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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 begin on the date by which the licensee or exemptee is required to commence project construction, or as that deadline may be extended, but in no case longer than four years after the issuance date of the license or exemption. For constructed projects, the assessments begin on the effective date of the license or exemption, except for any new capacity authorized therein. The assessments for new authorized capacity at licensed or exempted projects begin on the date by which the licensee or exemptee is required to commence construction of the new capacity. In the event that assessments begin during a fiscal year, the charges will be prorated.

(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; Order 815, 80 FR 63671, Oct. 21, 2015]

§ 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.

(iv) For all geographic areas in Alaska except for the Aleutian Islands Area, the Commission will calculate a statewide per-acre value based on the average per-acre land and building values published in the NASS Census for the Kenai Peninsula Area and the Fairbanks Area. This statewide per-acre value will be reduced by the sum of the state-specific modifier and seven percent. The resulting adjusted statewide per-acre value will be applied to all projects located in Alaska, except for projects located in the Aleutian Island Area.

(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 (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, as amended by Order 838, 83 FR 7, Jan. 2, 2018]

§ 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 determination 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

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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 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 with-

in 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

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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 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 (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

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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, 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,

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 down-

stream 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

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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

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

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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

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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 2018

State	County	Fee/acre/yr
Alabama	Autauga	\$62.99
	Baldwin	109.71
	Barbour	62.33

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Bibb	57.82		Navajo	4.18
	Blount	100.13		Pima	8.42
	Bullock	60.03		Pinal	38.43
	Butler	66.95		Santa Cruz	24.68
	Calhoun	83.97		Yavapai	25.47
	Chambers	71.74		Yuma	116.65
	Cherokee	94.24	Arkansas	Arkansas	58.19
	Chilton	80.84		Ashley	63.73
	Choctaw	51.62		Baxter	58.52
	Clarke	56.37		Benton	97.30
	Clay	68.19		Boone	56.44
	Cleburne	75.67		Bradley	76.62
	Coffee	72.67		Calhoun	53.94
	Colbert	77.74		Carroll	55.78
	Conecuh	54.89		Chicot	58.47
	Coosa	57.13		Clark	40.53
	Covington	62.16		Clay	70.15
	Crenshaw	55.92		Cleburne	60.06
	Cullman	115.12		Cleveland	85.45
	Dale	69.19		Columbia	47.33
	Dallas	50.58		Conway	56.77
	DeKalb	104.48		Craighead	70.37
	Elmore	87.52		Crawford	65.85
	Escambia	62.61		Crittenden	60.94
	Etowah	98.10		Cross	55.78
	Fayette	58.54		Dallas	35.10
	Franklin	57.99		Desha	61.18
	Geneva	59.58		Drew	55.29
	Greene	55.96		Faulkner	71.93
	Hale	57.65		Franklin	49.97
	Henry	61.61		Fulton	35.13
	Houston	71.78		Garland	80.90
	Jackson	72.02		Grant	49.42
	Jefferson	124.25		Greene	74.98
	Lamar	40.73		Hempstead	44.92
	Lauderdale	81.87		Hot Spring	56.33
	Lawrence	84.32		Howard	51.72
	Lee	104.06		Independence	45.94
	Limestone	112.13		Izard	38.75
	Lowndes	47.59		Jackson	55.20
	Macon	67.74		Jefferson	63.62
	Madison	102.41		Johnson	52.76
	Marengo	49.14		Lafayette	44.37
	Marion	61.23		Lawrence	58.63
	Marshall	104.51		Lee	61.35
	Mobile	111.99		Lincoln	61.32
	Monroe	54.24		Little River	36.89
	Montgomery	72.33		Logan	49.28
	Morgan	102.89		Lonoke	61.02
	Perry	48.38		Madison	59.62
	Pickens	56.99		Marion	44.18
	Pike	62.78		Miller	43.58
	Randolph	77.46		Mississippi	62.50
	Russell	62.33		Monroe	52.74
	Shelby	115.74		Montgomery	54.99
	St. Clair	105.82		Nevada	41.63
	Sumter	39.21		Newton	48.40
	Talladega	80.18		Ouachita	48.87
	Tallahpoosa	66.54		Perry	53.48
	Tuscaloosa	81.73		Phillips	57.26
	Walker	71.05		Pike	46.79
	Washington	46.55		Poinsett	67.33
	Wilcox	46.38		Polk	58.17
	Winston	71.71		Pope	60.22
Alaska	Aleutian Islands	1.04		Prairie	54.88
	Statewide	37.30		Pulaski	75.42
Arizona	Cochise	22.64		Randolph	44.21
	Coconino	3.37		Saline	77.20
	Gila	5.29		Scott	48.21
	Graham	9.33		Searcy	36.58
	Greenlee	25.22		Sebastian	58.41
	La Paz	20.76		Sevier	51.23
	Maricopa	91.48		Sharp	39.87
	Mohave	7.80		St. Francis	51.91

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
California	Stone	42.81	Wyoming	Cheyenne	14.19
	Union	55.59		Clear Creek	50.06
	Van Buren	54.44		Conejos	27.69
	Washington	90.20		Costilla	20.05
	White	56.41		Crowley	6.25
	Woodruff	54.74		Custer	27.78
	Yell	49.83		Delta	60.55
	Alameda	45.67		Denver	989.44
	Alpine	35.50		Dolores	26.32
	Amador	32.56		Douglas	91.64
	Butte	62.89		Eagle	71.87
	Calaveras	27.00		El Paso	22.03
	Colusa	44.95		Elbert	20.46
	Contra Costa	69.73		Fremont	42.67
	Del Norte	72.14		Garfield	50.68
	El Dorado	68.09		Gilpin	51.68
	Fresno	68.58		Grand	41.72
	Glenn	38.01		Gunnison	51.41
	Humboldt	21.38		Hinsdale	96.57
	Imperial	57.96		Huerfano	15.76
	Inyo	6.45		Jackson	19.02
	Kern	36.71		Jefferson	100.22
	Kings	49.92		Kiowa	12.45
	Lake	50.39		Kit Carson	20.66
	Lassen	15.95		La Plata	33.89
	Los Angeles	103.11		Lake	53.21
	Madera	63.02		Larimer	56.24
	Marin	51.55		Las Animas	7.39
	Mariposa	17.41		Lincoln	8.71
	Mendocino	33.21		Logan	15.85
	Merced	64.04		Mesa	61.44
	Modoc	14.25		Mineral	79.23
	Mono	23.32		Moffat	13.32
	Monterey	40.49		Montezuma	20.21
	Napa	180.44		Montrose	52.39
	Nevada	89.67		Morgan	26.02
	Orange	180.87		Otero	11.91
	Placer	88.26		Ouray	51.82
	Plumas	14.70		Park	24.29
	Riverside	84.52		Phillips	33.03
	Sacramento	59.05		Pitkin	102.13
	San Benito	23.54		Prowers	12.54
San Bernardino	111.36	Pueblo	13.39		
San Diego	148.68	Rio Blanco	24.24		
San Francisco	1,043.76	Rio Grande	43.13		
San Joaquin	83.51	Routt	40.46		
San Luis Obispo	34.86	Saguache	27.12		
San Mateo	93.51	San Juan	23.36		
Santa Barbara	60.96	San Miguel	26.59		
Santa Clara	55.56	Sedgwick	23.20		
Santa Cruz	102.55	Summit	60.65		
Shasta	23.18	Teller	36.61		
Sierra	12.45	Washington	17.84		
Siskiyou	16.87	Weld	36.10		
Solano	46.00	Yuma	25.00		
Sonoma	121.00	Connecticut	Fairfield	320.04	
Stanislaus	79.75		Hartford	333.21	
Sutter	54.78		Litchfield	300.37	
Tehama	24.64		Middlesex	370.86	
Trinity	9.44		New Haven	331.00	
Tulare	62.36		New London	272.24	
Tuolumne	38.33	Tolland	261.57		
Ventura	129.29	Windham	200.99		
Yolo	46.70	Delaware	Kent	219.29	
Yuba	47.94		New Castle	272.38	
Colorado	Adams	26.21	Sussex	215.28	
	Alamosa	26.59	Florida	Alachua	104.77
	Arapahoe	30.74		Baker	126.18
	Archuleta	39.18		Bay	101.07
	Baca	10.15		Bradford	81.38
	Bent	8.48		Brevard	105.37
	Boulder	104.28		Broward	446.05
	Broomfield	35.76		Calhoun	41.34
Chaffee	55.17	Charlotte		98.63	

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Georgia	Citrus	128.88	Georgia	Bulloch	63.88
	Clay	68.51		Burke	59.42
	Collier	87.25		Butts	91.91
	Columbia	88.29		Calhoun	57.81
	Dade	494.83		Camden	57.51
	DeSoto	91.41		Candler	62.85
	Dixie	76.74		Carroll	117.00
	Duval	134.98		Catoosa	149.55
	Escambia	94.99		Charlton	53.82
	Flagler	82.50		Chatham	136.19
	Franklin	37.81		Chattahoochee	54.87
	Gadsden	86.23		Chattooga	81.22
	Gilchrist	64.86		Cherokee	250.26
	Glades	59.49		Clarke	148.99
	Gulf	81.43		Clay	43.63
	Hamilton	56.18		Clayton	147.01
	Hardee	80.29		Clinch	71.49
	Henry	78.98		Cobb	322.78
	Hernando	163.38		Coffee	69.45
	Highlands	57.18		Colquitt	77.50
	Hillsborough	176.20		Columbia	129.53
	Holmes	54.94		Cook	72.58
	Indian River	75.06		Coweta	130.39
	Jackson	65.55		Crawford	81.35
	Jefferson	81.99		Crisp	55.14
	Lafayette	80.27		Dade	83.43
	Lake	146.74		Dawson	205.31
	Lee	184.62		Decatur	75.38
	Leon	107.08		DeKalb	73.34
	Levy	116.25		Dodge	58.10
	Liberty	52.65		Dooly	61.86
	Madison	65.55		Dougherty	86.46
	Manatee	108.80		Douglas	173.89
	Marion	182.04		Early	56.65
	Martin	128.10		Echols	69.61
	Monroe	369.38		Effingham	73.31
	Nassau	93.16		Elbert	93.32
	Okaloosa	70.61		Emanuel	56.26
	Okeechobee	89.39		Evans	68.26
	Orange	162.82		Fannin	171.61
	Osceola	76.83		Fayette	161.19
	Palm Beach	138.00		Floyd	102.82
	Pasco	131.63		Forsyth	290.06
	Pinellas	586.70		Franklin	142.79
	Polk	106.66		Fulton	178.87
	Putnam	107.61		Gilmer	162.01
	Santa Rosa	153.23		Glascok	48.74
	Sarasota	127.61		Glynn	103.48
	Seminole	92.60		Gordon	126.56
	St. Johns	68.88		Grady	81.19
	St. Lucie	93.70		Greene	85.11
	Sumter	104.13		Gwinnett	272.65
	Suwannee	78.12		Habersham	151.59
	Taylor	74.06		Hall	216.66
	Union	69.56		Hancock	90.32
	Volusia	119.46		Haralson	111.13
	Wakulla	68.17		Harris	126.70
	Walton	55.98		Hart	136.69
	Washington	55.94		Heard	91.61
	Appling	61.77		Henry	151.30
	Atkinson	70.41		Houston	81.72
	Bacon	76.41		Irwin	67.07
	Baker	72.42		Jackson	146.12
	Baldwin	64.57		Jasper	91.35
	Banks	144.93		Jeff Davis	87.62
	Barrow	144.90		Jefferson	52.70
	Bartow	116.87		Jenkins	49.56
	Ben Hill	66.91		Johnson	47.39
	Berrien	69.98		Jones	83.79
	Bibb	86.20		Lamar	101.24
	Bleckley	61.40		Lanier	89.89
	Brantley	76.31		Laurens	54.11
	Brooks	87.12		Lee	75.91
	Bryan	77.36		Liberty	55.73

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Lincoln	73.14	Idaho	Ada	62.93
	Long	64.96		Adams	18.14
	Lowndes	93.32		Bannock	21.55
	Lumpkin	237.27		Bear Lake	16.95
	Macon	59.26		Benewah	18.93
	Madison	75.62		Bingham	26.65
	Marion	68.10		Blaine	34.07
	McDuffie	67.60		Boise	16.92
	McIntosh	148.16		Bonner	52.07
	Meriwether	83.66		Bonneville	27.64
	Miller	65.03		Boundary	40.78
	Mitchell	75.45		Butte	18.36
	Monroe	89.96		Camas	17.69
	Montgomery	45.57		Canyon	63.59
	Morgan	115.32		Caribou	16.71
	Murray	113.11		Cassia	27.93
	Muscogee	135.53		Clark	17.37
	Newton	111.43		Clearwater	22.45
	Oconee	190.54		Custer	27.46
	Oglethorpe	85.44		Elmore	24.40
	Paulding	172.63		Franklin	23.94
	Peach	105.49		Fremont	26.62
	Pickens	177.15		Gem	32.93
	Pierce	62.82		Gooding	45.67
	Pike	96.29		Idaho	16.63
	Polk	95.14		Jefferson	31.24
	Pulaski	69.05		Jerome	45.79
	Putnam	100.31		Kootenai	49.35
	Quitman	56.26		Latah	21.49
	Rabun	186.71		Lemhi	26.50
	Randolph	51.05		Lewis	16.72
	Richmond	69.91		Lincoln	31.30
	Rockdale	184.21		Madison	39.51
	Schley	59.95		Minidoka	41.35
	Screven	56.29		Nez Perce	20.06
	Seminole	71.30		Oneida	14.16
	Spalding	137.94		Owyhee	14.64
	Stephens	139.10		Payette	36.03
	Stewart	51.77		Power	18.04
	Sumter	59.72		Shoshone	71.31
	Talbot	54.97		Teton	39.26
	Taliaferro	58.10		Twin Falls	36.85
	Tattnall	73.27		Valley	29.48
	Taylor	53.42		Washington	11.91
	Telfair	50.19	Illinois	Adams	137.89
	Terrell	62.36		Alexander	92.28
	Thomas	88.21		Bond	180.59
	Tift	83.79		Boone	191.16
	Toombs	62.56		Brown	111.30
	Towns	155.98		Bureau	204.67
	Treutlen	47.32		Calhoun	106.10
	Troup	105.03		Carroll	190.85
	Turner	62.89		Cass	156.10
	Twiggs	65.99		Champaign	222.21
	Union	158.68		Christian	211.47
	Upson	83.36		Clark	137.12
	Walker	103.08		Clay	132.97
	Walton	141.60		Clinton	163.22
	Ware	65.10		Coles	196.78
	Warren	53.26		Cook	292.27
	Washington	54.54		Crawford	139.49
	Wayne	72.45		Cumberland	151.84
	Webster	46.76		De Witt	200.62
	Wheeler	39.37		DeKalb	219.18
	White	181.14		Douglas	212.38
	Whitfield	127.85		DuPage	193.92
	Wilcox	64.34		Edgar	183.31
	Wilkes	73.27		Edwards	112.31
	Wilkinson	56.29		Effingham	161.79
	Worth	68.16		Fayette	124.38
Hawaii	Hawaii	169.66		Ford	211.61
	Honolulu	428.59		Franklin	103.52
	Kauai	161.48		Fullton	146.50
	Maui	209.00		Gallatin	122.64

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Greene	157.35		Bartholomew	163.95
	Grundy	212.62		Benton	180.13
	Hamilton	101.04		Blackford	117.92
	Hancock	159.83		Boone	172.14
	Hardin	98.70		Brown	111.65
	Henderson	172.78		Carroll	190.41
	Henry	190.67		Cass	150.98
	Iroquois	189.84		Clark	117.92
	Jackson	109.90		Clay	121.55
	Jasper	141.41		Clinton	186.12
	Jefferson	100.59		Crawford	71.44
	Jersey	164.58		Daviess	180.72
	Jo Daviess	135.51		Dearborn	113.56
	Johnson	84.36		Decatur	148.43
	Kane	247.68		DeKalb	123.54
	Kankakee	184.57		Delaware	147.84
	Kendall	242.35		Dubois	124.76
	Knox	191.69		Elkhart	225.04
	La Salle	220.23		Fayette	129.64
	Lake	290.18		Floyd	148.71
	Lawrence	136.70		Fountain	133.82
	Lee	211.22		Franklin	127.68
	Livingston	200.62		Fulton	140.13
	Logan	200.48		Gibson	148.64
	Macon	218.62		Grant	155.61
	Macoupin	173.54		Greene	109.97
	Madison	178.11		Hamilton	179.29
	Marion	117.27		Hancock	159.48
	Marshall	193.26		Harrison	102.68
	Mason	163.18		Hendricks	162.73
	Massac	99.86		Henry	138.15
	McDonough	196.15		Howard	177.20
	McHenry	225.25		Huntington	152.09
	McLean	228.32		Jackson	127.82
	Menard	176.51		Jasper	171.06
	Mercer	169.50		Jay	183.12
	Monroe	144.55		Jefferson	98.74
	Montgomery	166.25		Jennings	108.68
	Morgan	186.52		Johnson	169.91
	Moultrie	214.57		Knox	157.50
	Ogle	193.50		Kosciusko	163.63
	Peoria	193.15		LaGrange	207.74
	Perry	113.64		Lake	158.23
	Platt	241.54		LaPorte	169.70
	Pike	137.22		Lawrence	88.49
	Pope	72.71		Madison	168.13
	Pulaski	112.28		Marion	179.15
	Putnam	175.67		Marshall	145.12
	Randolph	124.45		Martin	112.62
	Richland	122.67		Miami	141.39
	Rock Island	174.03		Monroe	134.76
	Saline	117.72		Montgomery	155.79
	Sangamon	205.64		Morgan	137.31
	Schuyler	122.19		Newton	158.26
	Scott	162.48		Noble	134.83
	Shelby	168.52		Ohio	99.30
	St. Clair	176.23		Orange	97.28
	Stark	207.60		Owen	94.74
	Stephenson	189.84		Parke	116.28
	Tazewell	207.63		Perry	83.65
	Union	98.95		Pike	119.14
	Vermilion	196.57		Porter	167.15
	Wabash	148.25		Posey	133.82
	Warren	193.19		Pulaski	143.72
	Washington	144.58		Putnam	117.09
	Wayne	124.77		Randolph	141.91
	White	125.12		Ripley	113.77
	Whiteside	190.95		Rush	169.84
	Will	218.62		Scott	100.17
	Williamson	123.02		Shelby	170.85
	Winnebago	176.65		Spencer	107.95
	Woodford	216.32		St. Joseph	171.27
Indiana	Adams	161.61		Starke	122.25
	Allen	172.21		Steuben	125.14

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Iowa	Sullivan	116.53	Kansas	Lucas	80.32
	Switzerland	98.40		Lyon	230.46
	Tippecanoe	187.76		Madison	137.03
	Tipton	203.73		Mahaska	157.16
	Union	138.21		Marion	124.73
	Vanderburgh	118.03		Marshall	185.11
	Vermillion	132.53		Mills	176.55
	Vigo	108.12		Mitchell	206.07
	Wabash	144.14		Monona	153.49
	Warren	164.30		Monroe	88.64
	Warrick	135.46		Montgomery	156.81
	Washington	92.64		Muscatine	175.78
	Wayne	144.42		O'Brien	238.63
	Wells	176.57		Osceola	196.74
	White	190.73		Page	140.63
	Whitley	143.31		Palo Alto	210.26
	Adair	130.78		Plymouth	205.51
	Adams	119.98		Pocahontas	213.41
	Allamakee	118.93		Polk	197.13
	Appanoose	82.98		Pottawattamie	196.57
	Audubon	186.22		Poweshiek	169.94
	Benton	201.77		Ringgold	95.59
	Black Hawk	222.74		Sac	207.40
	Boone	210.93		Scott	226.89
	Bremer	215.57		Shelby	189.30
	Buchanan	204.95		Sioux	254.50
	Buena Vista	204.08		Story	219.07
	Butler	190.87		Tama	181.75
	Calhoun	214.80		Taylor	106.98
	Carroll	210.30		Union	96.19
	Cass	152.72		Van Buren	97.13
	Cedar	200.44		Wapello	115.30
	Cerro Gordo	185.35		Warren	142.94
	Cherokee	207.47		Washington	170.71
	Chickasaw	200.06		Wayne	90.35
	Clarke	94.41		Webster	205.51
	Clay	206.42		Winnebago	188.60
	Clayton	133.78		Winneshiek	166.55
	Clinton	198.52		Woodbury	166.97
	Crawford	193.35		Worth	171.76
	Dallas	188.04		Wright	201.49
	Davis	82.25		Allen	38.37
	Decatur	83.50		Anderson	42.80
	Delaware	201.42		Atchison	59.18
	Des Moines	155.79		Barber	33.39
	Dickinson	197.37		Barton	43.07
	Dubuque	170.29		Bourbon	39.78
Emmet	203.48	Brown	89.89		
Fayette	192.27	Butler	48.36		
Floyd	178.92	Chase	37.27		
Franklin	185.77	Chautauqua	31.74		
Fremont	171.66	Cherokee	51.18		
Greene	194.61	Cheyenne	43.52		
Grundy	224.48	Clark	25.01		
Guthrie	162.05	Clay	58.02		
Hamilton	227.00	Cloud	54.72		
Hancock	194.47	Coffey	41.94		
Hardin	206.42	Comanche	25.32		
Harrison	162.78	Cowley	39.36		
Henry	137.76	Crawford	46.03		
Howard	184.27	Decatur	41.91		
Humboldt	213.20	Dickinson	55.44		
Ida	189.68	Doniphan	98.89		
Iowa	169.17	Douglas	78.42		
Jackson	149.01	Edwards	58.63		
Jasper	173.79	Elk	34.86		
Jefferson	128.33	Ellis	36.62		
Johnson	191.95	Ellsworth	36.44		
Jones	187.24	Finney	39.54		
Keokuk	139.30	Ford	33.46		
Kossuth	212.64	Franklin	63.79		
Lee	119.28	Geary	53.27		
Linn	187.90	Gove	35.34		
Louisa	160.51	Graham	36.24		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Grant	36.62		Anderson	86.65
	Gray	36.68		Ballard	94.61
	Greeley	40.88		Barren	81.89
	Greenwood	38.71		Bath	54.26
	Hamilton	27.79		Bell	54.08
	Harper	41.70		Boone	171.57
	Harvey	70.62		Bourbon	118.35
	Haskell	37.85		Boyd	64.86
	Hodgeman	29.54		Boyle	94.68
	Jackson	48.36		Bracken	58.26
	Jefferson	61.48		Breathitt	39.76
	Jewell	53.03		Breckinridge	66.70
	Johnson	119.26		Bullitt	101.36
	Kearny	35.65		Butler	56.24
	Kingman	39.26		Caldwell	76.05
	Kiowa	33.87		Calloway	82.52
	Labette	40.84		Campbell	122.14
	Lane	35.34		Carlisle	78.66
	Leavenworth	88.89		Carroll	73.34
	Lincoln	41.05		Carter	48.87
	Linn	48.36		Casey	56.48
	Logan	32.43		Christian	96.04
	Lyon	42.87		Clark	91.28
	Marion	57.95		Clay	44.28
	Marshall	73.99		Clinton	72.12
	McPherson	62.03		Crittenden	59.85
	Meade	33.52		Cumberland	47.48
	Miami	86.04		Daviess	107.99
	Mitchell	61.55		Edmonson	66.15
	Montgomery	42.52		Elliott	37.75
	Morris	40.36		Estill	51.37
	Morton	23.25		Fayette	253.39
	Nemaha	77.56		Fleming	58.29
	Neosho	41.15		Floyd	40.95
	Ness	28.61		Franklin	102.43
	Norton	36.41		Fulton	97.05
	Osage	44.69		Gallatin	84.15
	Osborne	37.65		Garrard	68.72
	Ottawa	51.73		Grant	85.09
	Pawnee	50.08		Graves	90.16
	Phillips	34.38		Grayson	63.12
	Pottawatomie	52.42		Green	62.98
	Pratt	43.97		Greenup	49.22
	Rawlins	47.92		Hancock	78.21
	Reno	49.36		Hardin	97.46
	Republic	72.85		Harlan	36.77
	Rice	43.90		Harrison	75.91
	Riley	50.25		Hart	61.70
	Rooks	36.07		Henderson	101.53
	Rush	35.65		Henry	92.94
	Russell	31.39		Hickman	96.77
	Saline	54.31		Hopkins	80.71
	Scott	41.70		Jackson	50.54
	Sedgwick	65.30		Jefferson	240.04
	Seward	31.64		Jessamine	152.17
	Shawnee	68.39		Johnson	48.66
	Sheridan	52.73		Kenton	121.24
	Sherman	46.92		Knott	37.61
	Smith	44.58		Knox	48.63
	Stafford	48.57		Larue	95.17
	Stanton	30.43		Laurel	95.90
	Stevens	37.68		Lawrence	39.38
	Sumner	49.26		Lee	52.90
	Thomas	58.60		Leslie	120.86
	Trego	36.07		Letcher	64.30
	Wabaunsee	40.39		Lewis	40.84
	Wallace	34.66		Lincoln	69.20
	Washington	64.13		Livingston	59.16
	Wichita	37.30		Logan	93.12
	Wilson	39.50		Lyon	56.31
	Woodson	37.82		Madison	83.91
	Wyandotte	132.14		Magoffin	41.22
Kentucky	Adair	71.19		Marion	74.87
	Allen	82.17		Marshall	85.02

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Louisiana	Martin	139.97	Maine	Lincoln	87.72
	Mason	71.67		Livingston	151.52
	McCracken	85.58		Madison	65.05
	McCreary	49.77		Morehouse	62.41
	McLean	104.55		Natchitoches	64.00
	Meade	90.20		Orleans	408.33
	Menifee	49.70		Ouachita	76.88
	Mercer	93.95		Plaquemines	33.28
	Metcalfe	62.74		Pointe Coupee	72.33
	Monroe	65.59		Rapides	67.03
	Montgomery	76.26		Red River	51.51
	Morgan	35.49		Richland	60.54
	Muhlenberg	64.62		Sabine	83.84
	Nelson	93.50		St. Bernard	43.83
	Nicholas	60.03		St. Charles	57.11
	Ohio	68.06		St. Helena	88.22
	Oldham	173.72		St. James	92.80
	Owen	64.13		St. John the Baptist	76.72
	Owsley	37.50		St. Landry	63.40
	Pendleton	65.83		St. Martin	65.18
	Perry	33.54		St. Mary	66.11
	Pike	37.09		St. Tammany	192.85
	Powell	44.21		Tangipahoa	108.55
	Pulaski	80.54		Tensas	57.93
	Robertson	50.26		Terrebonne	59.12
	Rockcastle	56.52		Union	76.68
	Rowan	59.30		Vermilion	68.51
	Russell	85.64		Vernon	83.31
	Scott	127.15		Washington	93.46
	Shelby	135.73		Webster	91.81
	Simpson	115.75		West Baton Rouge	98.86
	Spencer	87.14		West Carroll	56.29
	Taylor	77.37		West Feliciana	69.57
	Todd	102.61		Winn	63.73
	Trigg	82.31		Androscoggin	67.50
	Trimble	87.77		Aroostook	37.59
	Union	114.11		Cumberland	129.22
	Warren	100.28		Franklin	57.20
	Washington	71.19		Hancock	88.70
	Wayne	63.23		Kennebec	75.47
	Webster	88.81		Knox	99.99
	Whitley	60.27		Lincoln	91.86
	Wolfe	41.36		Oxford	66.94
	Woodford	226.76		Penobscot	53.06
	Acadia	58.49		Piscataquis	45.16
	Allen	55.40		Sagadahoc	99.50
	Ascension	92.77		Somerset	55.79
	Assumption	80.34		Waldo	49.11
	Avoyelles	59.81		Washington	41.17
Beauregard	65.84	York	128.19		
Bienville	62.71	Allegany	95.77		
Bossier	88.65	Anne Arundel	317.51		
Caddo	71.77	Baltimore	258.86		
Calcasieu	67.65	Calvert	206.66		
Caldwell	65.28	Caroline	167.51		
Cameron	46.37	Carroll	223.32		
Catahoula	64.00	Cecil	198.95		
Claiborne	66.37	Charles	176.94		
Concordia	60.83	Dorchester	142.90		
De Soto	71.41	Frederick	208.27		
East Baton Rouge	151.49	Garrett	115.38		
East Carroll	72.20	Harford	226.61		
East Feliciana	78.60	Howard	300.58		
Evangeline	55.92	Kent	186.81		
Franklin	60.11	Montgomery	278.91		
Grant	56.25	Prince George's	216.32		
Iberia	82.65	Queen Anne's	204.12		
Iberville	47.52	Somerset	150.03		
Jackson	74.61	St. Mary's	181.05		
Jefferson	100.28	Talbot	181.33		
Jefferson Davis	59.91	Washington	164.02		
La Salle	67.62	Wicomico	172.31		
Lafayette	125.75	Worcester	163.74		
Lafourche	56.62	Barnstable	856.94		
			Massachusetts		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Michigan	Berkshire	168.80	Minnesota	Newaygo	96.37
	Bristol	350.48		Oakland	232.21
	Dukes	235.52		Oceana	87.26
	Essex	500.39		Ogemaw	71.78
	Franklin	146.18		Ontonagon	45.88
	Hampden	176.46		Osceola	68.70
	Hampshire	193.97		Oscoda	71.21
	Middlesex	459.86		Otsego	68.43
	Nantucket	640.68		Ottawa	174.92
	Norfolk	583.45		Presque Isle	58.10
	Plymouth	276.61		Roscommon	71.14
	Suffolk	4,926.45		Saginaw	103.37
	Worcester	224.40		Sanilac	118.81
	Alcona	66.02		Schoolcraft	43.98
	Alger	56.07		Shiawassee	96.91
	Allegan	129.75		St. Clair	101.21
	Alpena	65.89		St. Joseph	128.77
	Antrim	97.08		Tuscola	123.05
	Arenac	75.37		Van Buren	120.41
	Baraga	50.05		Washtenaw	138.01
	Barry	107.81		Wayne	201.60
	Bay	108.83		Wexford	77.13
	Benzie	112.92		Aitkin	49.13
	Berrien	151.46		Anoka	168.14
	Branch	96.26		Becker	75.71
	Calhoun	99.58		Beltrami	47.35
	Cass	107.27		Benton	95.74
	Charlevoix	99.79		Big Stone	108.74
	Cheboygan	67.25		Blue Earth	178.74
	Chippewa	43.95		Brown	153.79
	Clare	76.79		Carlton	52.19
	Clinton	117.70		Carver	161.45
	Crawford	89.59		Cass	53.24
	Delta	52.86		Chippewa	144.03
	Dickinson	59.90		Chisago	121.35
	Eaton	100.84		Clay	98.08
	Emmet	85.63		Clearwater	46.79
	Genesee	104.76		Cook	132.22
	Gladwin	76.39		Cottonwood	153.13
	Gogebic	71.07		Crow Wing	72.12
	Grand Traverse	144.45		Dakota	158.18
	Gratiot	122.17		Dodge	171.35
	Hillsdale	93.28		Douglas	85.78
	Houghton	48.01		Faribault	156.75
	Huron	140.93		Fillmore	127.87
	Ingham	110.49		Freeborn	152.01
	Ionia	112.96		Goodhue	151.00
	Iosco	72.39		Grant	100.80
	Iron	53.87		Hennepin	229.53
Isabella	103.10	Houston	96.23		
Jackson	103.54	Hubbard	62.82		
Kalamazoo	126.03	Isanti	103.79		
Kalkaska	82.45	Itasca	52.51		
Kent	158.67	Jackson	170.30		
Keweenaw	68.16	Kanabec	63.97		
Lake	70.36	Kandiyohi	133.96		
Lapeer	123.86	Kittson	48.88		
Leelanau	182.34	Koochiching	32.79		
Lenawee	109.91	Lac qui Parle	122.26		
Livingston	131.34	Lake	91.56		
Luce	62.17	Lake of the Woods ..	41.53		
Mackinac	56.28	Le Sueur	154.63		
Macomb	149.59	Lincoln	108.08		
Manistee	77.88	Lyon	144.87		
Marquette	55.19	Mahnomen	56.72		
Mason	77.34	Marshall	58.78		
Mecosta	80.93	Martin	170.97		
Menominee	54.35	McLeod	150.10		
Midland	97.52	Meeker	115.95		
Missaukee	81.94	Mille Lacs	76.72		
Monroe	123.32	Morrison	77.31		
Montcalm	90.37	Mower	166.89		
Montmorency	61.56	Murray	157.31		
Muskegon	138.96	Nicollet	180.86		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Mississippi	Nobles	164.94	Missouri	Leake	72.23
	Norman	83.41		Lee	51.59
	Olmsted	152.53		Leflore	54.43
	Otter Tail	69.82		Lincoln	80.86
	Pennington	50.62		Lowndes	57.26
	Pine	56.23		Madison	70.65
	Pipestone	146.33		Marion	80.02
	Polk	80.90		Marshall	53.21
	Pope	102.19		Monroe	47.18
	Ramsey	255.73		Montgomery	47.98
	Red Lake	48.78		Neshoba	83.12
	Redwood	176.30		Newton	56.18
	Renville	168.77		Noxubee	58.30
	Rice	159.75		Oktibbeha	59.42
	Rock	195.95		Panola	51.90
	Roseau	33.10		Pearl River	86.33
	Scott	173.58		Perry	77.22
	Sherburne	119.89		Pike	95.83
	Sibley	167.06		Pontotoc	49.06
	St. Louis	52.40		Prentiss	42.32
	Stearns	108.74		Quitman	54.32
	Steele	167.20		Rankin	80.66
	Stevens	124.52		Scott	68.18
	Swift	142.61		Sharkey	61.84
	Todd	65.88		Simpson	73.88
	Traverse	123.97		Smith	79.75
	Wabasha	130.93		Stone	98.60
	Wadena	49.72		Sunflower	52.64
	Waseca	163.93		Tallahatchie	60.66
	Washington	229.60		Tate	54.16
	Watonwan	170.34		Tippah	43.90
	Wilkin	108.77		Tishomingo	49.97
	Winona	130.62		Tunica	72.87
	Wright	149.43		Union	55.91
	Yellow Medicine	127.59		Walthall	80.73
	Adams	58.54		Warren	50.65
	Alcorn	50.35		Washington	57.36
	Amite	90.78		Wayne	78.60
	Attala	48.59		Webster	48.73
	Benton	43.06		Wilkinson	60.63
	Bolivar	65.25		Winston	58.61
	Calhoun	49.74		Yalobusha	49.10
	Carroll	50.68		Yazoo	56.65
	Chickasaw	49.84		Adair	67.31
	Choctaw	53.21		Andrew	97.64
	Claiborne	54.26		Atchison	133.46
	Clarke	63.60		Audrain	104.91
	Clay	44.21		Barry	69.64
	Coahoma	68.05		Barton	57.77
Copiah	61.68	Bates	62.23		
Covington	79.35	Benton	57.36		
DeSoto	71.25	Bollinger	55.27		
Forrest	92.16	Boone	100.01		
Franklin	69.13	Buchanan	94.72		
George	90.68	Butler	87.38		
Greene	58.67	Caldwell	62.44		
Grenada	49.30	Callaway	89.68		
Hancock	106.93	Camden	59.73		
Harrison	167.22	Cape Girardeau	85.97		
Hinds	61.84	Carroll	86.01		
Holmes	56.58	Carter	45.63		
Humphreys	59.58	Cass	91.05		
Issaquena	51.73	Cedar	50.02		
Itawamba	54.16	Chariton	81.58		
Jackson	101.90	Christian	85.73		
Jasper	53.89	Clark	72.83		
Jefferson	57.16	Clay	117.54		
Jefferson Davis	53.55	Ciinton	94.07		
Jones	86.02	Cole	79.94		
Kemper	46.87	Cooper	77.98		
Lafayette	60.50	Crawford	57.09		
Lamar	97.18	Dade	60.18		
Lauderdale	64.41	Dallas	63.85		
Lawrence	72.53	Daviss	76.40		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	DeKalb	77.33		Taney	53.83
	Dent	43.98		Texas	45.05
	Douglas	44.57		Vernon	59.18
	Dunklin	103.47		Warren	106.49
	Franklin	102.17		Washington	52.66
	Gasconade	67.28		Wayne	41.92
	Gentry	72.35		Webster	71.70
	Greene	101.07		Worth	61.86
	Grundy	63.19	Montana	Wright	49.33
	Harrison	68.44		Beaverhead	24.48
	Henry	58.29		Big Horn	9.69
	Hickory	53.28		Blaine	13.12
	Holt	104.26		Broadwater	25.11
	Howard	69.64		Carbon	25.85
	Howell	51.67		Carter	11.80
	Iron	44.19		Cascade	23.16
	Jackson	110.81		Chouteau	17.62
	Jasper	64.15		Custer	8.84
	Jefferson	93.52		Daniels	11.34
	Johnson	72.59		Dawson	9.83
	Knox	81.82		Deer Lodge	35.41
	Laclede	60.38		Fallon	9.63
	Lafayette	115.96		Fergus	18.99
	Lawrence	70.33		Flathead	109.65
	Lewis	79.42		Gallatin	58.02
	Lincoln	107.04		Garfield	10.84
	Linn	66.32		Glacier	14.99
	Livingston	80.04		Golden Valley	12.38
	Macon	68.00		Granite	28.02
	Madison	50.50		Hill	14.22
	Maries	53.55		Jefferson	24.89
	Marion	97.74		Judith Basin	19.60
	McDonald	63.50		Lake	35.08
	Mercer	60.90		Lewis and Clark	33.27
	Miller	60.96		Liberty	13.34
	Mississippi	113.97		Lincoln	82.39
	Moniteau	74.04		Madison	27.50
	Monroe	85.77		McCone	10.54
	Montgomery	94.76		Meagher	21.11
	Morgan	72.63		Mineral	97.66
	New Madrid	121.72		Missoula	60.79
	Newton	70.74		Musselshell	10.84
	Nodaway	89.23		Park	56.05
	Oregon	42.71		Petroleum	9.63
	Osage	56.20		Phillips	12.63
	Ozark	44.57		Pondera	17.81
	Pemiscot	99.29		Powder River	12.10
	Perry	73.35		Powell	20.78
	Pettis	75.10		Prairie	12.38
	Phelps	63.16		Ravalli	106.63
	Pike	95.00		Richland	13.12
	Platte	106.70		Roosevelt	13.89
	Polk	56.71		Rosebud	9.06
	Pulaski	53.45		Sanders	26.07
	Putnam	56.61		Sheridan	13.01
	Ralls	88.10		Silver Bow	34.45
	Randolph	72.18		Stillwater	30.66
	Ray	74.93		Sweet Grass	23.60
	Reynolds	40.14		Teton	23.08
	Ripley	49.23		Toole	15.75
	Saline	110.40		Treasure	11.03
	Schuyler	61.10		Valley	10.90
	Scotland	80.59		Wheatland	11.25
	Scott	111.91		Wibaux	10.27
	Shannon	45.83		Yellowstone	16.77
	Shelby	97.50	Nebraska	Adams	134.40
	St Louis	113.28		Antelope	108.33
	St. Charles	116.37		Arthur	10.76
	St. Clair	45.46		Banner	19.61
	St. Francois	68.96		Blaine	13.05
	Ste. Genevieve	63.26		Boone	112.25
	Stoddard	120.56		Box Butte	27.19
	Stone	65.01		Boyd	35.02
	Sullivan	50.98		Brown	18.24

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Buffalo	95.18		Stanton	111.42
	Burt	132.84		Thayer	104.99
	Butler	126.00		Thomas	12.80
	Cass	147.52		Thurston	128.58
	Cedar	112.25		Valley	56.25
	Chase	50.07		Washington	153.41
	Cherry	13.53		Wayne	111.35
	Cheyenne	22.73		Webster	72.07
	Clay	130.71		Wheeler	31.20
	Colfax	134.75		York	143.41
	Cuming	136.60	Nevada	Carson City	53.84
	Custer	48.32		Churchill	19.52
	Dakota	122.21		Clark	45.04
	Dawes	18.94		Douglas	23.15
	Dawson	79.11		Elko	3.97
	Deuel	25.44		Esmeralda	14.38
	Dixon	105.62		Eureka	5.19
	Dodge	142.90		Humboldt	7.96
	Douglas	158.34		Lander	5.96
	Dundy	34.60		Lincoln	23.33
	Fillmore	140.39		Lyon	17.61
	Franklin	75.61		Mineral	3.44
	Frontier	37.37		Nye	17.17
	Furnas	59.62		Pershing	7.49
	Gage	88.91		Storey	308.06
	Garden	15.57		Washoe	6.53
	Garfield	25.24		White Pine	6.56
	Gosper	80.60	New Hampshire	Belknap	143.30
	Grant	14.07		Carroll	124.64
	Greeley	82.23		Cheshire	76.80
	Hall	113.84		Coos	62.60
	Hamilton	164.17		Grafton	78.01
	Harlan	78.50		Hillsborough	170.39
	Hayes	32.95		Merrimack	104.25
	Hitchcock	32.85		Rockingham	194.85
	Holt	53.29		Strafford	128.64
	Hooker	11.27		Sullivan	103.30
	Howard	75.10	New Jersey	Atlantic	307.49
	Jefferson	100.02		Bergen	1,051.95
	Johnson	64.81		Burlington	241.76
	Kearney	134.53		Camden	314.04
	Keith	47.34		Cape May	287.87
	Keya Paha	19.74		Cumberland	200.54
	Kimball	22.09		Essex	1,584.16
	Knox	70.64		Gloucester	297.23
	Lancaster	116.64		Hudson	319.28
	Lincoln	36.58		Hunterdon	409.35
	Logan	28.94		Mercer	506.91
	Loup	18.88		Middlesex	491.34
	Madison	122.69		Monmouth	538.64
	McPherson	11.40		Morris	577.73
	Merrick	97.73		Ocean	385.52
	Morrill	23.49		Passaic	778.78
	Nance	87.03		Salem	197.05
	Nemaha	103.59		Somerset	511.59
	Nuckolls	96.07		Sussex	266.37
	Otoe	109.38		Union	3,146.99
	Pawnee	65.90		Warren	255.33
	Perkins	57.84	New Mexico	Bernalillo	22.08
	Phelps	114.70		Catron	8.32
	Pierce	110.11		Chaves	7.01
	Platte	129.56		Cibola	6.09
	Polk	151.34		Colfax	7.72
	Red Willow	40.59		Curry	11.27
	Richardson	97.09		De Baca	4.82
	Rock	27.44		Dona Ana	34.86
	Saline	122.69		Eddy	8.71
	Sarpy	151.75		Grant	7.30
	Saunders	134.15		Guadalupe	5.18
	Scotts Bluff	47.56		Harding	5.50
	Seward	128.13		Hidalgo	4.82
	Sheridan	17.64		Lea	6.60
	Sherman	60.33		Lincoln	6.89
	Sioux	14.58		Los Alamos	297.31

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
New York	Luna	8.25	North Carolina	Washington	65.87
	McKinley	6.13		Wayne	67.29
	Mora	10.81		Westchester	437.15
	Otero	8.18		Wyoming	71.06
	Quay	6.52		Yates	107.40
	Rio Arriba	14.09		Alamance	128.17
	Roosevelt	9.49		Alexander	161.71
	San Juan	6.77		Alleghany	130.55
	San Miguel	7.35		Anson	101.26
	Sandoval	10.17		Ashe	154.61
	Santa Fe	16.48		Avery	189.41
	Sierra	5.57		Beaufort	83.08
	Socorro	9.59		Bertie	73.47
	Taos	22.83		Bladen	89.47
	Torrance	7.08		Brunswick	116.96
	Union	7.16		Buncombe	233.82
	Valencia	18.35		Burke	144.55
	Albany	84.13		Cabarrus	199.12
	Allegany	47.51		Caldwell	150.09
	Bronx	70.59		Camden	77.24
	Broome	71.20		Carteret	89.37
	Cattaraugus	51.34		Caswell	78.22
	Cayuga	87.28		Catawba	146.80
	Chautauqua	56.06		Chatham	134.87
	Chemung	65.36		Cherokee	156.21
	Chenango	49.82		Chowan	86.14
	Clinton	54.98		Clay	135.65
	Columbia	141.78		Cleveland	111.90
	Cortland	51.75		Columbus	82.44
	Delaware	67.67		Craven	84.10
	Dutchess	140.83		Cumberland	84.85
	Erie	80.32		Currituck	111.12
	Essex	57.28		Dare	104.86
	Franklin	45.61		Davidson	166.84
	Fulton	58.30		Davie	167.93
	Genesee	71.47		Duplin	110.81
	Greene	101.43		Durham	233.17
	Hamilton	49.48		Edgecombe	71.60
	Herkimer	52.33		Forsyth	225.87
	Jefferson	44.52		Franklin	116.11
	Kings	21,514.93		Gaston	164.80
	Lewis	45.34		Gates	94.60
	Livingston	78.66		Graham	163.82
	Madison	55.45		Granville	111.66
	Monroe	96.41		Greene	106.02
	Montgomery	62.41		Guilford	168.13
Nassau	497.69	Halifax	64.46		
New York	70.59	Harnett	145.40		
Niagara	62.24	Haywood	172.18		
Oneida	54.06	Henderson	212.24		
Onondaga	85.65	Hertford	65.04		
Ontario	87.49	Hoke	87.09		
Orange	150.33	Hyde	66.87		
Orleans	70.52	Iredell	163.48		
Oswego	54.91	Jackson	262.50		
Otsego	60.95	Johnston	132.73		
Putnam	148.43	Jones	72.51		
Queens	139.20	Lee	113.63		
Rensselaer	93.29	Lenoir	91.75		
Richmond	4,786.53	Lincoln	151.45		
Rockland	2,351.47	Macon	207.45		
Saratoga	130.07	Madison	147.17		
Schenectady	93.76	Martin	76.63		
Schoharie	61.86	McDowell	156.82		
Schuyler	77.58	Mecklenburg	559.76		
Seneca	79.95	Mitchell	143.30		
St. Lawrence	38.48	Montgomery	111.42		
Steuben	49.78	Moore	144.76		
Suffolk	317.57	Nash	103.64		
Sullivan	99.97	New Hanover	386.87		
Tioga	53.41	Northampton	71.15		
Tompkins	74.86	Onslow	103.81		
Ulster	136.89	Orange	181.93		
Warren	108.52	Pamlico	78.22		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Pasquotank	85.87		Slope	23.78
	Pender	114.96		Stark	37.86
	Perquimans	88.21		Steele	51.60
	Person	103.23		Stutsman	48.70
	Pitt	86.48		Towner	35.77
	Polk	199.33		Trail	80.92
	Randolph	130.28		Walsh	66.31
	Richmond	111.97		Ward	42.88
	Robeson	79.85		Wells	45.11
	Rockingham	109.96		Williams	20.78
	Rowan	153.80	Ohio	Adams	79.70
	Rutherford	109.69		Allen	147.11
	Sampson	108.06		Ashland	127.45
	Scotland	97.86		Ashtabula	91.19
	Stanly	139.76		Athens	77.44
	Stokes	104.59		Auglaize	168.28
	Surry	124.71		Belmont	93.10
	Swain	171.02		Brown	100.30
	Transylvania	240.24		Butler	162.74
	Tyrrell	69.18		Carroll	103.51
	Union	153.52		Champaign	149.20
	Vance	94.06		Clark	143.04
	Wake	260.29		Clermont	142.17
	Warren	69.66		Clinton	138.17
	Washington	82.03		Columbiana	135.35
	Watauga	203.17		Coshocton	95.50
	Wayne	112.10		Crawford	130.34
	Wilkes	131.64		Cuyahoga	476.46
	Wilson	103.78		Darke	197.61
	Yadkin	143.19		Defiance	124.81
	Yancey	176.22		Delaware	165.32
North Dakota	Adams	22.49		Erie	131.07
	Barnes	62.34		Fairfield	132.88
	Benson	36.05		Fayette	152.37
	Billings	21.96		Franklin	171.27
	Bottineau	37.69		Fulton	154.70
	Bowman	20.99		Gallia	90.59
	Burke	23.39		Geauga	197.51
	Burleigh	39.26		Greene	167.41
	Cass	79.91		Guernsey	79.94
	Cavalier	53.06		Hamilton	202.77
	Dickey	62.86		Hancock	131.73
	Divide	18.02		Hardin	136.08
	Dunn	25.45		Harrison	83.74
	Eddy	37.30		Henry	157.17
	Emmons	32.84		Highland	100.76
	Foster	52.09		Hocking	99.82
	Golden Valley	23.50		Holmes	162.12
	Grand Forks	58.61		Huron	124.88
	Grant	25.73		Jackson	65.78
	Griggs	50.87		Jefferson	76.71
	Hettinger	31.27		Knox	133.05
	Kidder	25.80		Lake	210.21
	LaMoure	60.31		Lawrence	67.97
	Logan	28.52		Licking	136.26
	McHenry	25.07		Logan	138.62
	McIntosh	32.81		Lorain	130.79
	McKenzie	20.57		Lucas	160.86
	McLean	36.61		Madison	141.79
	Mercer	26.57		Mahoning	138.31
	Morton	28.52		Marion	132.88
	Mountrail	25.38		Medina	177.15
	Nelson	32.77		Meigs	67.59
	Oliver	28.48		Mercer	218.67
	Pembina	71.89		Miami	158.77
	Pierce	28.66		Monroe	64.25
	Ramsey	38.84		Montgomery	163.09
	Ransom	50.97		Morgan	66.89
	Renville	45.11		Morrow	130.37
	Richland	82.84		Muskingum	90.84
	Rolette	31.34		Noble	70.93
	Sargent	66.17		Ottawa	132.32
	Sheridan	26.08		Paulding	134.97
	Sioux	24.93		Perry	100.93

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Oklahoma	Pickaway	133.44	Oregon	Muskogee	48.69
	Pike	88.44		Noble	39.31
	Portage	144.64		Nowata	45.72
	Preble	146.35		Okfuskee	35.20
	Putnam	140.01		Okiahoma	85.48
	Richland	138.17		Okmulgee	49.69
	Ross	100.44		Osage	29.10
	Sandusky	131.11		Ottawa	63.62
	Scioto	78.31		Pawnee	36.72
	Seneca	135.66		Payne	52.17
	Shelby	165.73		Pittsburg	37.55
	Stark	153.52		Pontotoc	48.51
	Summit	235.31		Pottawatomie	48.44
	Trumbull	111.58		Pushmataha	31.38
	Tuscarawas	106.67		Roger Mills	28.45
	Union	143.01		Rogers	67.96
	Van Wert	174.75		Seminole	38.93
	Vinton	67.59		Sequoyah	55.24
	Warren	199.08		Stephens	34.96
	Washington	74.51		Texas	22.07
	Wayne	173.67		Tillman	27.69
	Williams	106.57		Tulsa	100.27
	Wood	162.08		Wagoner	66.96
	Wyandot	140.01		Washington	46.13
	Adair	54.58		Washita	33.07
	Alfalfa	39.20		Woods	29.93
	Atoka	38.51		Woodward	30.55
	Beaver	18.41		Baker	19.91
	Beckham	30.48		Benton	116.51
	Blaine	32.83		Clackamas	264.85
	Bryan	48.86		Clatsop	108.95
	Caddo	36.89		Columbia	107.87
	Canadian	53.13		Coos	63.33
	Carter	43.55		Crook	17.85
	Cherokee	65.37		Curry	66.92
	Choctaw	40.58		Deschutes	137.76
	Cimarron	13.93		Douglas	60.56
	Cleveland	86.20		Gilliam	9.77
	Coal	34.76		Grant	15.81
	Comanche	38.10		Harney	10.75
	Cotton	31.07		Hood River	373.13
	Craig	43.93		Jackson	91.96
	Creek	49.31		Jefferson	12.59
	Custer	36.96		Josephine	197.42
	Delaware	63.96		Klamath	28.97
	Dewey	27.93		Lake	19.98
	Ellis	22.00		Lane	134.01
Garfield	39.55	Lincoln	94.17		
Garvin	43.58	Linn	95.05		
Grady	44.41	Malheur	23.05		
Grant	37.65	Marion	155.98		
Greer	23.62	Morrow	18.68		
Harmon	26.27	Multnomah	234.24		
Harper	21.00	Polk	120.61		
Haskell	41.76	Sherman	11.71		
Hughes	34.41	Tillamook	122.91		
Jackson	27.62	Umatilla	32.06		
Jefferson	27.89	Union	30.39		
Johnston	37.07	Wallowa	24.79		
Kay	37.31	Wasco	14.78		
Kingfisher	37.58	Washington	184.04		
Kiowa	26.52	Wheeler	12.72		
Latimer	36.76	Yamhill	179.94		
Le Flore	54.75	Adams	171.11		
Lincoln	47.55	Allegheny	144.65		
Logan	51.96	Armstrong	78.93		
Love	47.72	Beaver	132.02		
Major	30.96	Bedford	101.38		
Marshall	46.13	Berks	243.22		
Mayes	58.27	Blair	125.33		
McClain	56.34	Bradford	101.69		
McCurtain	48.07	Bucks	337.15		
McIntosh	42.51	Butler	130.34		
Murray	38.24	Cambria	89.98		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Cameron	53.67		Chesterfield	74.34
	Carbon	179.76		Clarendon	49.95
	Centre	148.70		Colleton	73.22
	Chester	358.84		Darlington	66.91
	Clarion	81.03		Dillon	70.65
	Clearfield	72.72		Dorchester	93.38
	Clinton	148.63		Edgefield	80.25
	Columbia	128.83		Fairfield	75.77
	Crawford	77.49		Florence	60.13
	Cumberland	213.94		Georgetown	63.89
	Dauphin	124.68		Greenville	176.38
	Delaware	378.81		Greenwood	65.35
	Elk	93.90		Hampton	65.08
	Erie	94.38		Horry	81.88
	Fayette	91.18		Jasper	73.77
	Forest	66.10		Kershaw	83.00
	Franklin	182.47		Lancaster	106.85
	Fulton	99.90		Laurens	91.99
	Greene	82.57		Lee	61.48
	Huntingdon	105.22		Lexington	108.14
	Indiana	76.84		Marion	63.18
	Jefferson	71.28		Marlboro	58.87
	Juniata	138.34		McCormick	47.98
	Lackawanna	134.36		Newberry	73.60
	Lancaster	343.98		Oconee	144.07
	Lawrence	112.70		Orangeburg	68.61
	Lebanon	289.99		Pickens	151.33
	Lehigh	228.67		Richland	95.31
	Luzerne	123.24		Saluda	77.43
	Lycoming	117.10		Spartanburg	134.74
	McKean	56.63		Sumter	62.98
	Mercer	93.90		Union	59.79
	Mifflin	134.74		Williamsburg	56.63
	Monroe	215.80		York	136.57
	Montgomery	385.78	South Dakota	Aurora	65.71
	Montour	150.52		Beadle	79.69
	Northampton	225.61		Bennett	15.72
	Northumberland	134.46		Bon Homme	81.26
	Perry	138.68		Brookings	118.58
	Philadelphia	1,244.74		Brown	81.19
	Pike	50.38		Brule	63.38
	Potter	75.47		Buffalo	32.91
	Schuylkill	176.71		Butte	17.22
	Snyder	159.79		Campbell	35.48
	Somerset	72.24		Charles Mix	65.47
	Sullivan	84.66		Clark	70.51
	Susquehanna	111.98		Clay	123.07
	Tioga	94.38		Codington	74.68
	Union	148.02		Corson	18.19
	Venango	84.90		Custer	31.90
	Warren	64.42		Davison	94.41
	Washington	125.13		Day	53.19
	Wayne	102.41		Deuel	82.13
	Westmoreland	130.62		Dewey	15.93
	Wyoming	110.13		Douglas	79.41
	York	207.22		Edmunds	61.01
Puerto Rico	All Areas	177.77		Fall River	14.33
Rhode Island	Bristol	605.22		Faulk	54.13
	Kent	204.20		Grant	83.27
	Newport	526.63		Gregory	33.98
	Providence	343.71		Haakon	16.73
	Washington	280.98		Hamlin	99.42
South Carolina	Abbeville	75.33		Hand	53.08
	Aiken	103.15		Hanson	104.22
	Allendale	60.02		Harding	11.69
	Anderson	118.56		Hughes	54.61
	Bamberg	60.13		Hutchinson	91.48
	Barnwell	66.17		Hyde	38.68
	Beaufort	91.82		Jackson	22.12
	Berkeley	96.84		Jerauld	54.75
	Calhoun	75.84		Jones	20.24
	Charleston	169.22		Kingsbury	92.35
	Cherokee	82.32		Lake	113.57
	Chester	76.55		Lawrence	39.48

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Tennessee	Lincoln	151.38	Texas	Lauderdale	86.92
	Lyman	27.90		Lawrence	73.61
	Marshall	62.20		Lewis	72.33
	McCook	118.20		Lincoln	93.69
	McPherson	42.58		Loudon	150.70
	Meade	18.75		Macon	95.15
	Mellette	19.90		Madison	70.04
	Miner	89.40		Marion	81.78
	Minnehaha	143.21		Marshall	83.86
	Moody	141.75		Maury	101.41
	Pennington	19.44		McMinn	113.88
	Perkins	14.96		McNairy	59.96
	Potter	55.62		Meigs	97.83
	Roberts	70.44		Monroe	125.27
	Sanborn	66.16		Montgomery	119.78
	Shannon	12.80		Moore	98.04
	Spink	82.82		Morgan	95.26
	Stanley	25.53		Obion	88.55
	Sully	43.41		Overton	90.32
	Todd	14.23		Perry	55.06
	Tripp	31.10		Pickett	80.74
	Turner	120.11		Polk	124.23
	Union	139.49		Putnam	120.30
	Walworth	41.22		Rhea	97.24
	Yankton	115.28		Roane	141.32
	Ziebach	13.22		Robertson	135.31
	Anderson	162.76		Rutherford	135.55
	Bedford	106.20		Scott	78.48
	Benton	62.29		Sequatchie	89.94
	Bledsoe	97.44		Sevier	164.70
	Blount	189.30		Shelby	127.46
	Bradley	151.15		Smith	73.86
	Campbell	103.84		Stewart	73.06
	Cannon	86.09		Sullivan	153.58
	Carroll	68.09		Sumner	135.17
	Carter	145.56		Tipton	82.47
	Cheatham	118.67		Trousdale	107.10
	Chester	53.57		Unicoi	153.17
	Claiborne	85.22		Union	80.25
	Clay	77.23		Van Buren	103.42
	Cocke	101.93		Warren	99.18
	Coffee	98.38		Washington	178.35
	Crockett	78.82		Wayne	55.97
	Cumberland	105.82		Weakley	82.72
	Davidson	172.90		White	104.67
	Decatur	59.75		Williamson	205.00
DeKalb	89.18	Wilson	123.19		
Dickson	92.51	Anderson	64.80		
Dyer	69.69	Andrews	8.68		
Fayette	87.30	Angelina	83.64		
Fentress	89.14	Aransas	45.13		
Franklin	108.32	Archer	26.06		
Gibson	85.88	Armstrong	27.85		
Giles	81.64	Atascosa	51.89		
Grainger	105.68	Austin	108.24		
Greene	112.63	Bailey	21.32		
Grundy	79.59	Bandera	71.36		
Hamblen	130.13	Bastrop	99.00		
Hamilton	157.13	Baylor	27.52		
Hancock	63.85	Bee	49.44		
Hardeman	70.97	Bell	81.12		
Hardin	70.35	Bexar	113.41		
Hawkins	97.90	Blanco	125.23		
Haywood	100.26	Borden	15.50		
Henderson	61.35	Bosque	64.10		
Henry	77.23	Bowie	60.10		
Hickman	66.53	Brazoria	80.43		
Houston	63.05	Brazos	99.90		
Humphreys	79.03	Brewster	12.42		
Jackson	80.42	Briscoe	22.09		
Jefferson	150.08	Brooks	28.15		
Johnson	132.39	Brown	54.20		
Knox	213.16	Burleson	76.09		
Lake	91.47	Burnet	88.04		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Caldwell	87.58		Harrison	75.36
	Calhoun	46.49		Hartley	26.62
	Callahan	40.00		Haskell	19.60
	Cameron	77.81		Hays	164.24
	Camp	68.94		Hemphill	19.60
	Carson	24.37		Henderson	78.91
	Cass	54.57		Hidalgo	80.46
	Castro	29.07		Hill	59.67
	Chambers	52.88		Hockley	27.48
	Cherokee	65.43		Hood	108.21
	Childress	20.36		Hopkins	58.64
	Clay	41.79		Houston	59.44
	Cochran	17.81		Howard	20.10
	Coke	27.68		Hudspeth	14.90
	Coleman	40.07		Hunt	80.96
	Collin	140.46		Hutchinson	20.20
	Collingsworth	22.05		Irion	24.87
	Colorado	87.65		Jack	51.82
	Comal	139.00		Jackson	55.99
	Comanche	63.61		Jasper	83.41
	Concho	41.92		Jeff Davis	12.71
	Cooke	86.55		Jefferson	43.91
	Coryell	64.44		Jim Hogg	35.36
	Cottle	16.39		Jim Wells	48.41
	Crane	15.63		Johnson	108.01
	Crockett	16.69		Jones	29.47
	Crosby	22.65		Karnes	68.81
	Culberson	9.07		Kaufman	90.03
	Dallam	24.97		Kendall	126.82
	Dallas	122.15		Kenedy	17.42
	Dawson	20.89		Kent	22.62
	Deaf Smith	26.19		Kerr	69.77
	Delta	48.38		Kimble	46.95
	Denton	161.88		King	16.09
	DeWitt	69.20		Kinney	31.85
	Dickens	19.40		Kleberg	49.90
	Dimmit	41.29		Knox	20.46
	Donley	28.54		La Salle	51.72
	Duval	34.57		Lamar	57.28
	Eastland	52.65		Lamb	30.66
	Ector	12.81		Lampasas	66.52
	Edwards	33.28		Lavaca	77.65
	El Paso	51.32		Lee	84.73
	Ellis	84.27		Leon	66.39
	Erath	85.16		Liberty	66.36
	Falls	51.59		Limestone	50.10
	Fannin	67.85		Lipscomb	21.39
	Fayette	112.18		Live Oak	50.76
	Fisher	28.67		Llano	71.65
	Floyd	30.33		Loving	5.26
	Foard	19.57		Lubbock	49.07
	Fort Bend	108.47		Lynn	23.84
	Franklin	75.99		Madison	74.14
	Freestone	55.63		Marion	58.91
	Frio	54.10		Martin	27.35
	Gaines	25.69		Mason	62.71
	Galveston	95.46		Matagorda	52.52
	Garza	18.38		Maverick	31.22
	Gillespie	112.85		McCulloch	49.07
	Glasscock	23.71		McLennan	68.64
	Goliad	54.77		McMullen	37.22
	Gonzales	85.59		Medina	68.81
	Gray	23.51		Menard	38.64
	Grayson	99.53		Midland	37.95
	Gregg	102.81		Milam	94.87
	Grimes	102.38		Mills	58.87
	Guadalupe	95.23		Mitchell	20.89
	Hale	31.39		Montague	66.22
	Hall	20.43		Montgomery	156.42
	Hamilton	65.76		Moore	24.87
	Hansford	24.50		Morris	55.63
	Hardeman	23.18		Motley	19.54
	Hardin	81.92		Nacogdoches	66.79
	Harris	141.52		Navarro	54.37

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Newton	53.08		Wood	75.56
	Nolan	29.77		Yoakum	21.42
	Nueces	41.03		Young	36.65
	Ochiltree	26.52		Zapata	30.96
	Oldham	15.63	Utah	Zavala	40.66
	Orange	88.01		Beaver	21.68
	Palo Pinto	63.77		Box Elder	13.05
	Panola	55.66		Cache	38.30
	Parker	132.78		Carbon	13.21
	Parmer	27.55		Daggett	23.19
	Pecos	13.44		Davis	70.37
	Polk	72.38		Duchesne	9.04
	Potter	14.50		Emery	18.45
	Presidio	12.22		Garfield	24.68
	Rains	66.82		Grand	6.28
	Randall	26.59		Iron	20.47
	Reagan	12.88		Juab	13.02
	Real	39.14		Kane	15.30
	Red River	44.04		Millard	15.25
	Reeves	7.12		Morgan	17.09
	Refugio	24.17		Piute	31.82
	Roberts	17.42		Rich	10.92
	Robertson	63.41		Salt Lake	51.35
	Rockwall	154.60		San Juan	4.06
	Runnels	34.27		Sanpete	23.36
	Rusk	57.91		Sevier	32.77
	Sabine	71.99		Summit	24.76
	San Augustine	61.19		Tooele	12.96
	San Jacinto	75.10		Uintah	6.87
	San Patricio	42.32		Utah	57.86
	San Saba	64.57		Wasatch	41.43
	Schleicher	24.54		Washington	39.68
	Scurry	22.52		Wayne	43.82
	Shackelford	28.94	Vermont	Weber	63.20
	Shelby	77.55		Addison	83.29
	Sherman	28.54		Bennington	114.28
	Smith	100.30		Caledonia	87.09
	Somervell	103.14		Chittenden	117.60
	Starr	46.89		Essex	50.97
	Stephens	37.05		Franklin	76.66
	Sterling	13.97		Grand Isle	104.16
	Stonewall	19.04		Lamoille	99.74
	Sutton	25.00		Orange	84.76
	Swisher	24.40		Orleans	66.56
	Tarrant	167.91		Rutland	74.36
	Taylor	30.00		Washington	109.80
	Terrell	10.30		Windham	109.39
	Terry	30.16	Virginia	Windsor	103.85
	Throckmorton	31.75		Accomack	101.16
	Titus	68.21		Albemarle	241.69
	Tom Green	30.20		Alleghany	85.77
	Travis	101.65		Amelia	84.60
	Trinity	61.39		Amherst	100.64
	Tyler	77.45		Appomattox	78.60
	Upshur	75.83		Arlington	1,484.00
	Upton	15.56		Augusta	172.69
	Uvalde	52.95		Bath	115.00
	Val Verde	15.10		Bedford	122.28
	Van Zandt	84.53		Bland	89.02
	Victoria	60.73		Botetourt	120.62
	Walker	88.18		Brunswick	57.62
	Waller	165.43		Buchanan	72.94
	Ward	9.80		Buckingham	84.95
	Washington	146.98		Campbell	82.39
	Webb	28.67		Caroline	113.93
	Wharton	67.32		Carroll	94.02
	Wheeler	21.75		Charles City	103.68
	Wichita	31.59		Charlotte	62.69
	Wilbarger	26.49		Chesapeake City	120.21
	Willacy	48.41		Chesterfield	147.09
	Williamson	102.91		Clarke	217.51
	Wilson	79.14		Craig	87.50
	Winkler	9.60		Culpeper	178.03
	Wise	101.06		Cumberland	99.02

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Dickenson	81.91		Benton	46.38
	Dinwiddie	82.88		Chelan	148.43
	Essex	84.05		Ciallam	211.18
	Fairfax	418.35		Clark	214.38
	Fauquier	219.02		Columbia	18.24
	Floyd	99.99		Cowlitz	147.29
	Fluvanna	140.70		Douglas	17.26
	Franklin	97.82		Ferry	7.20
	Frederick	162.92		Franklin	49.60
	Giles	72.94		Garfield	16.05
	Gloucester	138.77		Grant	58.08
	Goochland	150.64		Grays Harbor	35.62
	Grayson	115.79		Island	241.22
	Greene	189.90		Jefferson	154.80
	Greensville	56.00		King	363.15
	Halifax	63.42		Kitsap	448.10
	Hanover	153.64		Kittitas	74.91
	Henrico	181.55		Klickitat	24.15
	Henry	74.53		Lewis	106.64
	Highland	93.30		Lincoln	18.85
	Isle of Wight	98.16		Mason	140.55
	James City	241.97		Okanogan	22.47
	King and Queen	85.26		Pacific	58.56
	King George	138.91		Pend Oreille	51.74
	King William	103.06		Pierce	240.99
	Lancaster	126.38		San Juan	224.13
	Lee	60.79		Skagit	128.52
	Loudoun	330.61		Skamania	172.26
	Louisa	157.95		Snohomish	272.01
	Lunenburg	65.69		Spokane	48.18
	Madison	174.34		Stevens	26.64
	Mathews	170.93		Thurston	147.22
	Mecklenburg	71.08		Wahkiakum	79.51
	Middlesex	106.41		Walla Walla	35.35
	Montgomery	134.63		Whatcom	195.77
	Nelson	126.45		Whitman	23.68
	New Kent	152.50		Yakima	30.54
	Northampton	119.21	West Virginia	Barbour	54.34
	Northumberland	82.84		Berkeley	160.05
	Nottoway	86.12		Boone	48.26
	Orange	186.21		Braxton	45.45
	Page	162.34		Brooke	54.14
	Patrick	92.09		Cabell	83.32
	Pittsylvania	67.07		Calhoun	42.29
	Powhatan	158.13		Clay	52.05
	Prince Edward	88.40		Doddridge	52.33
	Prince George	116.00		Fayette	68.31
	Prince William	243.66		Gilmer	40.93
	Pulaski	84.84		Grant	66.09
	Rappahannock	233.03		Greenbrier	78.88
	Richmond	79.56		Hampshire	100.11
	Roanoke	118.00		Hancock	81.52
	Rockbridge	118.59		Hardy	78.88
	Rockingham	194.73		Harrison	58.90
	Russell	59.93		Jackson	61.36
	Scott	57.31		Jefferson	191.04
	Shenandoah	154.02		Kanawha	60.18
	Smyth	76.98		Lewis	54.73
	Southampton	73.63		Lincoln	56.19
	Spotsylvania	169.20		Logan	54.17
	Stafford	253.04		Marion	59.90
	Suffolk	124.80		Marshall	61.12
	Surry	98.85		Mason	58.76
	Sussex	62.86		McDowell	66.68
	Tazewell	61.14		Mercer	61.78
	Virginia Beach City	146.78		Mineral	83.57
	Warren	197.01		Mingo	39.40
	Washington	108.65		Monongalia	85.90
	Westmoreland	98.71		Monroe	63.45
	Wise	76.08		Morgan	124.26
	Wythe	93.47		Nicholas	70.95
	York	137.77		Ohio	64.28
Washington	Adams	20.86		Pendleton	64.66
	Asotin	14.42		Pleasants	53.72

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State	County	Fee/acre/yr
	Pocahontas	61.19
	Preston	68.59
	Putnam	71.06
	Raleigh	69.15
	Randolph	50.45
	Ritchie	44.44
	Roane	47.71
	Summers	61.09
	Taylor	68.97
	Tucker	85.03
	Tyler	51.04
	Upshur	64.49
	Wayne	52.26
	Webster	60.98
	Wetzel	50.77
	Wirt	45.66
	Wood	64.84
Wisconsin	Wyoming	57.61
	Adams	105.88
	Ashland	50.26
	Barron	76.40
	Bayfield	55.45
	Brown	148.09
	Buffalo	91.86
	Burnett	67.12
	Calumet	150.69
	Chippewa	74.46
	Clark	85.34
	Columbia	137.65
	Crawford	73.88
	Dane	165.36
	Dodge	146.18
	Door	111.11
	Douglas	47.43
	Dunn	90.53
	Eau Claire	81.96
	Florence	85.03
	Fond du Lac	136.53
	Forest	56.20
	Grant	113.63
	Green	119.43
	Green Lake	124.04
	Iowa	108.96
	Iron	62.99
	Jackson	84.42
	Jefferson	141.51
	Juneau	84.05
	Kenosha	137.52
	Kewaunee	118.78
	La Crosse	91.31
	Lafayette	133.63
	Langlade	75.58
	Lincoln	67.46
	Manitowoc	144.10
	Marathon	79.61
	Marquette	82.85
	Marquette	93.60
	Menominee	35.08
	Milwaukee	258.21
	Monroe	87.53
	Oconto	89.33
	Oneida	114.38
	Outagamie	143.90
	Ozaukee	153.08
	Pepin	89.71
	Pierce	108.03
	Polk	77.84
	Portage	89.88
	Price	51.90
	Racine	148.78
	Richland	82.20
	Rock	150.76
	Rusk	55.59
	Sauk	105.95

State	County	Fee/acre/yr
	Sawyer	62.58
	Shawano	98.07
	Sheboygan	143.11
	St. Croix	114.72
	Taylor	59.75
	Trempealeau	87.29
	Vernon	90.12
	Vilas	146.12
	Walworth	167.44
	Washburn	67.77
	Washington	159.22
	Waukesha	178.19
	Waupaca	104.86
	Waushara	94.42
	Winnebago	114.76
	Wood	85.92
Wyoming	Albany	9.82
	Big Horn	26.66
	Campbell	10.10
	Carbon	9.82
	Converse	6.59
	Crook	15.49
	Fremont	15.18
	Goshen	13.57
	Hot Springs	12.19
	Johnson	10.60
	Laramie	12.54
	Lincoln	31.41
	Natrona	10.89
	Niobrara	9.36
	Park	24.45
	Platte	12.54
	Sheridan	14.38
	Sublette	23.47
	Sweetwater	3.53
	Teton	55.52
	Uinta	12.83
	Washakie	15.49
	Weston	8.16

[83 FR 10569, Mar. 12, 2018]

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.