was assessed a final charge in the previous year, the Commission will issue to the downstream project owner a preliminary assessment of any final charge when it is determined. A staff technical

report explaining the basis of the assessment will be enclosed with the preliminary assessment. Copies of the preliminary assessment will be mailed to all parties.

(3) *Opportunity to respond.* After issuance of a preliminary assessment of a final charge, parties may respond in writing within 60 days after the preliminary assessment.

(4) *Order and bill.* (i) After the opportunity for written response by the parties to the preliminary assessment of a final charge, the Commission will issue to the downstream project owner an order establishing the final charge. Copies of the order will be mailed to all parties. A bill will be issued for the amount of the final charge and costs.

(ii) If a final charge is not established prospectively under paragraph (b)(5) of this section, the Commission will issue an order and a bill for the final charge and costs each year until prospective final charges are established. After the Commission issues an order establishing a prospective final charge, a bill will be issued annually for the amount of the final charge and costs.

(5) *Prospective final charges.* When the Commission determines that historical data, including the hydrology, development, and other characteristics of the river basin, demonstrate sufficient stability to project average energy gains and section 10(f) costs, the Commission will issue to the downstream project owner an order establishing the final charge from future years. Copies of the order will be mailed to all parties. The prospective final charge will remain in effect until a new investigation is initiated under § 11.15(d)(2).

(6) *Payment under protest.* Any payment of a final charge required by this section may be made under protest if a party is also appealing the final charge pursuant to § 385.1902, or requesting rehearing. If payment is made under protest, that party will avoid any penalty for failure to pay under § 11.21.

(7) *Accounting for payments pending appeal or rehearing.* The Commission will retain any payment received for final charges from bills issued pursuant to this section in a special account. No disbursements to the U.S. Treasury will be made from the account until 31

days after the bill is issued. If an appeal under §385.1902 or a request for rehearing is filed by any party, no disbursements to the U.S. Treasury will be made until final disposition of the appeal or request for rehearing.

(c) *Charges for costs of determinations of headwater benefits charges.* (1) Any owner of a downstream project that benefits from a Federal headwater project must pay to the United States the cost of making any investigation, study, or determination relating to the assessment of the relevant headwater benefits charge under this subpart.

(2) If any owner of a headwater or downstream project requests that the Commission determine headwater benefits charges for benefits provided by non-Federal headwater projects, the headwater project owners must pay a pro rata share of 50 percent of the cost of making the investigation and determination, in proportion to the benefits provided by their projects, and the downstream project owners must pay a pro rata share of the remaining 50 percent in proportion to the energy gains received by their projects.

(3) Any charge assessed under this paragraph is separate from and will be added to, any final or interim charge under this subpart.

Subpart C—General Procedures

§ 11.20 Time for payment.

Annual charges must be paid no later than 45 days after rendition of a bill by the Commission. If the licensee or exemptee believes that the bill is incorrect, no later than 45 days after its rendition the licensee or exemptee may file an appeal of the bill with the Chief Financial Officer. No later than 30 days after the date of issuance of the Chief Financial Officer’s decision on the appeal, the licensee or exemptee may file a request for rehearing of that decision pursuant to §385.713 of this chapter. In the event that a timely appeal to the Chief Financial Officer or a timely request to the Commission for rehearing is filed, the payment of the bill may be made under protest, and subject to refund pending the outcome of the appeal or rehearing.

[60 FR 15048, Mar. 22, 1995]

§ 11.21 Penalties.

If any person fails to pay annual charges within the periods specified in §11.20, a penalty of 5 percent of the total delinquent amount will be assessed and added to the total charges for the first month or part of month in which payment is delinquent. An additional penalty of 3 percent for each full month thereafter will be assessed until the charges and penalties are satisfied in accordance with law. The Commission may, by order, waive any penalty imposed by this subsection, for good cause shown.

[51 FR 24318, July 3, 1986]

APPENDIX A TO PART 11—FEE SCHEDULE FOR FY 2015

State	County	Fee/Acre/Yr
Alabama	Autauga	\$55.10
	Baldwin	92.54
	Barbour	49.84
	Bibb	63.51
	Blount	90.59
	Bullock	57.19
	Butler	60.34
	Calhoun	89.88
	Chambers	51.19
	Cherokee	61.58
	Chilton	78.56
	Choctaw	48.65
	Clarke	46.44
	Clay	66.34
	Cleburne	87.05
	Coffee	61.44
	Colbert	61.07
	Conecuh	51.90
	Coosa	59.06
	Covington	63.42
	Crenshaw	60.31
	Cullman	105.25
	Dale	59.71
	Dallas	46.67
	DeKalb	97.98
	Elmore	73.75
	Escambia	59.63
	Etowah	85.16
	Fayette	48.11
	Franklin	59.77
	Geneva	58.47
	Greene	43.75
Hale	51.76	
Henry	51.39	
Houston	60.14	
Jackson	59.66	
Jefferson	97.21	
Lamar	40.33	
Lauderdale	65.91	
Lawrence	73.67	
Lee	85.24	
Limestone	75.25	
Lowndes	46.16	
Macon	53.26	
Madison	75.76	
Marengo	47.43	
Marion	56.97	
Marshall	104.91	

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Mobile	90.48		Jackson	50.49
	Monroe	50.71		Jefferson	52.78
	Montgomery	55.13		Johnson	63.72
	Morgan	80.97		Lafayette	47.99
	Perry	45.25		Lawrence	53.93
	Pickens	53.09		Lee	50.14
	Pike	61.35		Lincoln	54.28
	Randolph	68.57		Little River	44.44
	Russell	61.86		Logan	64.02
	St. Clair	99.79		Lonoke	53.78
	Shelby	104.99		Madison	74.46
	Sumter	40.81		Marion	49.21
	Talladega	65.80		Miller	46.69
	Tallahpoosa	70.07		Mississippi	56.00
	Tuscaloosa	69.90		Monroe	50.09
	Walker	71.12		Montgomery	71.71
	Washington	59.83		Nevada	51.69
	Wilcox	39.11		Newton	58.68
	Winston	73.24		Ouachita	57.38
Alaska	Aleutian Islands Area **	1.58		Perry	61.40
	Anchorage Area **	88.69		Phillips	45.14
	Fairbanks Area **	19.49		Pike	57.45
	Juneau Area **	1,367.35		Poinsett	55.95
	Kenai Peninsula **	33.28		Polk	73.16
	All Areas	9.81		Pope	72.28
Arizona	Apache	2.65		Prairie	46.32
	Cochise	26.09		Pulaski	61.37
	Coconino	2.70		Randolph	48.64
	Gila	5.20		St. Francis	50.64
	Graham	7.54		Saline	77.78
	Greenlee	32.06		Scott	62.22
	La Paz	14.85		Searcy	44.72
	Maricopa	116.28		Sebastian	76.00
	Mohave	7.72		Sevier	60.47
	Navajo	3.78		Sharp	46.44
	Pima	6.10		Stone	50.69
	Pinal	49.78		Union	85.34
	Santa Cruz	31.35		Van Buren	61.27
	Yavapai	24.34		Washington	103.15
	Yuma	114.41		White	62.02
Arkansas	Arkansas	52.13		Woodruff	50.31
	Ashley	57.28	California	Yell	62.20
	Baxter	68.46		Alameda	30.53
	Benton	122.35		Alpine	53.94
	Boone	67.77		Amador	37.51
	Bradley	72.01		Butte	59.15
	Calhoun	54.36		Calaveras	28.85
	Carroll	63.45		Colusa	31.33
	Chicot	44.09		Contra Costa	52.00
	Clark	52.11		Del Norte	53.54
	Clay	55.71		El Dorado	80.00
	Cleburne	70.64		Fresno	62.41
	Cleveland	88.44		Glenn	37.97
	Columbia	61.50		Humboldt	19.35
	Conway	63.35		Imperial	41.65
	Craighead	61.02		Inyo	7.49
	Crawford	81.10		Kern	36.42
	Crittenden	53.66		Kings	43.03
	Cross	49.91		Lake	72.29
	Dallas	42.42		Lassen	10.89
	Desha	47.64		Los Angeles	110.43
	Drew	49.01		Madera	53.40
	Faulkner	75.98		Marin	39.80
	Franklin	60.52		Mariposa	12.98
	Fulton	44.42		Mendocino	41.82
	Garland	91.44		Merced	56.76
	Grant	71.69		Modoc	11.49
	Greene	62.32		Mono	24.31
	Hempstead	52.43		Monterey	36.57
	Hot Spring	66.97		Napa	213.53
	Howard	65.39		Nevada	57.72
	Independence	53.88		Orange	95.22
	Izard	45.44		Placer	80.21
				Plumas	14.42

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Riverside	124.12		Phillips	21.47
	Sacramento	52.91		Pitkin	48.82
	San Benito	21.94		Prowers	13.26
	San Bernardino	24.93		Pueblo	12.88
	San Diego	151.53		Rio Blanco	18.45
	San Francisco	3,599.04		Rio Grande	42.63
	San Joaquin	80.05		Routt	26.24
	San Luis Obispo	35.79		Saguache	25.10
	San Mateo	73.53		San Juan *	20.10
	Santa Barbara	55.75		San Miguel	27.64
	Santa Clara	45.03		Sedgwick	18.45
	Santa Cruz	176.53		Summit	29.70
	Shasta	24.86		Teller	24.49
	Sierra	20.54		Washington	13.99
	Siskiyou	19.69		Weld	29.79
	Solano	38.84		Yuma	20.09
	Sonoma	125.08	Connecticut	Fairfield	389.92
	Stanislaus	74.60		Hartford	393.84
	Sutter	51.64		Litchfield	339.46
	Tehama	25.07		Middlesex	463.36
	Trinity	9.79		New Haven	357.80
	Tulare	65.08		New London	320.73
	Tuolumne	26.75		Tolland	323.84
	Ventura	179.36		Windham	246.75
	Yolo	42.99	Delaware	Kent	277.33
	Yuba	46.69		New Castle	332.25
Colorado	Adams	22.85		Sussex	285.93
	Alamosa	30.44	Florida	Alachua	138.95
	Arapahoe	29.46		Baker	122.06
	Archuleta	31.92		Bay	146.48
	Baca	12.51		Bradford	131.73
	Bent	9.96		Brevard	75.20
	Boulder	61.31		Broward	507.65
	Broomfield *	31.85		Calhoun	83.64
	Chaffee	40.63		Charlotte	61.92
	Cheyenne	12.42		Citrus	146.42
	Clear Creek	24.14		Clay	100.80
	Conejos	24.03		Collier	114.13
	Costilla	15.66		Columbia	134.94
	Crowley	9.71		DeSoto	106.17
	Custer	31.54		Dixie	70.65
	Delta	55.64		Duval	169.29
	Denver *	20.10		Escambia	90.64
	Dolores	20.30		Flagler	76.02
	Douglas	61.83		Franklin	49.02
	Eagle	21.97		Gadsden	105.58
	Elbert	19.51		Gilchrist	128.44
	El Paso	25.68		Glades	100.34
	Fremont	29.91		Gulf	90.79
	Garfield	34.81		Hamilton	92.45
	Gilpin	24.60		Hardee	116.50
	Grand	29.08		Hendry	64.88
	Gunnison	34.40		Hernando	187.02
	Hinsdale	52.89		Highlands	78.54
	Huerfano	12.84		Hillsborough	194.68
	Jackson	18.76		Holmes	81.16
	Jefferson	65.45		Indian River	100.21
	Kiowa	10.44		Jackson	70.98
	Kit Carson	14.95		Jefferson	86.13
	Lake	32.81		Lafayette	72.49
	La Plata	26.62		Lake	201.48
	Larimer	47.94		Lee	206.68
	Las Animas	8.82		Leon	73.04
	Lincoln	11.07		Levy	99.52
	Logan	16.72		Liberty	35.52
	Mesa	64.10		Madison	87.08
	Mineral	33.89		Manatee	118.57
	Moffat	13.88		Marion	181.84
	Montezuma	17.70		Martin	115.85
	Montrose	45.84		Dade	528.22
	Morgan	21.01		Monroe	504.19
	Otero	11.51		Nassau	121.22
	Ouray	27.73		Okaloosa	103.36
	Park	16.39		Okeechobee	87.94

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
Georgia	Orange	125.60	Georgia	Fannin	148.99
	Osceola	48.87		Fayette	183.33
	Palm Beach	78.60		Floyd	101.27
	Pasco	146.96		Forsyth	228.69
	Pinellas	471.21		Franklin	176.72
	Polk	136.49		Fulton	152.06
	Putnam	101.66		Gilmer	206.93
	St. Johns	168.03		Glascock	58.95
	St. Lucie	117.50		Glynn	97.54
	Santa Rosa	110.47		Gordon	147.37
	Sarasota	145.94		Grady	81.92
	Seminole	162.36		Greene	108.75
	Sumter	110.49		Gwinnett	263.49
	Suwannee	118.07		Habersham	191.55
	Taylor	89.70		Hall	203.53
	Union	87.96		Hancock	68.98
	Volusia	188.78		Haralson	112.81
	Wakulla	60.41		Harris	91.35
	Walton	86.37		Hart	156.88
	Washington	85.27		Heard	113.60
	Appling	72.52		Henry	164.17
	Atkinson	76.25		Houston	101.19
	Bacon	72.79		Irwin	61.64
	Baker	68.74		Jackson	169.41
	Baldwin	65.23		Jasper	105.11
	Banks	172.47		Jeff Davis	61.06
	Barrow	170.72		Jefferson	58.87
	Bartow	124.43		Jenkins	52.49
	Ben Hill	60.57		Johnson	53.91
	Berrien	75.64		Jones	97.54
	Bibb	103.00		Lamar	114.15
	Bleckley	70.63		Lanier	65.01
	Brantley	73.73		Laurens	58.08
	Brooks	78.55		Lee	68.57
	Bryan	52.35		Liberty	55.69
	Bulloch	71.89		Lincoln	80.50
	Burke	66.87		Long	60.24
	Butts	97.19		Lowndes	101.46
	Calhoun	54.49		Lumpkin	179.49
	Camden	48.46		McDuffie	78.08
	Candler	74.14		McIntosh	64.22
	Carroll	145.62		Macon	77.40
	Catoosa	153.18		Madison	138.24
	Charlton	58.08		Marion	68.79
	Chatham	125.25		Meriwether	99.68
	Chattahoochee	66.57		Miller	73.10
	Chattooga	89.92		Mitchell	71.67
	Cherokee	247.16		Monroe	88.91
Clarke	134.02	Montgomery	67.89		
Clay	68.49	Morgan	141.39		
Clayton	160.14	Murray	110.21		
Clinch	74.05	Muscogee	89.10		
Cobb	156.03	Newton	117.58		
Coffee	68.44	Oconee	149.92		
Colquitt	79.84	Oglethorpe	100.34		
Columbia	107.68	Paulding	181.14		
Cook	79.48	Peach	102.45		
Coweta	101.24	Pickens	180.97		
Crawford	80.85	Pierce	78.25		
Crisp	61.56	Pike	114.34		
Dade	87.07	Polk	116.23		
Dawson	189.30	Pulaski	72.66		
Decatur	72.88	Putnam	113.71		
DeKalb	279.77	Quitman	70.05		
Dodge	55.01	Rabun	148.55		
Dooly	57.28	Randolph	58.82		
Dougherty	70.25	Richmond	111.90		
Douglas	198.98	Rockdale	150.58		
Early	65.72	Schley	82.63		
Echols	88.80	Screven	64.57		
Effingham	87.65	Seminole	62.38		
Elbert	94.77	Spalding	147.95		
Emanuel	59.56	Stephens	140.02		
Evans	66.38	Stewart	67.34		

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Sumter	64.16		Shoshone	73.99
	Talbot	57.88		Teton	46.32
	Taliaferro	71.78		Twin Falls	31.42
	Tattnall	76.36		Valley	41.74
	Taylor	58.82		Washington	12.39
	Telfair	61.94	Illinois	Adams	101.16
	Terrell	65.15		Alexander	89.22
	Thomas	74.69		Bond	98.24
	Tift	70.77		Boone	142.55
	Toombs	58.68		Brown	87.98
	Towns	173.19		Bureau	116.73
	Treutlen	60.84		Calhoun	89.65
	Troup	104.81		Carroll	106.03
	Turner	67.94		Cass	102.66
	Twiggs	70.14		Champaign	125.50
	Union	162.83		Christian	120.54
	Upson	86.96		Clark	93.28
	Walker	117.88		Clay	84.72
	Walton	159.95		Clinton	109.84
	Ware	83.73		Coles	111.74
	Warren	68.55		Cook	300.62
	Washington	60.76		Crawford	94.55
	Wayne	79.37		Cumberland	101.62
	Webster	62.11		DeKalb	133.64
	Wheeler	58.65		De Witt	120.28
	White	197.33		Douglas	121.32
	Whitfield	128.27		DuPage	216.59
	Wilcox	61.26		Edgar	110.27
	Wilkes	71.97		Edwards	80.39
	Wilkinson	61.12		Effingham	104.13
	Worth	66.41		Fayette	84.98
Hawaii	Hawaii	149.02		Ford	114.66
	Honolulu	379.39		Franklin	73.12
	Kauai	133.18		Fulton	101.62
	Maui	175.88		Gallatin	85.73
Idaho	Ada	53.21		Greene	104.65
	Adams	17.06		Grundy	119.79
	Bannock	19.05		Hamilton	86.56
	Bear Lake	16.52		Hancock	95.88
	Benewah	20.58		Hardin	66.11
	Bingham	22.02		Henderson	99.48
	Blaine	20.42		Henry	113.94
	Boise	18.98		Iroquois	116.30
	Bonner	53.81		Jackson	80.71
	Bonneville	25.67		Jasper	95.45
	Boundary	48.32		Jefferson	81.75
	Butte	18.97		Jersey	105.57
	Camas	15.52		Jo Daviess	115.46
	Canyon	77.58		Johnson	67.61
	Caribou	13.66		Kane	140.18
	Cassia	21.09		Kankakee	124.90
	Clark	11.11		Kendall	124.84
	Clearwater	26.24		Knox	115.95
	Custer	29.89		Lake	182.47
	Elmore	17.46		La Salle	121.18
	Franklin	26.31		Lawrence	94.55
	Fremont	23.86		Lee	124.41
	Gem	28.61		Livingston	119.45
	Gooding	50.44		Logan	121.23
	Idaho	17.86		McDonough	112.00
	Jefferson	26.32		McHenry	145.35
	Jerome	43.58		McLean	120.60
	Kootenai	51.41		Macon	128.68
	Latah	26.32		Macoupin	110.59
	Lemhi	20.10		Madison	119.36
	Lewis	19.12		Marion	90.02
	Lincoln	27.20		Marshall	116.65
	Madison	34.63		Mason	95.19
	Minidoka	30.69		Massac	73.03
	Nez Perce	18.59		Menard	110.56
	Oneida	14.86		Mercer	106.35
	Owyhee	17.34		Monroe	102.57
	Payette	35.58		Montgomery	109.98
	Power	13.22		Morgan	113.47

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
Indiana	Moultrie	121.95	Iowa	Knox	99.61
	Ogle	130.81		Kosciusko	107.47
	Peoria	112.06		LaGrange	146.75
	Perry	80.88		Lake	114.13
	Piatt	125.99		LaPorte	105.31
	Pike	101.42		Lawrence	80.76
	Pope	65.56		Madison	107.65
	Pulaski	85.29		Marion	169.22
	Putnam	113.56		Marshall	102.46
	Randolph	92.76		Martin	93.10
	Richland	88.67		Miami	96.58
	Rock Island	118.15		Monroe	104.91
	St. Clair	109.58		Montgomery	108.19
	Saline	83.36		Morgan	112.57
	Sangamon	112.23		Newton	103.99
	Schuyler	94.03		Noble	106.49
	Scott	103.96		Ohio	102.89
	Shelby	102.40		Orange	83.76
	Stark	118.90		Owen	92.52
	Stephenson	111.54		Parke	89.24
	Tazewell	116.42		Perry	76.82
	Union	76.44		Pike	80.30
	Vermilion	113.94		Porter	119.89
	Wabash	93.48		Posey	87.79
	Warren	117.97		Pulaski	89.41
	Washington	97.32		Putnam	103.64
	Wayne	77.79		Randolph	90.79
	White	81.92		Ripley	100.24
	Whiteside	110.19		Rush	106.00
	Will	162.65		St. Joseph	105.17
	Williamson	81.75		Scott	88.98
	Winnebago	127.23		Shelby	109.32
	Woodford	122.24		Spencer	87.88
	Adams	125.02		Starke	87.45
	Allen	115.95		Steuben	112.89
	Bartholomew	109.43		Sullivan	86.35
	Benton	97.50		Switzerland	101.45
	Blackford	79.01		Tippecanoe	113.64
	Boone	112.60		Tipton	118.71
	Brown	123.90		Union	108.22
	Carroll	118.77		Vanderburgh	98.86
	Cass	102.98		Vermillion	91.60
	Clark	103.12		Vigo	88.54
	Clay	90.91		Wabash	103.09
	Clinton	119.17		Warren	101.77
	Crawford	83.67		Warrick	87.97
	Daviess	104.82		Washington	81.37
Dearborn	110.73	Wayne	94.31		
Decatur	102.66	Wells	99.81		
DeKalb	104.48	White	110.50		
Delaware	101.37	Whitley	110.07		
Dubois	93.15	Adair	78.33		
Elkhart	159.86	Adams	73.79		
Fayette	94.25	Allamakee	80.50		
Floyd	133.46	Appanoose	62.40		
Fountain	99.41	Audubon	100.27		
Franklin	105.92	Benton	104.31		
Fulton	96.61	Black Hawk	112.70		
Gibson	90.76	Boone	108.59		
Grant	98.46	Bremer	114.40		
Greene	83.76	Buchanan	108.97		
Hamilton	130.96	Buena Vista	110.67		
Hancock	118.13	Butler	101.48		
Harrison	93.64	Calhoun	110.15		
Hendricks	118.54	Carroll	106.39		
Henry	99.43	Cass	88.73		
Howard	119.52	Cedar	106.31		
Huntington	99.78	Cerro Gordo	103.71		
Jackson	86.58	Cherokee	109.72		
Jasper	96.35	Chickasaw	104.72		
Jay	114.53	Clarke	66.85		
Jefferson	98.11	Clay	104.34		
Jennings	91.89	Clayton	89.83		
Johnson	128.31	Clinton	98.45		

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Crawford	90.03		Worth	102.35
	Dallas	96.62		Wright	113.01
	Davis	67.84	Kansas	Allen	28.74
	Decatur	59.54		Anderson	29.14
	Delaware	109.86		Atchison	38.94
	Des Moines	95.01		Barber	18.50
	Dickinson	102.26		Barton	24.06
	Dubuque	98.13		Bourbon	31.96
	Emmet	103.88		Brown	48.61
	Fayette	97.52		Butler	31.10
	Floyd	107.75		Chase	27.62
	Franklin	105.27		Chautauqua	25.14
	Fremont	88.47		Cherokee	35.41
	Greene	110.09		Cheyenne	17.56
	Grundy	113.45		Clark	18.02
	Guthrie	86.57		Clay	33.27
	Hamilton	114.05		Cloud	28.94
	Hancock	103.33		Coffey	27.85
	Hardin	109.40		Comanche	15.17
	Harrison	85.73		Cowley	27.28
	Henry	88.30		Crawford	30.76
	Howard	88.18		Decatur	18.73
	Humboldt	108.42		Dickinson	30.25
	Ida	92.93		Doniphan	48.84
	Iowa	89.05		Douglas	54.85
	Jackson	82.06		Edwards	25.00
	Jasper	99.80		Elk	28.00
	Jefferson	82.26		Ellis	22.07
	Johnson	108.42		Ellsworth	21.52
	Jones	101.05		Finney	22.32
	Keokuk	85.96		Ford	20.30
	Kossuth	104.14		Franklin	47.12
	Lee	78.33		Geary	35.78
	Linn	108.74		Gove	17.16
	Louisa	92.23		Graham	17.62
	Lucas	62.84		Grant	22.81
	Lyon	121.45		Gray	24.29
	Madison	85.41		Greeley	20.16
	Mahaska	88.68		Greenwood	27.31
	Marion	84.25		Hamilton	19.13
	Marshall	107.64		Harper	21.04
	Mills	96.34		Harvey	38.91
	Mitchell	103.53		Haskell	30.28
	Monona	91.68		Hodgeman	16.93
	Monroe	65.32		Jackson	33.67
	Montgomery	84.37		Jefferson	45.81
	Muscatine	102.55		Jewell	23.58
	O'Brien	121.54		Johnson	57.13
	Osceola	112.12		Kearny	19.64
	Page	78.44		Kingman	23.92
	Palo Alto	104.57		Kiowa	17.96
	Plymouth	104.86		Labette	29.25
	Pocahontas	106.45		Lane	17.05
	Polk	111.16		Leavenworth	55.62
	Pottawattamie	104.92		Lincoln	22.41
	Poweshiek	95.99		Linn	38.26
	Ringgold	65.70		Logan	17.39
	Sac	111.48		Lyon	27.85
	Scott	121.57		McPherson	32.10
	Shelby	92.87		Marion	28.48
	Sioux	131.05		Marshall	35.92
	Story	102.87		Meade	20.18
	Tama	100.15		Miami	58.56
	Taylor	71.88		Mitchell	26.28
	Union	72.78		Montgomery	32.56
	Van Buren	71.62		Morris	25.03
	Wapello	89.20		Morton	16.42
	Warren	90.47		Nemaha	40.17
	Washington	106.60		Neosho	30.25
	Wayne	64.72		Ness	15.39
	Webster	104.49		Norton	19.56
	Winnebago	96.86		Osage	34.32
	Winneshiek	93.94		Osborne	21.64
	Woodbury	86.16		Ottawa	23.58

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
Kentucky	Pawnee	24.40		Graves	80.55
	Phillips	19.90		Grayson	61.74
	Pottawatomie	34.01		Green	66.62
	Pratt	25.52		Greenup	56.86
	Rawlins	18.19		Hancock	61.77
	Reno	28.88		Hardin	82.56
	Republic	31.62		Harlan	48.10
	Rice	25.54		Harrison	77.05
	Riley	35.49		Hart	69.21
	Rooks	18.73		Henderson	80.06
	Rush	19.96		Henry	93.85
	Russell	18.79		Hickman	75.30
	Saline	30.65		Hopkins	62.80
	Scott	21.21		Jackson	52.49
	Sedgwick	41.17		Jefferson	209.69
	Seward	20.73		Jessamine	134.88
	Shawnee	45.56		Johnson	61.28
	Sheridan	22.09		Kenton	127.85
	Sherman	21.55		Knott	57.26
	Smith	22.32		Knox	62.98
	Stafford	24.72		Larue	78.68
	Stanton	21.81		Laurel	81.96
	Stevens	22.52		Lawrence	42.16
	Sumner	26.74		Lee	37.27
	Thomas	23.29		Leslie	22.89
	Trego	17.62		Letcher	48.19
	Wabaunsee	27.80		Lewis	43.88
	Wallace	17.76		Lincoln	68.29
	Washington	29.48		Livingston	56.40
	Wichita	19.07		Logan	76.42
	Wilson	27.40		Lyon	49.39
	Woodson	26.48		McCracken	84.03
	Wyandotte	69.30		McCreary	68.60
	Adair	70.96		McLean	86.50
	Allen	80.15		Madison	84.74
	Anderson	78.00		Magoffin	48.27
	Ballard	73.95		Marion	70.27
	Barren	79.92		Marshall	73.26
	Bath	58.01		Martin	23.92
	Bell	55.62		Mason	72.60
	Boone	141.46		Meade	84.57
	Bourbon	135.06		Menifee	54.02
	Boyd	74.72		Mercer	98.24
	Boyle	92.90		Metcalfe	67.00
	Bracken	58.96		Monroe	66.74
	Breathitt	43.53		Montgomery	72.48
	Breckinridge	60.77		Morgan	46.58
	Bullitt	108.72		Muhlenberg	56.77
	Butler	55.57		Nelson	93.44
	Caldwell	56.86		Nicholas	56.74
	Calloway	81.01		Ohio	57.49
	Campbell	112.14		Oldham	175.49
	Carlisle	68.20		Owen	65.45
	Carroll	68.06		Owsley	42.82
	Carter	51.06		Pendleton	72.60
	Casey	58.21		Perry	34.98
	Christian	74.09		Pike	26.88
	Clark	96.17		Powell	55.31
	Clay	53.82		Pulaski	75.38
	Clinton	65.96		Robertson	51.20
	Crittenden	54.28		Rockcastle	59.27
	Cumberland	51.98		Rowan	56.83
	Daviess	86.84		Russell	89.02
	Edmonson	62.29		Scott	110.56
	Elliott	44.77		Shelby	127.27
	Estill	57.41		Simpson	84.86
	Fayette	189.36		Spencer	94.62
	Fleming	56.63		Taylor	71.13
	Floyd	66.71		Todd	82.07
	Franklin	93.27		Trigg	74.18
	Fulton	64.93		Trimble	73.17
	Gallatin	85.61		Union	74.18
	Garrard	75.30		Warren	90.06
	Grant	80.95		Washington	70.79

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
Louisiana	Wayne	58.70	Maryland	Kennebec	74.69
	Webster	66.80		Knox	106.14
	Whitley	70.61		Lincoln	105.56
	Wolfe	50.71		Oxford	75.84
	Woodford	200.10		Penobscot	62.72
	Acadia	50.33		Piscataquis	54.95
	Allen	51.77		Sagadahoc	102.02
	Ascension	94.58		Somerset	51.68
	Assumption	69.93		Waldo	62.20
	Avoyelles	48.42		Washington	31.04
	Beauregard	60.88		York	129.17
	Bienville	58.48		Allegany	124.36
	Bossier	75.74		Anne Arundel	373.02
	Caddo	58.26		Baltimore	260.16
	Calcasieu	48.56		Calvert	241.63
	Caldwell	51.48		Caroline	155.66
	Cameron	48.61		Carroll	222.64
	Catahoula	44.60		Cecil	217.25
	Claiborne	71.05		Charles	191.76
	Concordia	47.49		Dorchester	138.31
	De Soto	54.53		Frederick	235.72
	East Baton Rouge ...	109.96		Garrett	163.60
	East Carroll	43.46		Harford	274.62
	East Feliciana	70.72		Howard	373.24
	Evangeline	48.23		Kent	172.47
	Franklin	47.33		Montgomery	271.20
	Grant	50.49		Prince George's	267.25
	Iberia	68.11		Queen Anne's	163.46
	Iberville	78.00		St. Mary's	205.63
	Jackson	85.64		Somerset	179.14
	Jefferson	56.44		Talbot	174.28
	Jefferson Davis	48.20		Washington	214.34
	Lafayette	93.11		Wicomico	163.65
	Lafourche	66.33		Worcester	124.50
	La Salle	63.20		Barnstable	902.66
	Lincoln	86.89		Berkshire	222.59
	Livingston	118.11		Bristol	405.32
	Madison	43.81		Dukes	383.35
	Morehouse	44.28		Essex	470.64
	Natchitoches	45.07		Franklin	197.16
	Orleans	56.11		Hampden	269.74
	Ouachita	61.02		Hampshire	228.13
Plaquemines	34.38	Middlesex	476.20		
Pointe Coupee	53.77	Nantucket	257.88		
Rapides	68.35	Norfolk	526.88		
Red River	45.69	Plymouth	371.76		
Richland	43.70	Suffolk	676.61		
Sabine	80.84	Worcester	299.57		
St. Bernard	32.06	Michigan	Alcona	68.10	
St. Charles	56.11	Alger	60.23		
St. Helena	82.99	Allegan	117.15		
St. James	70.83	Alpena	72.30		
St. John the Baptist ..	78.55	Antrim	108.11		
St. Landry	53.60	Arenac	67.09		
St. Martin	65.65	Baraga	57.34		
St. Mary	61.04	Barry	97.80		
St. Tammany	147.20	Bay	78.94		
Tangipahoa	106.19	Benzie	128.36		
Tensas	43.98	Berrien	129.31		
Terrebonne	32.42	Branch	83.99		
Union	80.29	Calhoun	84.38		
Vermilion	54.53	Cass	98.16		
Vernon	84.96	Charlevoix	106.12		
Washington	89.84	Cheboygan	75.81		
Webster	69.91	Chippewa	53.93		
West Baton Rouge ...	81.68	Clare	80.37		
West Carroll	50.11	Clinton	101.30		
West Feliciana	65.71	Crawford	113.60		
Winn	58.95	Delta	64.01		
Androscoggin	82.10	Dickinson	69.17		
Aroostook	31.70	Eaton	85.33		
Cumberland	136.50	Emmet	100.29		
Franklin	72.16	Genesee	104.58		
Hancock	77.87	Gladwin	82.95		

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
Minnesota	Gogebic	95.61	Mississippi	Crow Wing	74.60
	Grand Traverse	156.26		Dakota	111.92
	Gratiot	82.89		Dodge	106.14
	Hillsdale	84.41		Douglas	69.31
	Houghton	55.61		Faribault	91.36
	Huron	87.38		Fillmore	82.88
	Ingham	107.04		Freeborn	89.35
	Ionia	96.26		Goodhue	102.69
	Iosco	75.50		Grant	64.24
	Iron	76.37		Hennepin	157.82
	Isabella	83.45		Houston	77.04
	Jackson	97.18		Hubbard	66.63
	Kalamazoo	117.18		Isanti	115.00
	Kalkaska	96.26		Itasca	57.11
	Kent	135.56		Jackson	87.54
	Keweenaw	58.66		Kanabec	70.57
	Lake	81.58		Kandiyohi	81.76
	Lapeer	115.33		Kittson	34.05
	Leelanau	198.06		Koochiching	38.88
	Lenawee	89.59		Lac qui Parle	66.03
	Livingston	141.30		Lake	95.59
	Luce	82.53		Lake of the Woods ...	34.39
	Mackinac	59.25		Le Sueur	100.77
	Macomb	144.38		Lincoln	64.91
	Manistee	86.28		Lyon	79.00
	Marquette	67.65		McLeod	97.75
	Mason	89.42		Mahnomen	40.03
	Mecosta	81.41		Marshall	37.15
	Menominee	62.44		Martin	88.54
	Midland	84.04		Meeker	86.47
	Missaukee	81.80		Mille Lacs	80.00
	Monroe	107.18		Morrison	66.83
	Montcalm	80.26		Mower	91.48
	Montmorency	66.67		Murray	76.29
	Muskegon	110.99		Nicollet	96.94
	Newaygo	95.67		Nobles	90.36
	Oakland	235.93		Norman	45.06
	Oceana	105.95		Olmsted	103.35
	Ogemaw	79.00		Otter Tail	57.83
	Ontonagon	44.54		Pennington	39.51
	Osceola	74.74		Pine	62.06
	Oscoda	71.72		Pipestone	78.08
	Otsego	74.46		Polk	43.19
	Ottawa	162.96		Pope	63.04
	Presque Isle	63.20		Ramsey	240.81
	Roscommon	116.79		Red Lake	38.79
	Saginaw	79.42		Redwood	87.05
	St. Clair	107.41		Renville	83.77
	St. Joseph	94.74		Rice	121.33
Sanilac	81.69	Rock	93.52		
Schoolcraft	39.33	Roseau	31.75		
Shiawassee	82.50	St. Louis	56.39		
Tuscola	84.85	Scott	144.28		
Van Buren	119.93	Sherburne	110.66		
Washtenaw	140.15	Sibley	95.47		
Wayne	216.86	Stearns	81.38		
Wexford	89.31	Steele	96.91		
Aitkin	48.25	Stevens	71.58		
Anoka	167.28	Swift	71.78		
Becker	54.04	Todd	62.92		
Beltrami	44.69	Traverse	62.81		
Benton	87.62	Wabasha	84.14		
Big Stone	61.91	Wadena	55.21		
Blue Earth	102.15	Waseca	99.93		
Brown	85.04	Washington	164.66		
Carlton	59.99	Watsonwan	86.01		
Carver	113.36	Wilkin	56.36		
Cass	61.11	Winona	85.75		
Chippewa	77.01	Wright	115.49		
Chisago	123.94	Yellow Medicine	72.81		
Clay	53.17	Adams	47.31		
Clearwater	42.76	Alcorn	47.09		
Cook	123.57	Amite	66.95		
Cottonwood	85.32	Attala	44.26		

Federal Energy Regulatory Commission

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Benton	40.45		Wilkinson	51.10
	Bolivar	56.35		Winston	48.16
	Calhoun	39.32		Yalobusha	43.50
	Carroll	42.43		Yazoo	47.77
	Chickasaw	41.21	Missouri	Adair	53.31
	Choctaw	49.94		Andrew	69.31
	Claiborne	45.28		Atchison	70.20
	Clarke	52.57		Audrain	74.70
	Clay	41.35		Barry	73.92
	Coahoma	50.93		Barton	53.19
	Copiah	54.46		Bates	55.97
	Covington	70.00		Benton	54.43
	DeSoto	66.27		Bollinger	53.62
	Forrest	85.39		Boone	80.31
	Franklin	52.62		Buchanan	77.36
	George	82.68		Butler	64.88
	Greene	66.80		Caldwell	57.23
	Grenada	45.31		Callaway	72.95
	Hancock	84.40		Camden	53.19
	Harrison	135.56		Cape Girardeau	72.72
	Hinds	52.60		Carroll	60.52
	Holmes	47.34		Carter	46.67
	Humphreys	47.74		Cass	81.28
	Issaquena	48.78		Cedar	52.19
	Itawamba	42.48		Chariton	56.37
	Jackson	102.00		Christian	79.73
	Jasper	57.79		Clark	56.43
	Jefferson	50.82		Clay	81.60
	Jefferson Davis	57.88		Clinton	66.71
	Jones	87.96		Cole	69.00
	Kemper	39.01		Cooper	63.73
	Lafayette	56.41		Crawford	53.22
	Lamar	76.86		Dade	52.08
	Lauderdale	48.44		Dallas	63.64
	Lawrence	62.68		Daviess	55.46
	Leake	63.39		DeKalb	56.06
	Lee	50.31		Dent	48.18
	Leflore	48.33		Douglas	52.82
	Lincoln	64.69		Dunklin	70.77
	Lowndes	50.42		Franklin	85.66
	Madison	55.31		Gasconade	63.13
	Marion	69.40		Gentry	53.51
	Marshall	51.07		Greene	93.82
	Monroe	41.89		Grundy	53.28
	Montgomery	42.99		Harrison	52.59
	Neshoba	68.58		Henry	51.62
	Newton	57.57		Hickory	44.72
	Noxubee	43.33		Holt	70.20
	Oktibbeha	50.51		Howard	60.38
	Panola	43.44		Howell	49.64
	Pearl River	76.47		Iron	48.90
	Perry	69.04		Jackson	93.51
	Pike	76.66		Jasper	63.27
	Pontotoc	46.83		Jefferson	88.18
	Prentiss	39.57		Johnson	63.76
	Quitman	43.73		Knox	54.31
	Rankin	70.73		Laclede	55.20
	Scott	58.58		Lafayette	77.44
	Sharkey	44.12		Lawrence	70.63
	Simpson	68.30		Lewis	61.01
	Smith	70.22		Lincoln	89.75
	Stone	77.34		Linn	52.28
	Sunflower	49.18		Livingston	57.98
	Tallahatchie	43.19		McDonald	67.85
	Tate	57.23		Macon	51.30
	Tippah	41.10		Madison	48.96
	Tishomingo	43.61		Maries	48.79
	Tunica	51.10		Marion	63.87
	Union	43.02		Mercer	51.85
	Walthall	69.38		Miller	57.15
	Warren	49.97		Mississippi	67.71
	Washington	50.51		Moniteau	68.00
	Wayne	70.45		Monroe	64.82
	Webster	42.26		Montgomery	81.60

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Morgan	63.44		Mineral	82.87
	New Madrid	69.43		Missoula	50.14
	Newton	75.10		Musselshell	13.72
	Nodaway	60.18		Park	40.99
	Oregon	48.84		Petroleum	10.99
	Osage	55.48		Phillips	11.29
	Ozark	48.81		Pondera	16.07
	Pemiscot	61.87		Powder River	14.61
	Perry	62.27		Powell	20.41
	Pettis	67.71		Prairie	14.00
	Phelps	59.12		Ravalli	87.47
	Pike	67.80		Richland	15.82
	Platte	81.39		Roosevelt	16.03
	Polk	61.98		Rosebud	8.69
	Pulaski	53.31		Sanders	34.18
	Putnam	49.39		Sheridan	14.99
	Ralls	67.94		Silver Bow	48.96
	Randolph	58.20		Stillwater	23.09
	Ray	62.99		Sweet Grass	27.40
	Reynolds	40.77		Teton	19.14
	Ripley	49.50		Toole	13.41
	St. Charles	93.65		Treasure	11.22
	St. Clair	51.16		Valley	13.30
	Ste. Genevieve	62.07		Wheatland	12.60
	St. Francois	75.47		Wibaux	9.53
	St. Louis	105.53		Yellowstone	17.52
	Saline	63.24	Nebraska	Adams	57.84
	Schuyler	48.67		Antelope	42.88
	Scotland	56.26		Arthur	8.66
	Scott	74.01		Banner	14.23
	Shannon	50.27		Blaine	11.74
	Shelby	59.35		Boone	48.04
	Stoddard	67.82		Box Butte	21.36
	Stone	70.57		Boyd	20.25
	Sullivan	44.83		Brown	12.96
	Taney	54.45		Buffalo	43.56
	Texas	49.73		Burt	64.66
	Vernon	52.74		Butler	63.73
	Warren	95.17		Cass	66.55
	Washington	53.37		Cedar	51.49
	Wayne	48.84		Chase	26.00
	Webster	74.81		Cherry	10.53
	Worth	46.81		Cheyenne	19.21
Montana	Wright	51.85		Clay	59.37
	Beaverhead	27.20		Colfax	63.60
	Big Horn	9.21		Cuming	64.64
	Blaine	13.84		Custer	26.45
	Broadwater	24.88		Dakota	45.76
	Carbon	32.33		Dawes	14.60
	Carter	8.89		Dawson	34.66
	Cascade	20.56		Deuel	18.38
	Chouteau	15.17		Dixon	47.78
	Custer	11.81		Dodge	68.81
	Daniels	13.34		Douglas	94.43
	Dawson	11.54		Dundy	21.29
	Deer Lodge	33.21		Fillmore	62.48
	Fallon	13.12		Franklin	33.52
	Fergus	20.90		Frontier	20.30
	Flathead	87.59		Furnas	25.36
	Gallatin	51.04		Gage	46.56
	Garfield	9.73		Garden	12.08
	Glacier	12.84		Garfield	14.44
	Golden Valley	17.00		Gosper	31.81
	Granite	31.11		Grant	7.86
	Hill	15.01		Greeley	30.83
	Jefferson	27.61		Hall	53.02
	Judith Basin	18.98		Hamilton	67.54
	Lake	35.10		Harlan	29.71
	Lewis and Clark	22.12		Hayes	17.58
	Liberty	10.47		Hitchcock	19.91
	Lincoln	83.86		Holt	23.23
	McCone	10.75		Hooker	8.89
	Madison	35.64		Howard	40.42
	Meagher	26.39		Jefferson	46.46

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Johnson	39.80		Burlington	301.95
	Kearney	52.03		Camden	389.95
	Keith	22.22		Cape May	404.62
	Keya Paha	14.39		Cumberland	235.54
	Kimball	18.15		Essex	2,319.89
	Knox	37.75		Gloucester	389.60
	Lancaster	65.72		Hudson *	386.75
	Lincoln	21.62		Hunterdon	508.42
	Logan	13.25		Mercer	474.12
	Loup	11.64		Middlesex	511.32
	McPherson	9.46		Monmouth	597.74
	Madison	56.18		Morris	620.12
	Merrick	47.47		Ocean	456.56
	Morrill	16.75		Passaic	1,032.40
	Nance	37.75		Salem	263.99
	Nemaha	50.71		Somerset	515.99
	Nuckolls	42.73		Sussex	343.38
	Otoe	56.57		Union	3,358.49
	Pawnee	33.96		Warren	311.24
	Perkins	25.33	New Mexico	Bernalillo	24.16
	Phelps	53.23		Catron	4.63
	Pierce	51.70		Chaves	5.56
	Platte	58.98		Cibola	3.28
	Polk	63.96		Colfax	6.05
	Red Willow	27.33		Curry	11.87
	Richardson	49.21		De Baca	4.16
	Rock	13.22		Dona Ana	34.45
	Saline	54.39		Eddy	6.82
	Sarpy	86.98		Grant	4.25
	Saunders	69.28		Guadalupe	3.29
	Scotts Bluff	28.23		Harding *	6.10
	Seward	65.65		Hidalgo	3.06
	Sheridan	12.50		Lea	4.05
	Sherman	28.36		Lincoln	5.05
	Sioux	12.37		Los Alamos *	6.10
	Stanton	48.04		Luna	6.34
	Thayer	47.21		McKinley	2.35
	Thomas	8.84		Mora	9.41
	Thurston	51.05		Otero	5.83
	Valley	29.09		Quay	6.53
	Washington	79.57		Rio Arriba	8.53
	Wayne	62.02		Roosevelt	8.51
	Webster	32.72		Sandoval	6.53
	Wheeler	18.17		San Juan	5.65
	York	68.34		San Miguel	5.88
Nevada	Carson City	28.77		Santa Fe	12.11
	Churchill	18.47		Sierra	3.93
	Clark	28.09		Socorro	5.00
	Douglas	22.43		Taos	11.28
	Elko	2.85		Torrance	5.99
	Esmeralda	12.46		Union	5.57
	Eureka	1.32		Valencia	11.75
	Humboldt	5.33	New York	Albany	88.18
	Lander	3.77		Allegany	39.22
	Lincoln	13.67		Bronx *	62.57
	Lyon	11.71		Broome	50.77
	Mineral	9.08		Cattaraugus	47.91
	Nye	11.88		Cayuga	58.45
	Pershing	6.58		Chautauqua	54.16
	Storey	130.56		Chemung	50.33
	Washoe	7.33		Chenango	49.59
	White Pine	7.67		Clinton	48.16
New Hampshire	Belknap	158.29		Columbia	117.77
	Carroll	129.66		Cortland	42.82
	Cheshire	127.42		Delaware	62.38
	Coos	66.17		Dutchess	154.05
	Grafton	108.28		Erie	81.52
	Hillsborough	189.55		Essex	64.69
	Merrimack	131.51		Franklin	39.96
	Rockingham	264.42		Fulton	59.77
	Strafford	171.08		Genesee	48.16
	Sullivan	109.80		Greene	80.31
New Jersey	Atlantic	373.67		Hamilton *	62.57
	Bergen	1,743.78		Herkimer	47.94

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
North Carolina	Jefferson	38.12	North Carolina	Franklin	102.92
	Kings*	62.57		Gaston	153.60
	Lewis	44.14		Gates	69.66
	Livingston	55.39		Graham	121.11
	Madison	46.29		Granville	92.07
	Monroe	71.07		Greene	94.41
	Montgomery	59.41		Guilford	144.53
	Nassau	2,722.80		Halifax	65.56
	New York	62.57		Harnett	146.13
	Niagara	58.69		Haywood	172.45
	Oneida	53.22		Henderson	284.14
	Onondaga	65.90		Hertford	56.57
	Ontario	60.62		Hoke	93.31
	Orange	141.64		Hyde	64.84
	Orleans	47.22		Iredell	158.75
	Oswego	51.79		Jackson	199.15
	Otsego	52.23		Johnston	118.88
	Putnam	384.06		Jones	76.94
	Queens	62.57		Lee	127.42
	Rensselaer	86.72		Lenoir	93.20
	Richmond	3,321.80		Lincoln	127.34
	Rockland	1,554.38		McDowell	163.47
	St. Lawrence	37.02		Macon	240.87
	Saratoga	120.05		Madison	145.42
	Schenectady	98.93		Martin	80.99
	Schoharie	58.86		Mecklenburg	427.13
	Schuyler	59.90		Mitchell	140.21
	Seneca	55.37		Montgomery	102.32
	Steuben	43.24		Moore	144.59
	Suffolk	498.23		Nash	93.58
	Sullivan	96.07		New Hanover	220.92
	Tioga	48.16		Northampton	69.53
	Tompkins	62.21		Onslow	125.71
	Ulster	109.60		Orange	154.65
	Warren	95.49		Pamlico	67.87
	Washington	58.58		Pasquotank	71.40
	Wayne	62.85		Pender	110.97
	Westchester	874.95		Perquimans	79.45
	Wyoming	48.90		Person	93.80
	Yates	78.25		Pitt	93.53
	Alamance	127.04		Polk	205.44
	Alexander	150.60		Randolph	133.48
	Alleghany	156.41		Richmond	105.62
	Anson	98.29		Robeson	79.39
	Ashe	158.89		Rockingham	106.86
	Avery	208.36		Rowan	143.16
	Beaufort	70.71		Rutherford	120.89
	Bertie	70.41		Sampson	103.01
	Bladen	90.83		Scotland	79.78
	Brunswick	117.92		Stanly	110.78
	Buncombe	195.60		Stokes	116.95
	Burke	162.06		Surry	129.19
	Cabarrus	154.90		Swain	169.01
	Caldwell	139.91		Transylvania	202.40
	Camden	81.15		Tyrrell	62.80
	Carteret	84.68		Union	143.46
	Caswell	86.03		Vance	91.05
	Catawba	146.05		Wake	218.94
	Chatham	154.29		Warren	67.73
	Cherokee	185.93		Washington	61.64
	Chowan	67.82		Watauga	195.63
	Clay	196.51		Wayne	114.64
	Cleveland	110.42		Wilkes	154.04
	Columbus	90.80		Wilson	88.68
	Craven	84.76		Yadkin	143.10
	Cumberland	82.89		Yancey	134.15
	Currituck	91.63		Adams	16.80
	Dare	62.11		Barnes	27.13
	Davidson	156.74		Benson	20.95
	Davie	144.37		Billings	13.59
	Duplin	112.49		Bottineau	21.18
	Durham	140.98		Bowman	14.75
	Edgecombe	68.75		Burke	18.07
	Forsyth	185.48		Burleigh	20.98

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
Ohio	Cass	42.34	Oklahoma	Guernsey	74.98
	Cavalier	27.42		Hamilton	190.51
	Dickey	30.04		Hancock	93.47
	Divide	18.04		Hardin	93.18
	Dunn	14.75		Harrison	65.35
	Eddy	17.03		Henry	97.12
	Emmons	19.60		Highland	89.88
	Foster	21.96		Hocking	96.98
	Golden Valley	13.48		Holmes	132.95
	Grand Forks	30.51		Huron	99.36
	Grant	14.92		Jackson	72.86
	Griggs	19.68		Jefferson	67.54
	Hettinger	21.56		Knox	102.27
	Kidder	16.54		Lake	220.72
	LaMoure	30.33		Lawrence	72.77
	Logan	21.10		Licking	115.98
	McHenry	18.90		Logan	90.28
	McIntosh	20.92		Lorain	129.38
	McKenzie	14.89		Lucas	125.10
	McLean	22.51		Madison	111.41
	Mercer	17.34		Mahoning	118.48
	Morton	18.33		Marion	88.67
	Mountrail	16.97		Medina	158.56
	Nelson	20.23		Meigs	73.40
	Oliver	18.56		Mercer	140.36
	Pembina	39.02		Miami	112.07
	Pierce	18.61		Monroe	59.63
	Ramsey	20.35		Montgomery	128.20
	Ransom	29.67		Morgan	62.88
	Renville	25.89		Morrow	98.96
	Richland	39.83		Muskingum	80.53
	Rolette	19.31		Noble	65.90
	Sargent	32.44		Ottawa	83.12
	Sheridan	16.94		Paulding	91.40
	Sioux	10.68		Perry	82.60
	Slope	13.88		Pickaway	99.02
	Stark	20.61		Pike	72.37
	Steele	28.11		Portage	133.55
	Stutsman	23.69		Preble	104.51
	Towner	21.50		Putnam	100.26
	Trall	39.65		Richland	103.96
	Walsh	32.12		Ross	81.83
	Ward	24.42		Sandusky	88.78
	Wells	24.10		Scioto	75.85
	Williams	19.05		Seneca	89.82
	Adams	81.91		Shelby	117.94
	Allen	102.96		Stark	136.83
	Ashland	107.62		Summit	228.37
	Ashtabula	83.75		Trumbull	94.39
	Athens	74.55		Tuscarawas	100.37
	Auglaize	109.60		Union	96.14
	Belmont	60.52		Van Wert	102.99
	Brown	84.21		Vinton	78.15
	Butler	133.38		Warren	153.36
	Carroll	91.54		Washington	73.78
	Champaign	105.17		Wayne	143.99
	Clark	110.00		Williams	88.12
	Clermont	119.26		Wood	96.58
	Clinton	103.59		Wyandot	89.88
	Columbiana	110.29		Adair	54.69
	Coshocton	84.99		Alfalfa	26.50
	Crawford	92.00		Atoka	35.21
	Cuyahoga	642.19		Beaver	17.99
Darke	120.61	Beckham	28.30		
Defiance	85.76	Blaine	23.87		
Delaware	128.72	Bryan	45.58		
Erie	114.83	Caddo	31.16		
Fairfield	121.65	Canadian	42.84		
Fayette	96.55	Carter	40.21		
Franklin	136.48	Cherokee	53.20		
Fulton	103.07	Choctaw	38.35		
Gallia	79.01	Cimarron	14.31		
Geauga	173.05	Cleveland	68.65		
Greene	112.73	Coal	35.56		

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Comanche	32.76		Harney	10.35
	Cotton	27.79		Hood River	349.97
	Craig	37.53		Jackson	115.59
	Creek	45.41		Jefferson	16.02
	Custer	30.56		Josephine	175.02
	Delaware	59.29		Klamath	31.26
	Dewey	24.02		Lake	18.38
	Ellis	20.70		Lane	147.03
	Garfield	29.07		Lincoln	103.82
	Garvin	37.98		Linn	86.00
	Grady	36.90		Malheur	21.74
	Grant	25.39		Marion	136.66
	Greer	20.48		Morrow	14.62
	Harmon	24.45		Multnomah	250.34
	Harper	19.88		Polk	108.27
	Haskell	36.73		Sherman	12.42
	Hughes	33.64		Tillamook	123.37
	Jackson	24.79		Umatilla	22.89
	Jefferson	30.10		Union	29.77
	Johnston	34.78		Wallowa	22.75
	Kay	29.53		Wasco	14.64
	Kingfisher	32.07		Washington	201.49
	Kiowa	26.30		Wheeler	9.18
	Latimer	35.98		Yamhill	175.18
	Le Flore	47.64	Pennsylvania	Adams	181.41
	Lincoln	46.72		Allegheny	164.26
	Logan	39.50		Armstrong	88.84
	Love	42.78		Beaver	138.87
	McClain	48.06		Bedford	97.93
	McCurtain	45.21		Berks	195.40
	McIntosh	37.75		Blair	117.26
	Major	26.93		Bradford	86.69
	Marshall	43.27		Bucks	282.54
	Mayes	56.12		Butler	129.39
	Murray	39.81		Cambria	98.72
	Muskogee	46.55		Cameron	56.62
	Noble	32.73		Carbon	155.26
	Nowata	34.36		Centre	144.66
	Okfuskee	33.87		Chester	304.95
	Oklahoma	73.54		Clarion	82.40
	Okmulgee	49.78		Clearfield	71.72
	Osage	26.82		Clinton	119.93
	Ottawa	51.18		Columbia	119.54
	Pawnee	35.58		Crawford	81.89
	Payne	47.38		Cumberland	180.21
	Pittsburg	34.84		Dauphin	173.23
	Pontotoc	40.12		Delaware	369.68
	Pottawatomie	40.67		Elk	97.08
	Pushmataha	37.13		Erie	113.72
	Roger Mills	22.08		Fayette	103.58
	Rogers	61.11		Forest	93.98
	Seminole	39.55		Franklin	172.60
	Sequoyah	48.23		Fulton	99.06
	Stephens	34.24		Greene	88.81
	Texas	19.45		Huntingdon	103.89
	Tillman	23.65		Indiana	103.04
	Tulsa	82.96		Jefferson	77.46
	Wagoner	50.78		Juniata	130.87
	Washington	41.95		Lackawanna	140.06
	Washita	28.59		Lancaster	264.74
	Woods	23.05		Lawrence	107.84
	Woodward	23.67		Lebanon	236.21
Oregon	Baker	22.97		Lehigh	166.78
	Benton	105.70		Luzerne	134.24
	Clackamas	271.57		Lycoming	98.21
	Clatsop	120.60		McKean	60.02
	Columbia	128.31		Mercer	90.58
	Coos	74.17		Mifflin	131.40
	Crook	18.89		Monroe	200.71
	Curry	69.40		Montgomery	284.64
	Deschutes	136.21		Montour	145.29
	Douglas	67.26		Northampton	172.72
	Gilliam	8.76		Northumberland	114.65
	Grant	13.20		Perry	125.47

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Philadelphia	994.65		Brown	45.41
	Pike	47.25		Brule	30.14
	Potter	73.74		Buffalo	15.76
	Schuylkill	142.31		Butte	14.07
	Snyder	141.43		Campbell	21.04
	Somerset	81.18		Charles Mix	36.05
	Sullivan	70.42		Clark	41.85
	Susquehanna	93.10		Clay	66.77
	Tioga	83.96		Codington	44.95
	Union	167.75		Corson	10.79
	Venango	77.88		Custer	16.51
	Warren	74.70		Davison	48.97
	Washington	125.44		Day	35.36
	Wayne	117.46		Deuel	45.15
	Westmoreland	127.88		Dewey	10.08
	Wyoming	98.75		Douglas	42.14
	York	161.27		Edmunds	29.45
Puerto Rico	All Areas	219.71		Fall River	11.60
Rhode Island	Bristol	664.85		Faulk	27.84
	Kent	348.47		Grant	45.64
	Newport	592.18		Gregory	20.90
	Providence	455.24		Haakon	12.20
	Washington	380.12		Hamlin	53.68
South Carolina	Abbeville	75.90		Hand	26.67
	Aiken	100.85		Hanson	56.12
	Allendale	51.24		Harding	10.45
	Anderson	110.78		Hughes	23.94
	Bamberg	60.32		Hutchinson	52.59
	Barnwell	73.12		Hyde	18.31
	Beaufort	62.01		Jackson	10.28
	Berkeley	96.71		Jerauld	26.29
	Calhoun	68.84		Jones	11.22
	Charleston	194.86		Kingsbury	43.54
	Cherokee	79.22		Lake	69.24
	Chester	88.00		Lawrence	41.48
	Chesterfield	66.48		Lincoln	88.12
	Clarendon	55.63		Lyman	17.97
	Colleton	55.91		McCook	60.14
	Darlington	49.61		McPherson	21.53
	Dillon	56.72		Marshall	33.44
	Dorchester	93.82		Meade	14.44
	Edgefield	85.69		Mellette	10.39
	Fairfield	78.80		Miner	43.29
	Florence	72.56		Minnehaha	79.20
	Georgetown	76.78		Moody	71.96
	Greenville	159.23		Pennington	19.69
	Greenwood	78.80		Perkins	11.77
	Hampton	62.07		Potter	26.72
	Horry	97.30		Roberts	42.20
	Jasper	57.31		Sanborn	35.31
	Kershaw	85.66		Shannon	6.11
	Lancaster	103.49		Spink	39.41
	Laurens	86.98		Stanley	11.37
	Lee	59.51		Sully	25.92
	Lexington	123.91		Todd	8.38
	McCormick	71.35		Tripp	20.90
	Marion	67.44		Turner	64.41
	Marlboro	51.41		Union	74.12
	Newberry	82.20		Walworth	20.81
	Oconee	152.88		Yankton	56.63
	Orangeburg	63.45		Ziebach	8.58
	Pickens	161.40	Tennessee	Anderson	152.97
	Richland	89.57		Bedford	105.90
	Saluda	78.24		Benton	64.00
	Spartanburg	137.58		Bledsoe	91.21
	Sumter	56.13		Blount	159.22
	Union	72.28		Bradley	137.57
	Williamsburg	68.51		Campbell	99.45
	York	112.24		Cannon	92.58
South Dakota	Aurora	39.27		Carroll	72.76
	Beadle	37.43		Carter	115.72
	Bennett	10.65		Cheatham	117.38
	Bon Homme	42.11		Chester	69.90
	Brookings	61.26		Claiborne	89.00

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Clay	70.73		Van Buren	81.53
	Cocke	108.07		Warren	101.14
	Coffee	100.34		Washington	157.90
	Crockett	66.95		Wayne	63.06
	Cumberland	100.46		Weakley	72.48
	Davidson	178.09		White	94.10
	Decatur	60.25		Williamson	153.69
	DeKalb	91.03		Wilson	117.24
	Dickson	97.10	Texas	Anderson	61.70
	Dyer	78.78		Andrews	9.40
	Fayette	92.52		Angelina	77.35
	Fentress	100.03		Aransas	38.15
	Franklin	106.87		Archer	26.90
	Gibson	73.31		Armstrong	23.88
	Giles	90.60		Atascosa	45.42
	Grainger	108.42		Austin	94.32
	Greene	122.28		Bailey	25.10
	Grundy	92.84		Bandera	63.36
	Hamblen	109.19		Bastrop	75.83
	Hamilton	155.75		Baylor	16.23
	Hancock	84.62		Bee	39.39
	Hardeman	71.02		Bell	65.21
	Hardin	72.99		Bexar	75.72
	Hawkins	104.18		Blanco	69.25
	Haywood	69.30		Borden	16.01
	Henderson	66.98		Bosque	59.66
	Henry	77.69		Bowie	51.20
	Hickman	78.41		Brazoria	60.48
	Houston	69.13		Brazos	76.27
	Humphreys	73.74		Brewster	9.48
	Jackson	77.98		Briscoe	17.11
	Jefferson	133.99		Brooks	28.72
	Johnson	125.11		Brown	49.90
	Knox	185.33		Burleson	62.39
	Lake	79.09		Burnet	62.56
	Lauderdale	62.51		Caldwell	64.05
	Lawrence	88.80		Calhoun	44.04
	Lewis	81.99		Callahan	35.16
	Lincoln	98.45		Cameron	53.44
	Loudon	141.55		Camp	75.27
	McMinn	115.23		Carson	22.56
	McNairy	63.26		Cass	59.57
	Macon	93.61		Castro	28.58
	Madison	80.21		Chambers	40.11
	Marion	103.92		Cherokee	64.33
	Marshall	93.50		Childress	19.71
	Maury	108.36		Clay	36.55
	Meigs	102.52		Cochran	24.13
	Monroe	117.09		Coke	21.65
	Montgomery	92.72		Coleman	35.58
	Moore	93.98		Collin	95.70
	Morgan	82.73		Collingsworth	23.83
	Obion	72.99		Colorado	65.29
	Overton	92.98		Comal	83.10
	Perry	60.59		Comanche	54.43
	Pickett	99.54		Concho	28.22
	Polk	133.59		Cooke	68.81
	Putnam	119.15		Coryell	55.40
	Rhea	102.92		Cottle	17.80
	Roane	121.70		Crane	10.56
	Robertson	110.05		Crockett	11.25
	Rutherford	130.95		Crosby	19.07
	Scott	89.83		Culberson	8.35
	Sequatchie	96.93		Dallam	23.36
	Sevier	158.30		Dallas	91.36
	Shelby	133.42		Dawson	23.52
	Smith	90.29		Deaf Smith	25.24
	Stewart	77.60		Delta	44.62
	Sullivan	145.87		Denton	98.80
	Sumner	115.83		DeWitt	51.31
	Tipton	67.32		Dickens	22.81
	Trousdale	92.64		Dimmit	27.84
	Unicoi	207.04		Donley	17.75
	Union	104.92		Duval	28.17

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Eastland	47.82		Lampasas	51.36
	Ector	11.00		La Salle	30.82
	Edwards	22.14		Lavaca	58.83
	Ellis	67.59		Lee	71.74
	El Paso	40.47		Leon	55.81
	Erath	66.43		Liberty	55.26
	Falls	43.90		Limestone	43.29
	Fannin	53.60		Lipscomb	20.10
	Fayette	76.21		Live Oak	41.22
	Fisher	25.05		Llano	52.11
	Floyd	27.89		Loving	3.62
	Foard	19.35		Lubbock	33.14
	Fort Bend	63.91		Lynn	24.46
	Franklin	62.36		McCulloch	36.74
	Freestone	48.21		McLennan	57.00
	Frio	37.32		McMullen	29.05
	Gaines	26.29		Madison	58.02
	Galveston	67.67		Marion	56.03
	Garza	16.97		Martin	17.83
	Gillespie	71.93		Mason	50.64
	Glasscock	20.37		Matagorda	38.15
	Goliad	45.00		Maverick	24.96
	Gonzales	58.63		Medina	54.51
	Gray	20.15		Menard	30.10
	Grayson	83.87		Midland	24.02
	Gregg	94.71		Milam	52.91
	Grimes	67.48		Mills	46.58
	Guadalupe	71.93		Mitchell	22.72
	Hale	32.04		Montague	56.95
	Hall	23.05		Montgomery	104.74
	Hamilton	47.30		Moore	23.72
	Hanford	22.28		Morris	62.64
	Hardeman	22.42		Motley	16.45
	Hardin	62.83		Nacogdoches	66.93
	Harris	93.21		Navarro	44.56
	Harrison	61.01		Newton	51.92
	Hartley	18.69		Nolan	28.39
	Haskell	24.55		Nueces	35.66
	Hays	78.09		Ochiltree	22.45
	Hemphill	20.12		Oldham	9.01
	Henderson	67.62		Orange	70.05
	Hidalgo	60.29		Palo Pinto	53.57
	Hill	50.89		Panola	54.90
	Hockley	29.55		Parker	100.84
	Hood	75.47		Parmer	28.17
	Hopkins	63.19		Pecos	7.49
	Houston	56.70		Polk	63.50
	Howard	21.23		Potter	18.30
	Hudspeth	7.82		Presidio	11.50
	Hunt	68.17		Rains	66.95
	Hutchinson	18.47		Randall	31.68
	Irion	17.22		Reagan	13.88
	Jack	41.13		Real	29.86
	Jackson	37.71		Red River	36.74
	Jasper	77.43		Reeves	8.71
	Jeff Davis	7.71		Refugio	20.24
	Jefferson	38.45		Roberts	18.60
	Jim Hogg	17.86		Robertson	55.70
	Jim Wells	40.39		Rockwall	124.76
	Johnson	94.21		Runnels	31.15
	Jones	30.33		Rusk	56.59
	Karnes	47.71		Sabine	70.80
	Kaufman	72.26		San Augustine	54.90
	Kendall	75.14		San Jacinto	72.62
	Kenedy	16.03		San Patricio	34.25
	Kent	16.64		San Saba	44.92
	Kerr	49.32		Schleicher	24.99
	Kimble	41.24		Scurry	24.80
	King	10.48		Shackelford	23.19
	Kinney	25.02		Shelby	77.68
	Kleberg	32.70		Sherman	22.50
	Knox	23.61		Smith	86.69
	Lamar	45.50		Somervell	87.66
	Lamb	28.67		Starr	34.20

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Stephens	34.08		Franklin	70.71
	Sterling	10.15		Grand Isle	102.34
	Stonewall	18.49		Lamoille	88.65
	Sutton	22.00		Orange	84.08
	Swisher	20.07		Orleans	65.65
	Tarrant	100.26		Rutland	70.96
	Taylor	34.17		Washington	98.20
	Terrell	6.22		Windham	105.32
	Terry	24.46		Windsor	113.98
	Throckmorton	24.11	Virginia	Accomack	86.55
	Titus	56.75		Albemarle	166.49
	Tom Green	29.83		Alleghany	81.29
	Travis	78.29		Amelia	102.48
	Trinity	53.16		Amherst	87.61
	Tyler	77.51		Appomattox	79.86
	Upshur	71.43		Arlington	120.50
	Upton	14.18		Augusta	140.06
	Uvalde	30.05		Bath	106.46
	Val Verde	12.63		Bedford	135.20
	Van Zandt	84.12		Bland	84.18
	Victoria	42.88		Botetourt	121.41
	Walker	67.75		Brunswick	71.36
	Waller	91.31		Buchanan	120.50
	Ward	10.23		Buckingham	88.09
	Washington	102.50		Campbell	95.93
	Webb	20.65		Caroline	133.34
	Wharton	48.79		Carroll	117.47
	Wheeler	18.80		Charles City	103.11
	Wichita	26.84		Charlotte	76.31
	Wilbarger	20.40		Chesterfield	161.17
	Willacy	33.01		Clarke	195.26
	Williamson	77.84		Craig	101.57
	Wilson	65.27		Culpeper	169.72
	Winkler	7.24		Cumberland	111.63
	Wise	87.13		Dickenson	91.30
	Wood	80.11		Dinwiddie	91.04
	Yoakum	23.39		Essex	92.76
	Young	34.78		Fairfax	367.28
	Zapata	25.40		Fauquier	165.32
	Zavala	29.08		Floyd	118.87
Utah	Beaver	28.92		Fluvanna	142.29
	Box Elder	11.40		Franklin	119.18
	Cache	39.04		Frederick	167.21
	Carbon	13.30		Giles	89.50
	Daggett	19.62		Gloucester	160.83
	Davis	66.80		Goochland	151.36
	Duchesne	8.22		Grayson	131.97
	Emery	16.03		Greene	187.46
	Garfield	32.70		Greensville	79.23
	Grand	5.21		Halifax	79.23
	Iron	19.97		Hanover	162.09
	Juab	14.61		Henrico	155.14
	Kane	18.56		Henry	89.38
	Millard	14.68		Highland	86.81
	Morgan	17.03		Isle of Wight	90.47
	Piute	34.99		James City	240.17
	Rich	10.06		King and Queen	103.40
	Salt Lake	40.38		King George	120.04
	San Juan	4.49		King William	110.00
	Sanpete	27.30		Lancaster	121.33
	Sevier	24.65		Lee	78.40
	Summit	17.89		Loudoun	211.28
	Tooele	20.38		Louisa	140.18
	Uintah	6.63		Lunenburg	84.15
	Utah	53.15		Madison	165.26
	Wasatch	59.62		Mathews	163.17
	Washington	38.74		Mecklenburg	90.50
	Wayne	33.95		Middlesex	143.95
	Weber	61.54		Montgomery	118.07
Vermont	Addison	74.57		Nelson	134.00
	Bennington	104.73		New Kent	152.68
	Caledonia	74.94		Northampton	112.63
	Chittenden	107.88		Northumberland	108.57
	Essex	44.27		Nottoway	99.99

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State	County	Fee/Acre/Yr	State	County	Fee/Acre/Yr
	Orange	158.63		Boone	44.49
	Page	176.07		Braxton	46.45
	Patrick	99.31		Brooke	47.25
	Pittsylvania	90.30		Cabell	72.72
	Powhatan	183.85		Calhoun	44.60
	Prince Edward	88.04		Clay	47.80
	Prince George	107.60		Doddridge	42.38
	Prince William	209.82		Fayette	59.04
	Pulaski	104.31		Gilmer	42.10
	Rappahannock	177.70		Grant	67.05
	Richmond	105.28		Greenbrier	69.53
	Roanoke	144.73		Hampshire	137.67
	Rockbridge	124.50		Hancock	78.78
	Rockingham	175.90		Hardy	87.85
	Russell	80.97		Harrison	59.99
	Scott	84.35		Jackson	56.94
	Shenandoah	154.31		Jefferson	195.67
	Smyth	94.61		Kanawha	78.63
	Southampton	74.11		Lewis	48.84
	Spotsylvania	145.21		Lincoln	42.73
	Stafford	252.47		Logan	81.80
	Surry	94.47		McDowell	64.02
	Sussex	90.41		Marion	61.11
	Tazewell	65.36		Marshall	53.82
	Warren	181.68		Mason	64.17
	Washington	125.68		Mercer	63.48
	Westmoreland	102.97		Mineral	79.87
	Wise	79.80		Mingo	28.41
	Wythe	112.35		Monongalia	79.47
	York	505.80		Monroe	66.10
	Chesapeake City	153.94		Morgan	124.91
	Suffolk	130.25		Nicholas	58.29
Washington	Virginia Beach City	178.10		Ohio	61.06
	Adams	19.00		Pendleton	61.29
	Asotin	15.42		Pleasants	60.10
	Benton	43.10		Pocahontas	58.46
	Chelan	135.08		Preston	68.89
	Clallam	194.62		Putnam	68.69
	Clark	245.48		Raleigh	66.21
	Columbia	18.52		Randolph	57.63
	Cowlitz	141.24		Ritchie	48.20
	Douglas	20.47		Roane	49.93
	Ferry	8.18		Summers	57.77
	Franklin	40.10		Taylor	63.27
	Garfield	15.01		Tucker	55.61
	Grant	46.29		Tyler	54.17
	Grays Harbor	49.67		Upshur	61.29
	Island	228.13		Wayne	52.21
	Jefferson	135.37		Webster	56.82
	King	330.05		Wetzel	44.40
	Kitsap	346.38		Wirt	46.71
	Kittitas	72.51		Wood	65.81
	Klickitat	23.12		Wyoming	39.22
	Lewis	109.71	Wisconsin	Adams	89.36
	Lincoln	18.48		Ashland	60.45
	Mason	152.57		Barron	69.87
	Okanogan	22.51		Bayfield	61.21
	Pacific	61.53		Brown	110.63
	Pend Oreille	56.07		Buffalo	72.44
	Pierce	273.64		Burnett	72.21
	San Juan	161.26		Calumet	107.78
	Skagit	125.17		Chippewa	70.21
	Skamania	163.50		Clark	70.55
	Snohomish	200.63		Columbia	105.66
	Spokane	43.62		Crawford	73.22
	Stevens	25.87		Dane	122.14
	Thurston	158.72		Dodge	103.43
	Wahkiakum	73.96		Door	95.06
	Walla Walla	31.99		Douglas	57.91
	Whatcom	207.55		Dunn	78.98
	Whitman	20.71		Eau Claire	78.92
West Virginia	Yakima	28.39		Florence	66.65
	Barbour	47.34		Fond du Lac	99.63
	Berkeley	192.99		Forest	54.30

State	County	Fee/Acre/Yr
	Grant	88.82
	Green	100.73
	Green Lake	98.10
	Iowa	92.86
	Iron	53.59
	Jackson	72.97
	Jefferson	114.01
	Juneau	80.70
	Kenosha	143.54
	Kewaunee	98.55
	La Crosse	81.72
	Lafayette	99.26
	Langlade	72.07
	Lincoln	72.07
	Manitowoc	98.53
	Marathon	77.12
	Marinette	75.90
	Marquette	86.54
	Menominee	33.11
	Milwaukee	203.43
	Monroe	83.72
	Oconto	84.00
	Oneida	80.30
	Outagamie	104.31
	Ozaukee	134.97
	Pepin	77.09
	Pierce	94.24
	Polk	81.38
	Portage	97.03
	Price	54.95
	Racine	134.88
	Richland	79.46
	Rock	113.62
	Rusk	65.47
	St. Croix	107.52
	Sauk	95.71
	Sawyer	83.94
	Shawano	86.88
	Sheboygan	109.13
	Taylor	65.55
	Trempealeau	73.73
	Vernon	83.69
	Vilas	140.27
	Walworth	122.22
	Washburn	77.00
	Washington	143.63
	Waukesha	154.69
	Waupaca	91.11
	Waushara	99.63
	Winnebago	96.98
	Wood	84.82
Wyoming	Albany	7.74
	Big Horn	14.42
	Campbell	6.41
	Carbon	5.16
	Converse	5.66
	Crook	9.83
	Fremont	15.06
	Goshen	9.81
	Hot Springs	12.07
	Johnson	6.35
	Laramie	7.97
	Lincoln	18.86
	Natrona	5.49
	Niobrara	6.20
	Park	13.64
	Platte	10.06
	Sheridan	12.92
	Sublette	16.65
	Sweetwater	2.94
	Teton	30.00
	Uinta	9.67
	Washakie	9.37
	Weston	7.28

[80 FR 2591, Jan. 20, 2015]

PART 12—SAFETY OF WATER POWER PROJECTS AND PROJECT WORKS

Subpart A—General Provisions

- Sec.
- 12.1 Applicability.
- 12.2 Rules of construction.
- 12.3 Definitions.
- 12.4 Staff administrative responsibility and supervisory authority.
- 12.5 Responsibilities of licensee or applicant.

Subpart B—Reports and Records

- 12.10 Reporting safety-related incidents.
- 12.11 Reporting modifications of the project or project works.
- 12.12 Maintenance of records.
- 12.13 Verification form.

Subpart C—Emergency Action Plans

- 12.20 General requirements.
- 12.21 Exemptions.
- 12.22 Contents of emergency action plan.
- 12.23 Time for filing emergency action plan.
- 12.24 Review and updating of plans.
- 12.25 Posting and readiness.

Subpart D—Inspection by Independent Consultant

- 12.30 Applicability.
- 12.31 Definitions.
- 12.32 General inspection requirement.
- 12.33 Exemption.
- 12.34 Approval of independent consultant.
- 12.35 Specific inspection requirements.
- 12.36 Emergency corrective measures.
- 12.37 Report of the independent consultant.
- 12.38 Time for inspections and reports.
- 12.39 Taking corrective measures after the report.

Subpart E—Other Responsibilities of Applicant or Licensee

- 12.40 Quality control programs.
- 12.41 Monitoring instruments.
- 12.42 Warning and safety devices.
- 12.43 Power and communication lines and gas pipelines.
- 12.44 Testing spillway gates.

AUTHORITY: 16 U.S.C. 792-828c; 42 U.S.C. 7101-7352; E.O. 12009, 3 CFR 1978 Comp., p. 142.

SOURCE: Order 122, 46 FR 9036, Jan. 28, 1981, unless otherwise noted.

EDITORIAL NOTE: Nomenclature changes to part 12 appear at 69 FR 32438, June 10, 2004.