

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

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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 licenses 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. 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; Order 857, 84 FR 7991, Mar. 6, 2019]

#### § 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.

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(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 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 within Indian reservations but licenses may be issued without charges other than for such use for the development, transmission, or distribution of power for domestic, mining, or other beneficial use in minor projects.

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

#### § 11.6 Exemption of State and municipal licensees and exemptees.

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

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

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

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

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

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

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

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

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

(e) *Sales for resale.* Notwithstanding compliance by a State or municipal licensee with the requirements of paragraph (d) of this section, it shall be subject to the payment of annual charges to the extent that electric power generated, transmitted, or distributed by the project is sold to another State, municipality, person, or

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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,

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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 per-

centage of the total remaining benefits.

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

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

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

(10) *Party* means:

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

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

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

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

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

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

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

(i) Project construction costs, including cost of land, labor and materials, cost of pre- and post-authorization investigations, and cost of engineering, supervision, and administration during construction of the project; and



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(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<sub>p</sub> = annual section 10(f) cost of the headwater project,

E<sub>n</sub> = annual energy gains received at a downstream project, or group of projects if owned by one entity,

E<sub>d</sub> = annual energy gains received at all downstream projects (except those specified in § 11.10(b) of this chapter), and

E<sub>j</sub> = portion of the annual energy generated at the headwater project assigned to the joint-use power cost.

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

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

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

### § 11.12 Determination of section 10(f) costs.

(a) *for non-Federal headwater projects.* If the headwater project was constructed by a licensee or pre-1920 permittee and a party requests the Commission to determine charges, the Commission will determine on a case-by-case basis what portion of the annual interest, maintenance, and depreciation costs of the headwater project constitutes the section 10(f) costs, for purposes of this subpart.

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

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

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

- (i) The cost of generating an equivalent amount of electricity at the most likely alternative facility at the time the headwater project became operational; or
- (ii) The incremental cost of installing electrical generation at the headwater project at the time the project became operational.

#### § 11.13 Energy gains calculations.

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

ice, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161.

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

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

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

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

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

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

In which:

- $E_j$  = annual energy generated at the headwater project to be attributed to the joint-use power cost,
- $E$  = total annual generation at the headwater project,
- $C_j$  = project investment costs assigned to the joint-use power cost, and

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$C_s$  = project investment costs assigned to specific power costs.

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

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

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

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

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

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

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

### § 11.15 Procedures for determining charges by energy gains investigation.

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

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

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

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

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

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

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

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

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

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

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

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

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

#### § 11.16 Filing requirements.

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

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

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

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

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

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

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

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

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

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

hours, not including energy from pumped storage operation.

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

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

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

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

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

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

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

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

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

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

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

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

**§ 11.17 Procedures for payment of charges and costs.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Subpart C—General Procedures**

**§ 11.20 Time for payment.**

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

[60 FR 15048, Mar. 22, 1995]

**§ 11.21 Penalties.**

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

[51 FR 24318, July 3, 1986]

APPENDIX A TO PART 11—FEE SCHEDULE FOR FY 2021

State	County	Fee/acre/yr
Alabama .....	Autauga .....	\$58.11
	Baldwin .....	153.43
	Barbour .....	58.84
	Bibb .....	73.97
	Blount .....	94.92
	Bullock .....	56.45
	Butler .....	64.67
	Calhoun .....	111.89
	Chambers .....	66.22
	Cherokee .....	83.46
	Chilton .....	92.99
	Choctaw .....	54.02
	Clarke .....	60.06
	Clay .....	73.97
	Cleburne .....	91.18
	Coffee .....	69.38
	Colbert .....	70.23
	Conecuh .....	56.45
	Coosa .....	60.40
	Covington .....	70.73
	Crenshaw .....	65.72
	Cullman .....	104.80
	Dale .....	79.29
	Dallas .....	49.41
	DeKalb .....	103.69
	Elmore .....	78.95
	Escambia .....	64.77
	Etowah .....	101.08
	Fayette .....	58.13
	Franklin .....	64.59
Geneva .....	65.25	
Greene .....	51.41	
Hale .....	59.55	
Henry .....	67.99	
Houston .....	93.10	
Jackson .....	80.16	
Jefferson .....	116.29	
Lamar .....	48.99	
Lauderdale .....	95.55	
Lawrence .....	100.03	
Lee .....	109.36	
Limestone .....	108.88	

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Lowndes .....	50.02		Franklin .....	50.36
	Macon .....	61.85		Fulton .....	36.67
	Madison .....	139.82		Garland .....	102.64
	Marengo .....	52.89		Grant .....	70.94
	Marion .....	61.64		Greene .....	83.26
	Marshall .....	116.76		Hempstead .....	49.18
	Mobile .....	124.85		Hot Spring .....	54.66
	Monroe .....	63.14		Howard .....	56.08
	Montgomery .....	70.10		Independence .....	45.15
	Morgan .....	116.03		Izard .....	40.21
	Perry .....	58.18		Jackson .....	66.17
	Pickens .....	66.62		Jefferson .....	64.17
	Pike .....	69.04		Johnson .....	54.84
	Randolph .....	83.19		Lafayette .....	50.03
	Russell .....	66.96		Lawrence .....	70.43
	Shelby .....	104.77		Lee .....	62.32
	St. Clair .....	112.71		Lincoln .....	60.53
	Sumter .....	49.33		Little River .....	47.41
	Talladega .....	87.20		Logan .....	49.08
	Tallapoosa .....	75.23		Lonoke .....	72.34
	Tuscaloosa .....	88.65		Madison .....	61.54
	Walker .....	79.56		Marion .....	47.88
	Washington .....	53.39		Miller .....	50.63
	Wilcox .....	47.91		Mississippi .....	67.49
	Winston .....	72.86		Monroe .....	55.45
Alaska .....	Aleutian Islands	0.88		Montgomery .....	51.05
	Statewide .....	47.24		Nevada .....	46.47
Arizona .....	Apache .....	4.37		Newton .....	47.85
	Cochise .....	31.88		Ouachita .....	43.82
	Coconino .....	3.37		Perry .....	54.17
	Gila .....	6.18		Phillips .....	62.58
	Graham .....	10.30		Pike .....	51.22
	Greenlee .....	24.79		Poinsett .....	75.05
	La Paz .....	32.05		Polk .....	58.12
	Maricopa .....	146.85		Pope .....	63.05
	Mohave .....	13.34		Prairie .....	57.35
	Navajo .....	3.51		Pulaski .....	77.17
	Pima .....	8.38		Randolph .....	57.67
	Pinal .....	43.95		Saline .....	67.25
	Santa Cruz .....	31.70		Scott .....	48.20
	Yavapai .....	26.25		Searcy .....	36.98
	Yuma .....	146.83		Sebastian .....	65.66
Arkansas .....	Arkansas .....	61.89		Sevier .....	52.40
	Ashley .....	56.84		Sharp .....	41.87
	Baxter .....	52.83		St. Francis .....	61.04
	Benton .....	127.23		Stone .....	42.48
	Boone .....	51.77		Union .....	54.31
	Bradley .....	64.56		Van Buren .....	54.09
	Calhoun .....	50.89		Washington .....	100.80
	Carroll .....	54.01		White .....	54.58
	Chicot .....	58.35		Woodruff .....	63.91
	Clark .....	47.55		Yell .....	52.93
	Clay .....	84.65	California .....	Alameda .....	44.43
	Cleburne .....	57.71		Alpine .....	28.59
	Cleveland .....	83.12		Amador .....	27.85
	Columbia .....	45.63		Butte .....	75.28
	Conway .....	49.91		Calaveras .....	22.22
	Craighead .....	90.60		Colusa .....	49.81
	Crawford .....	60.26		Contra Costa .....	43.27
	Crittenden .....	75.64		Del Norte .....	51.98
	Cross .....	66.19		El Dorado .....	62.06
	Dallas .....	38.28		Fresno .....	71.01
	Desha .....	63.91		Glenn .....	55.73
	Drew .....	56.82		Humboldt .....	19.32
	Faulkner .....	75.42		Imperial .....	69.61

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Inyo .....	3.88		El Paso .....	23.49
	Kern .....	46.14		Elbert .....	25.48
	Kings .....	67.61		Fremont .....	39.01
	Lake .....	40.98		Garfield .....	40.06
	Lassen .....	13.37		Gilpin .....	70.57
	Los Angeles .....	116.16		Grand .....	36.72
	Madera .....	68.51		Gunnison .....	42.86
	Marin .....	36.65		Hinsdale .....	30.74
	Mariposa .....	12.90		Huerfano .....	16.06
	Mendocino .....	23.94		Jackson .....	22.09
	Merced .....	81.81		Jefferson .....	128.83
	Modoc .....	12.23		Kiowa .....	12.59
	Mono .....	12.01		Kit Carson .....	20.36
	Monterey .....	46.06		La Plata .....	37.72
	Napa .....	276.04		Lake .....	34.32
	Nevada .....	46.42		Larimer .....	77.43
	Orange .....	119.37		Las Animas .....	10.05
	Placer .....	41.98		Lincoln .....	11.76
	Plumas .....	14.37		Logan .....	19.84
	Riverside .....	113.43		Mesa .....	92.23
	Sacramento .....	62.82		Mineral .....	57.46
	San Benito .....	22.31		Moffat .....	13.34
	San Bernardino .....	124.39		Montezuma .....	20.22
	San Diego .....	145.10		Montrose .....	51.65
	San Francisco .....	486.14		Morgan .....	28.97
	San Joaquin .....	93.90		Otero .....	12.52
	San Luis Obispo .....	47.18		Ouray .....	51.00
	San Mateo .....	61.07		Park .....	28.05
	Santa Barbara .....	64.90		Phillips .....	28.25
	Santa Clara .....	50.86		Pitkin .....	127.19
	Santa Cruz .....	133.49		Prowers .....	13.46
	Shasta .....	18.25		Pueblo .....	17.17
	Sierra .....	10.64		Rio Blanco .....	22.93
	Siskiyou .....	19.17		Rio Grande .....	52.15
	Solano .....	57.19		Routt .....	52.45
	Sonoma .....	138.70		Saguache .....	31.69
	Stanislaus .....	97.65		San Juan .....	26.85
	Sutter .....	59.55		San Miguel .....	24.88
	Tehama .....	26.96		Sedgwick .....	22.59
	Trinity .....	12.01		Summit .....	70.55
	Tulare .....	73.31		Teller .....	33.78
	Tuolumne .....	23.23		Washington .....	18.33
	Ventura .....	159.41		Weld .....	43.18
	Yolo .....	60.66		Yuma .....	27.27
	Yuba .....	51.40	Connecticut .....	Fairfield .....	272.73
Colorado .....	Adams .....	26.93		Hartford .....	407.45
	Alamosa .....	35.40		Litchfield .....	286.07
	Arapahoe .....	37.74		Middlesex .....	376.75
	Archuleta .....	51.83		New Haven .....	593.52
	Baca .....	13.09		New London .....	289.73
	Bent .....	11.52		Tolland .....	245.16
	Boulder .....	209.92		Windham .....	238.82
	Broomfield .....	91.29	Delaware .....	Kent .....	203.48
	Chaffee .....	84.74		New Castle .....	243.96
	Cheyenne .....	13.99		Sussex .....	217.61
	Clear Creek .....	52.72	Florida .....	Alachua .....	150.03
	Conejos .....	28.17		Baker .....	87.89
	Costilla .....	20.29		Bay .....	39.29
	Crowley .....	8.50		Bradford .....	91.51
	Custer .....	32.44		Brevard .....	96.30
	Delta .....	80.37		Broward .....	634.84
	Denver .....	1,064.15		Calhoun .....	41.26
	Dolores .....	29.77		Charlotte .....	137.47
	Douglas .....	112.66		Citrus .....	151.89
	Eagle .....	55.25		Clay .....	109.69



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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Georgia	Collier	90.97		Ben Hill	60.73
	Columbia	83.54		Berrien	76.94
	Dade	717.41		Bibb	98.54
	DeSoto	95.94		Bleckley	63.46
	Dixie	71.30		Brantley	71.80
	Duval	144.11		Brooks	85.99
	Escambia	118.88		Bryan	75.69
	Flagler	106.61		Bulloch	70.45
	Franklin	113.04		Burke	69.93
	Gadsden	81.53		Butts	95.86
	Gilchrist	101.93		Calhoun	74.14
	Glades	82.53		Camden	70.47
	Gulf	27.49		Candler	77.73
	Hamilton	74.04		Carroll	117.72
	Hardee	102.24		Catoosa	135.36
	Hendry	93.87		Charlton	59.70
	Hernando	200.91		Chatham	124.91
	Highlands	74.82		Chattahoochee	72.76
	Hillsborough	223.71		Chattooga	87.12
	Holmes	63.87		Cherokee	213.38
	Indian River	110.05		Clarke	190.26
	Jackson	70.76		Clay	58.22
	Jefferson	66.43		Clayton	205.51
	Lafayette	57.93		Clinch	97.97
	Lake	151.95		Cobb	281.03
	Lee	233.82		Coffee	74.19
	Leon	81.72		Colquitt	81.37
	Levy	88.27		Columbia	109.51
	Liberty	75.02		Cook	74.73
	Madison	67.56		Coweta	118.68
	Manatee	149.11		Crawford	99.10
	Marion	212.90		Crisp	75.39
	Martin	84.21		Dade	97.92
	Monroe	113.04		Dawson	171.76
	Nassau	71.72		Decatur	80.19
	Okaloosa	91.24		DeKalb	1,154.43
	Okeechobee	80.90		Dodge	63.95
	Orange	161.53		Dooly	71.87
	Osceola	74.33		Dougherty	95.17
	Palm Beach	160.51		Douglas	164.68
	Pasco	137.18		Early	63.19
	Pinellas	1,100.80		Echols	68.65
	Polk	116.16		Effingham	79.94
	Putnam	76.19		Elbert	96.55
	Santa Rosa	102.72		Emanuel	51.43
	Sarasota	176.14		Evans	66.39
	Seminole	158.44		Fannin	145.17
	St. Johns	162.96		Fayette	133.84
St. Lucie	114.48		Floyd	119.69	
Sumter	115.42		Forsyth	193.80	
Suwannee	84.63		Franklin	141.39	
Taylor	69.92		Fulton	468.90	
Union	71.30		Gilmer	188.34	
Volusia	197.48		Glascocock	39.16	
Wakulla	65.51		Glynn	379.07	
Walton	72.24		Gordon	160.99	
Washington	73.18		Grady	92.49	
Appling	79.92		Greene	88.21	
Atkinson	71.43		Gwinnett	229.72	
Bacon	101.24		Habersham	176.12	
Baker	54.66		Hall	229.54	
Baldwin	53.25		Hancock	51.46	
Banks	132.36		Haralson	116.84	
Barrow	161.29		Harris	106.31	
Bartow	148.20		Hart	138.29	

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Heard .....	88.82		Towns .....	135.21
	Henry .....	184.04		Treutlen .....	46.32
	Houston .....	98.91		Troup .....	79.84
	Irwin .....	79.92		Turner .....	75.86
	Jackson .....	156.69		Twiggs .....	59.45
	Jasper .....	85.62		Union .....	141.95
	Jeff Davis .....	61.62		Upton .....	97.26
	Jefferson .....	63.71		Walker .....	104.27
	Jenkins .....	64.45		Walton .....	139.32
	Johnson .....	51.48		Ware .....	63.09
	Jones .....	69.02		Warren .....	73.35
	Lamar .....	86.12		Washington .....	51.80
	Lanier .....	74.53		Wayne .....	51.16
	Laurens .....	51.56		Webster .....	60.07
	Lee .....	83.24		Wheeler .....	44.99
	Liberty .....	130.10		White .....	199.88
	Lincoln .....	76.87		Whitfield .....	152.14
	Long .....	82.67		Wilcox .....	64.15
	Lowndes .....	134.08		Wilkes .....	84.79
	Lumpkin .....	145.74		Wilkinson .....	50.42
	Macon .....	79.13		Worth .....	73.87
	Madison .....	139.32	Hawaii .....	Hawaii .....	146.97
	Marion .....	58.42		Honolulu .....	525.54
	McDuffie .....	73.64		Kauai .....	190.38
	McIntosh .....	58.35		Maui .....	243.03
	Meriwether .....	80.24	Idaho .....	Ada .....	120.65
	Miller .....	79.75		Adams .....	19.66
	Mitchell .....	91.06		Bannock .....	24.77
	Monroe .....	80.66		Bear Lake .....	18.25
	Montgomery .....	63.56		Benewah .....	24.56
	Morgan .....	114.94		Bingham .....	32.27
	Murray .....	124.66		Blaine .....	32.09
	Muscogee .....	123.06		Boise .....	18.18
	Newton .....	110.07		Bonner .....	63.88
	Oconee .....	177.96		Bonneville .....	36.98
	Oglethorpe .....	107.07		Boundary .....	60.69
	Paulding .....	142.20		Butte .....	26.04
	Peach .....	141.83		Camas .....	17.01
	Pickens .....	209.79		Canyon .....	104.53
	Pierce .....	70.77		Caribou .....	23.54
	Pike .....	120.45		Cassia .....	40.47
	Polk .....	88.94		Clark .....	22.26
	Pulaski .....	65.70		Clearwater .....	31.32
	Putnam .....	103.46		Custer .....	34.58
	Quitman .....	56.75		Elmore .....	31.61
	Rabun .....	202.68		Franklin .....	29.49
	Randolph .....	69.66		Fremont .....	35.10
	Richmond .....	90.52		Gem .....	35.71
	Rockdale .....	173.66		Gooding .....	76.32
	Schley .....	70.05		Idaho .....	20.85
	Screven .....	54.11		Jefferson .....	44.68
	Seminole .....	77.26		Jerome .....	76.61
	Spalding .....	125.96		Kootenai .....	70.09
	Stephens .....	142.03		Latah .....	32.25
	Stewart .....	50.89		Lemhi .....	32.04
	Sumter .....	70.32		Lewis .....	24.91
	Talbot .....	67.27		Lincoln .....	46.31
	Taliaferro .....	80.98		Madison .....	52.80
	Tattall .....	95.29		Minidoka .....	57.58
	Taylor .....	51.14		Nez Perce .....	26.37
	Telfair .....	54.36		Oneida .....	21.03
	Terrell .....	68.95		Owyhee .....	20.65
	Thomas .....	89.53		Payette .....	44.46
	Tift .....	78.07		Power .....	31.29
	Toombs .....	68.38		Shoshone .....	85.18

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Illinois .....	Teton .....	50.16	Indiana .....	McDonough .....	196.33
	Twin Falls .....	56.31		McHenry .....	255.41
	Valley .....	32.91		McLean .....	263.52
	Washington .....	17.18		Menard .....	208.99
	Adams .....	174.17		Mercer .....	175.37
	Alexander .....	91.63		Monroe .....	178.26
	Bond .....	184.02		Montgomery .....	194.78
	Boone .....	209.10		Morgan .....	220.77
	Brown .....	149.86		Moultrie .....	233.89
	Bureau .....	220.02		Ogle .....	230.19
	Calhoun .....	112.14		Peoria .....	211.27
	Carroll .....	215.20		Perry .....	128.01
	Cass .....	171.27		Piatt .....	247.89
	Champaign .....	249.42		Pike .....	158.37
	Christian .....	231.24		Pope .....	93.45
	Clark .....	152.80		Pulaski .....	109.84
	Clay .....	137.09		Putnam .....	224.12
	Clinton .....	185.46		Randolph .....	145.17
	Coles .....	210.81		Richland .....	141.35
	Cook .....	552.40		Rock Island .....	186.45
	Crawford .....	140.65		Saline .....	129.14
	Cumberland .....	169.83		Sangamon .....	239.08
	De Witt .....	224.52		Schuyler .....	146.81
	DeKalb .....	252.17		Scott .....	173.95
	Douglas .....	242.83		Shelby .....	188.65
	DuPage .....	449.92		St. Clair .....	198.55
	Edgar .....	198.77		Stark .....	222.57
	Edwards .....	143.81		Stephenson .....	225.51
	Effingham .....	176.76		Tazewell .....	221.44
	Fayette .....	144.50		Union .....	113.72
	Ford .....	207.98		Vermilion .....	219.59
	Franklin .....	119.39		Wabash .....	148.12
	Fulton .....	165.79		Warren .....	216.62
	Gallatin .....	142.07		Washington .....	171.92
	Greene .....	165.55		Wayne .....	127.53
	Grundy .....	237.40		White .....	133.39
	Hamilton .....	128.76		Whiteside .....	211.27
	Hancock .....	189.83		Will .....	237.93
	Hardin .....	87.83		Williamson .....	105.82
	Henderson .....	186.35		Winnebago .....	191.06
Henry .....	211.54	Woodford .....	240.18		
Iroquois .....	196.71	Adams .....	220.75		
Jackson .....	144.18	Allen .....	212.11		
Jasper .....	150.82	Bartholomew .....	178.44		
Jefferson .....	111.31	Benton .....	206.35		
Jersey .....	169.45	Blackford .....	176.22		
Jo Daviess .....	163.56	Boone .....	203.33		
Johnson .....	99.08	Brown .....	117.13		
Kane .....	282.64	Carroll .....	201.14		
Kankakee .....	209.39	Cass .....	166.57		
Kendall .....	242.51	Clark .....	147.14		
Knox .....	195.93	Clay .....	136.07		
La Salle .....	244.28	Clinton .....	191.27		
Lake .....	325.23	Crawford .....	82.55		
Lawrence .....	151.25	Daviess .....	203.31		
Lee .....	232.04	Dearborn .....	129.69		
Livingston .....	220.32	Decatur .....	188.98		
Logan .....	224.33	DeKalb .....	148.00		
Macon .....	247.62	Delaware .....	176.97		
Macoupin .....	192.61	Dubois .....	145.54		
Madison .....	233.06	Elkhart .....	298.23		
Marion .....	130.77	Fayette .....	150.90		
Marshall .....	216.17	Floyd .....	145.57		
Mason .....	186.93	Fountain .....	159.61		
Massac .....	103.63	Franklin .....	151.28		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Fulton .....	168.41		Wells .....	201.28
	Gibson .....	173.00		White .....	208.51
	Grant .....	188.34		Whitley .....	169.23
	Greene .....	132.12	Iowa .....	Adair .....	140.17
	Hamilton .....	233.45		Adams .....	133.66
	Hancock .....	201.25		Allamakee .....	143.25
	Harrison .....	122.06		Appanoose .....	108.95
	Hendricks .....	203.79		Audubon .....	184.02
	Henry .....	159.74		Benton .....	197.98
	Howard .....	207.17		Black Hawk .....	233.79
	Huntington .....	182.87		Boone .....	213.50
	Jackson .....	141.27		Bremer .....	214.17
	Jasper .....	172.25		Buchanan .....	211.30
	Jay .....	202.37		Buena Vista .....	215.62
	Jefferson .....	110.48		Butler .....	192.14
	Jennings .....	121.77		Calhoun .....	212.86
	Johnson .....	179.96		Carroll .....	215.22
	Knox .....	166.06		Cass .....	158.00
	Kosciusko .....	189.97		Cedar .....	210.61
	LaGrange .....	246.77		Cerro Gordo .....	196.75
	Lake .....	185.86		Cherokee .....	212.11
	LaPorte .....	196.23		Chickasaw .....	200.02
	Lawrence .....	99.14		Clarke .....	114.47
	Madison .....	216.33		Clay .....	214.01
	Marion .....	281.85		Clayton .....	148.62
	Marshall .....	166.99		Clinton .....	202.19
	Martin .....	103.68		Crawford .....	181.55
	Miami .....	180.09		Dallas .....	218.94
	Monroe .....	175.26		Davis .....	104.96
	Montgomery .....	186.34		Decatur .....	103.05
	Morgan .....	167.79		Delaware .....	208.33
	Newton .....	179.64		Des Moines .....	185.20
	Noble .....	170.59		Dickinson .....	199.38
	Ohio .....	116.54		Dubuque .....	231.38
	Orange .....	119.77		Emmet .....	192.49
	Owen .....	121.21		Fayette .....	192.33
	Parke .....	155.81		Floyd .....	197.23
	Perry .....	107.07		Franklin .....	209.43
	Pike .....	131.56		Fremont .....	160.86
	Porter .....	180.52		Greene .....	222.37
	Posey .....	162.03		Grundy .....	243.52
	Pulaski .....	164.08		Guthrie .....	168.88
	Putnam .....	171.69		Hamilton .....	217.50
	Randolph .....	171.21		Hancock .....	204.26
	Ripley .....	137.75		Hardin .....	209.40
	Rush .....	193.57		Harrison .....	165.12
	Scott .....	143.22		Henry .....	167.97
	Shelby .....	185.30		Howard .....	199.81
	Spencer .....	122.97		Humboldt .....	216.77
	St. Joseph .....	215.77		Ida .....	196.91
	Starke .....	133.51		Iowa .....	171.93
	Steuben .....	147.73		Jackson .....	160.09
	Sullivan .....	132.79		Jasper .....	174.53
	Switzerland .....	109.34		Jefferson .....	148.43
	Tippecanoe .....	240.84		Johnson .....	215.40
	Tipton .....	217.90		Jones .....	186.59
	Union .....	169.15		Keokuk .....	156.44
	Vanderburgh .....	210.94		Kossuth .....	211.52
	Vermillion .....	151.39		Lee .....	138.46
	Vigo .....	144.74		Linn .....	223.20
	Wabash .....	167.82		Louisa .....	177.72
	Warren .....	181.05		Lucas .....	91.47
	Warrick .....	144.85		Lyon .....	267.69
	Washington .....	120.09		Madison .....	151.91
	Wayne .....	146.53		Mahaska .....	165.98

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Kansas	Marion	154.67	Kansas	Ford	41.05
	Marshall	203.69		Franklin	63.76
	Mills	160.60		Geary	61.05
	Mitchell	210.79		Gove	34.52
	Monona	154.43		Graham	34.10
	Monroe	112.73		Grant	41.82
	Montgomery	152.23		Gray	42.35
	Muscatine	180.11		Greeley	37.57
	O'Brien	260.70		Greenwood	44.23
	Osceola	234.84		Hamilton	28.28
	Page	143.92		Harper	43.57
	Palo Alto	214.79		Harvey	84.03
	Plymouth	229.45		Haskell	40.52
	Pocahontas	216.13		Hodgeman	31.20
	Polk	236.95		Jackson	71.03
	Pottawattamie	181.82		Jefferson	77.05
	Poweshiek	179.79		Jewell	54.66
	Ringgold	103.29		Johnson	100.11
	Sac	212.89		Kearny	38.26
	Scott	256.97		Kingman	42.96
	Shelby	183.67		Kiowa	41.68
	Sioux	278.87		Labette	56.28
	Story	253.73		Lane	33.80
	Tama	194.47		Leavenworth	90.77
	Taylor	128.97		Lincoln	45.82
	Union	119.48		Linn	67.77
	Van Buren	125.27		Logan	35.71
	Wapello	130.68		Lyon	52.75
	Warren	151.05		Marion	54.18
	Washington	184.64		Marshall	82.09
	Wayne	113.96		McPherson	72.67
	Webster	213.02		Meade	39.16
	Winnebago	187.32		Miami	82.12
	Winneshiek	171.56		Mitchell	49.56
	Woodbury	197.66		Montgomery	53.33
	Worth	186.43		Morris	43.04
	Wright	202.97		Morton	27.17
	Allen	53.84		Nemaha	79.76
	Anderson	54.07		Neosho	52.08
	Atchison	80.66		Ness	28.76
	Barber	38.10		Norton	36.11
	Barton	41.66		Osage	52.85
	Bourbon	53.28		Osborne	37.41
	Brown	93.05		Ottawa	53.36
	Butler	60.18		Pawnee	43.99
	Chase	50.71		Phillips	38.26
Chautauqua	43.28	Pottawatomie	65.30		
Cherokee	58.67	Pratt	54.53		
Cheyenne	39.19	Rawlins	40.91		
Clark	31.50	Reno	56.75		
Clay	71.96	Republic	68.62		
Cloud	61.08	Rice	54.02		
Coffey	48.42	Riley	80.18		
Comanche	30.75	Rooks	33.19		
Cowley	49.06	Rush	34.47		
Crawford	53.44	Russell	35.53		
Decatur	38.69	Saline	62.91		
Dickinson	56.78	Scott	40.20		
Doniphan	91.04	Sedgwick	91.91		
Douglas	108.04	Seward	37.41		
Edwards	48.90	Shawnee	79.41		
Elk	40.99	Sheridan	41.50		
Ellis	35.79	Sherman	46.73		
Ellsworth	42.67	Smith	50.65		
Finney	41.52	Stafford	47.84		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Kentucky .....	Stanton .....	28.23		Hopkins .....	90.04
	Stevens .....	36.80		Jackson .....	62.91
	Sumner .....	48.77		Jefferson .....	328.35
	Thomas .....	46.35		Jessamine .....	177.31
	Trego .....	30.27		Johnson .....	80.14
	Wabaunsee .....	51.13		Kenton .....	149.46
	Wallace .....	35.87		Knott .....	34.15
	Washington .....	64.37		Knox .....	63.93
	Wichita .....	37.17		Larue .....	94.77
	Wilson .....	51.66		Laurel .....	89.27
	Woodson .....	44.10		Lawrence .....	42.70
	Wyandotte .....	178.89		Lee .....	54.66
	Adair .....	80.32		Leslie .....	102.01
	Allen .....	92.45		Letcher .....	80.11
	Anderson .....	99.15		Lewis .....	55.97
	Ballard .....	96.51		Lincoln .....	86.68
	Barren .....	96.19		Livingston .....	75.09
	Bath .....	63.02		Logan .....	128.95
	Bell .....	53.14		Lyon .....	83.34
	Boone .....	160.33		Madison .....	92.61
	Bourbon .....	151.78		Magoffin .....	55.28
	Boyd .....	64.22		Marion .....	92.98
	Boyle .....	99.34		Marshall .....	101.37
	Bracken .....	66.71		Martin .....	92.15
	Breathitt .....	41.90		Mason .....	78.96
	Breckinridge .....	82.43		McCracken .....	118.99
	Bullitt .....	137.82		McCreary .....	65.56
	Butler .....	70.71		McLean .....	119.26
	Caldwell .....	89.16		Meade .....	115.57
	Calloway .....	110.07		Menifee .....	51.62
	Campbell .....	135.12		Mercer .....	104.81
	Carlisle .....	101.42		Metcalfe .....	71.49
	Carroll .....	90.61		Monroe .....	76.03
	Carter .....	51.62		Montgomery .....	93.60
	Casey .....	62.57		Morgan .....	52.02
	Christian .....	128.63		Muhlenberg .....	80.00
	Clark .....	118.32		Nelson .....	108.44
	Clay .....	48.44		Nicholas .....	62.01
	Clinton .....	74.45		Ohio .....	91.27
Crittenden .....	73.35	Oldham .....	212.67		
Cumberland .....	54.82	Owen .....	75.60		
Daviess .....	133.14	Owsley .....	35.84		
Edmonson .....	84.86	Pendleton .....	75.84		
Elliott .....	43.23	Perry .....	30.60		
Estill .....	64.20	Pike .....	37.76		
Fayette .....	390.38	Powell .....	62.33		
Fleming .....	70.58	Pulaski .....	86.47		
Floyd .....	82.46	Robertson .....	58.40		
Franklin .....	105.93	Rockcastle .....	58.19		
Fulton .....	98.11	Rowan .....	73.97		
Gallatin .....	75.97	Russell .....	82.59		
Garrard .....	77.89	Scott .....	149.41		
Grant .....	88.36	Shelby .....	155.12		
Graves .....	102.14	Simpson .....	151.54		
Grayson .....	78.94	Spencer .....	121.29		
Green .....	69.30	Taylor .....	81.13		
Greenup .....	65.98	Todd .....	138.46		
Hancock .....	79.50	Trigg .....	109.75		
Hardin .....	122.68	Trimble .....	86.65		
Harlan .....	41.76	Union .....	134.56		
Harrison .....	82.78	Warren .....	142.44		
Hart .....	82.19	Washington .....	85.77		
Henderson .....	136.08	Wayne .....	71.19		
Henry .....	103.10	Webster .....	98.35		
Hickman .....	107.19	Whitley .....	67.61		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Louisiana .....	Wolfe .....	53.83	Maine .....	West Baton Rouge .....	68.97
	Woodford .....	216.59		West Carroll .....	80.61
	Acadia .....	67.55		West Feliciana .....	71.78
	Allen .....	62.75		Winn .....	68.58
	Ascension .....	88.68		Androscoggin .....	88.36
	Assumption .....	72.00		Aroostook .....	43.63
	Avoyelles .....	62.22		Cumberland .....	171.15
	Beauregard .....	74.32		Franklin .....	62.25
	Bienville .....	62.29		Hancock .....	70.02
	Bossier .....	76.35		Kennebec .....	75.75
	Caddo .....	72.95		Knox .....	118.40
	Calcasieu .....	85.11		Lincoln .....	116.37
	Caldwell .....	61.31		Oxford .....	73.02
	Cameron .....	60.60		Penobscot .....	61.80
	Catahoula .....	66.08		Piscataquis .....	35.28
	Claiborne .....	58.43		Sagadahoc .....	103.59
	Concordia .....	68.53		Somerset .....	36.99
	De Soto .....	72.54		Waldo .....	75.13
	East Baton Rouge .....	201.79		Washington .....	38.44
	East Carroll .....	90.81	York .....	128.30	
	East Feliciana .....	68.45	Maryland .....	Allegany .....	146.89
	Evangeline .....	59.70		Anne Arundel .....	270.87
	Franklin .....	69.36		Baltimore .....	389.42
	Grant .....	66.96		Calvert .....	269.43
	Iberia .....	70.14		Caroline .....	187.19
	Iberville .....	43.92		Carroll .....	214.82
	Jackson .....	97.90		Cecil .....	210.59
	Jefferson .....	57.08		Charles .....	248.44
	Jefferson Davis .....	54.46		Dorchester .....	149.10
	La Salle .....	77.89		Frederick .....	250.12
	Lafayette .....	136.49		Garrett .....	119.81
	Lafourche .....	70.90		Harford .....	286.48
	Lincoln .....	78.50		Howard .....	240.51
	Livingston .....	130.86	Kent .....	173.60	
	Madison .....	67.23	Montgomery .....	215.74	
	Morehouse .....	77.77	Prince George's .....	213.61	
	Natchitoches .....	57.11	Queen Anne's .....	192.78	
	Orleans .....	253.24	Somerset .....	150.41	
	Ouachita .....	104.21	St. Mary's .....	261.34	
	Plaquemines .....	34.51	Talbot .....	184.61	
	Pointe Coupee .....	75.59	Washington .....	211.64	
	Rapides .....	91.64	Wicomico .....	184.77	
	Red River .....	54.73	Worcester .....	139.22	
	Richland .....	69.24	Massachusetts ...	Barnstable .....	720.81
	Sabine .....	92.42		Berkshire .....	180.33
	St. Bernard .....	42.85		Bristol .....	429.02
	St. Charles .....	85.38		Dukes .....	269.62
St. Helena .....	101.71	Essex .....		411.66	
St. James .....	74.88	Franklin .....		151.43	
St. John the Baptist .....	85.60	Hampden .....		244.00	
St. Landry .....	71.39	Hampshire .....		180.75	
St. Martin .....	78.38	Middlesex .....		376.13	
St. Mary .....	80.66	Nantucket .....		922.96	
St. Tammany .....	262.44	Norfolk .....		404.58	
Tangipahoa .....	123.77	Plymouth .....		225.88	
Tensas .....	68.55	Suffolk .....		5,423.47	
Terrebonne .....	100.71	Worcester .....	290.09		
Union .....	74.44	Michigan .....	Alcona .....	67.53	
Vermilion .....	70.36		Alger .....	53.19	
Vernon .....	90.56		Allegan .....	155.95	
Washington .....	88.34		Alpena .....	66.36	
Webster .....	71.88		Antrim .....	109.59	
			Arenac .....	87.48	
			Baraga .....	57.08	

Federal Energy Regulatory Commission

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Barry .....	125.18		Saginaw .....	151.36
	Bay .....	131.73		Sanilac .....	128.55
	Benzie .....	103.28		Schoolcraft .....	47.46
	Berrien .....	168.05		Shiawassee .....	117.62
	Branch .....	110.45		St. Clair .....	137.00
	Calhoun .....	138.43		St. Joseph .....	149.07
	Cass .....	120.52		Tuscola .....	136.03
	Charlevoix .....	98.30		Van Buren .....	150.95
	Cheboygan .....	66.80		Washtenaw .....	203.98
	Chippewa .....	56.43		Wayne .....	301.45
	Clare .....	78.51		Wexford .....	87.82
	Clinton .....	147.45	Minnesota .....	Aitkin .....	56.31
	Crawford .....	91.31		Anoka .....	202.66
	Delta .....	46.54		Becker .....	77.59
	Dickinson .....	71.11		Beltrami .....	52.49
	Eaton .....	108.89		Benton .....	117.22
	Emmet .....	98.22		Big Stone .....	116.09
	Genesee .....	137.20		Blue Earth .....	192.30
	Gladwin .....	101.93		Brown .....	175.53
	Gogebic .....	67.82		Carlton .....	57.54
	Grand Traverse .....	165.89		Carver .....	180.02
	Gratiot .....	141.64		Cass .....	66.83
	Hillsdale .....	112.36		Chippewa .....	157.37
	Houghton .....	61.38		Chisago .....	122.16
	Huron .....	157.70		Clay .....	105.41
	Ingham .....	138.85		Clearwater .....	54.10
	Ionia .....	129.20		Cook .....	158.25
	Iosco .....	82.21		Cottonwood .....	168.77
	Iron .....	51.52		Crow Wing .....	71.77
	Isabella .....	106.88		Dakota .....	184.29
	Jackson .....	130.01		Dodge .....	184.02
	Kalamazoo .....	183.96		Douglas .....	105.36
	Kalkaska .....	69.20		Faribault .....	181.54
	Kent .....	192.43		Fillmore .....	148.30
	Keweenaw .....	88.00		Freeborn .....	161.01
	Lake .....	64.20		Goodhue .....	165.65
	Lapeer .....	120.13		Grant .....	117.56
	Leelanau .....	190.89		Hennepin .....	359.50
	Lenawee .....	136.27		Houston .....	114.55
	Livingston .....	148.65		Hubbard .....	70.65
	Luce .....	65.73		Isanti .....	103.79
	Mackinac .....	52.07		Itasca .....	75.88
	Macomb .....	132.85		Jackson .....	171.90
	Manistee .....	75.20		Kanabec .....	70.81
	Marquette .....	57.52		Kandiyohi .....	139.32
	Mason .....	81.12		Kittson .....	60.05
	Mecosta .....	91.39		Koochiching .....	38.53
	Menominee .....	55.41		Lac qui Parle .....	119.57
	Midland .....	144.51		Lake .....	96.90
	Missaukee .....	95.38		Lake of the Woods .....	45.31
	Monroe .....	160.52		Le Sueur .....	164.88
	Montcalm .....	104.06		Lincoln .....	129.12
	Montmorency .....	55.96		Lyon .....	156.25
	Muskegon .....	167.53		Mahnomen .....	78.90
	Newaygo .....	101.40		Marshall .....	66.06
	Oakland .....	303.07		Martin .....	179.21
	Oceana .....	108.44		McLeod .....	152.83
	Ogemaw .....	72.93		Meeke .....	138.58
	Ontonagon .....	41.64		Mille Lacs .....	82.83
	Osceola .....	78.30		Morrison .....	88.38
	Oscoda .....	71.47		Mower .....	181.91
	Otsego .....	72.49		Murray .....	164.64
	Ottawa .....	215.66		Nicollet .....	186.96
	Presque Isle .....	61.15		Nobles .....	184.53
	Roscommon .....	63.91			



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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Mississippi	Norman	88.14	Missouri	Jefferson	63.08
	Olmsted	177.75		Jefferson Davis	64.33
	Otter Tail	79.27		Jones	94.76
	Pennington	51.48		Kemper	50.61
	Pine	63.12		Lafayette	68.58
	Pipestone	155.75		Lamar	88.81
	Polk	87.58		Lauderdale	51.44
	Pope	110.65		Lawrence	80.37
	Ramsey	711.47		Leake	75.77
	Red Lake	63.28		Lee	45.86
	Redwood	166.59		Leflore	72.64
	Renville	175.16		Lincoln	76.87
	Rice	183.09		Lowndes	63.33
	Rock	203.75		Madison	65.78
	Roseau	46.54		Marion	72.11
	Scott	202.66		Marshall	60.15
	Sherburne	137.64		Monroe	55.02
	Sibley	180.12		Montgomery	50.04
	St. Louis	53.19		Neshoba	66.68
	Stearns	137.48		Newton	59.35
	Steele	165.57		Noxubee	63.40
	Stevens	135.56		Oktibbeha	69.98
	Swift	134.65		Panola	61.65
	Todd	73.29		Pearl River	88.73
	Traverse	132.94		Perry	80.35
	Wabasha	147.36		Pike	93.26
	Wadena	58.74		Pontotoc	49.26
	Waseca	176.79		Prentiss	51.21
	Washington	232.16		Quitman	71.61
	Watonwan	189.49		Rankin	82.60
	Wilkin	103.39		Scott	63.73
	Winona	153.61		Sharkey	82.85
	Wright	171.98		Simpson	69.03
	Yellow Medicine	144.40		Smith	71.91
	Adams	73.84		Stone	82.80
	Alcorn	53.34		Sunflower	79.70
	Amite	79.90		Tallahatchie	70.59
	Attala	46.21		Tate	70.71
	Benton	48.21		Tippah	51.86
	Bolivar	75.72		Tishomingo	47.31
	Calhoun	44.45		Tunica	73.96
	Carroll	53.51		Union	50.04
	Chickasaw	50.14		Walthall	77.69
	Choctaw	46.08		Warren	60.75
	Claiborne	67.78		Washington	92.81
	Clarke	55.99		Wayne	77.49
	Clay	46.98		Webster	45.88
	Coahoma	82.78		Wilkinson	60.10
Copiah	64.15	Winston	56.99		
Covington	90.23	Yalobusha	46.66		
DeSoto	75.32	Yazoo	69.81		
Forrest	106.23	Adair	73.20		
Franklin	79.45	Andrew	100.75		
George	93.39	Atchison	128.54		
Greene	63.28	Audrain	111.58		
Grenada	55.07	Barry	89.89		
Hancock	96.64	Barton	72.17		
Harrison	209.60	Bates	81.01		
Hinds	82.40	Benton	71.75		
Holmes	60.70	Bollinger	65.72		
Humphreys	81.85	Boone	148.23		
Issaquena	68.51	Buchanan	106.25		
Itawamba	42.85	Butler	123.08		
Jackson	125.45	Caldwell	83.10		
Jasper	70.21	Callaway	103.82		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Camden .....	57.88		Pettis .....	91.76
	Cape Girardeau .....	113.86		Phelps .....	69.11
	Carroll .....	93.85		Pike .....	92.18
	Carter .....	50.05		Platte .....	116.11
	Cass .....	98.55		Polk .....	66.20
	Cedar .....	65.25		Pulaski .....	58.65
	Chariton .....	90.16		Putnam .....	66.06
	Christian .....	105.57		Ralls .....	100.93
	Clark .....	93.72		Randolph .....	90.73
	Clay .....	109.29		Ray .....	92.18
	Clinton .....	97.55		Reynolds .....	41.92
	Cole .....	95.58		Ripley .....	64.12
	Cooper .....	85.67		Saline .....	105.13
	Crawford .....	67.72		Schuyler .....	67.66
	Dade .....	73.59		Scotland .....	88.35
	Dallas .....	66.54		Scott .....	133.36
	Daviess .....	85.60		Shannon .....	51.46
	DeKalb .....	85.80		Shelby .....	97.76
	Dent .....	54.82		St Louis .....	113.99
	Douglas .....	55.05		St. Charles .....	128.07
	Dunklin .....	133.44		St. Clair .....	64.31
	Franklin .....	101.30		St. Francois .....	76.89
	Gasconade .....	73.06		Ste. Genevieve ..	77.36
	Gentry .....	81.22		Stoddard .....	140.33
	Greene .....	124.39		Stone .....	75.87
	Grundy .....	76.76		Sullivan .....	61.29
	Harrison .....	72.57		Taney .....	58.59
	Henry .....	70.52		Texas .....	54.16
	Hickory .....	55.26		Vernon .....	74.48
	Holt .....	128.27		Warren .....	106.12
	Howard .....	79.25		Washington .....	62.18
	Howell .....	56.21		Wayne .....	61.61
	Iron .....	54.14		Webster .....	81.32
	Jackson .....	152.42		Worth .....	74.56
	Jasper .....	84.44		Wright .....	56.57
	Jefferson .....	110.11	Montana .....	Beaverhead .....	26.61
	Johnson .....	87.67		Big Horn .....	7.94
	Knox .....	79.75		Blaine .....	11.96
	Laclede .....	65.99		Broadwater .....	23.64
	Lafayette .....	118.89		Carbon .....	29.98
	Lawrence .....	83.84		Carter .....	10.87
	Lewis .....	86.83		Cascade .....	24.49
	Lincoln .....	114.33		Chouteau .....	18.85
	Linn .....	75.58		Custer .....	10.83
	Livingston .....	88.40		Daniels .....	12.81
	Macon .....	83.73		Dawson .....	13.50
	Madison .....	55.03		Deer Lodge .....	39.26
	Maries .....	51.67		Fallon .....	12.20
	Marion .....	103.97		Fergus .....	22.10
	McDonald .....	70.31		Flathead .....	129.08
	Mercer .....	70.60		Gallatin .....	61.22
	Miller .....	65.46		Garfield .....	8.16
	Mississippi .....	153.02		Glacier .....	23.58
	Moniteau .....	93.59		Golden Valley .....	13.54
	Monroe .....	93.30		Granite .....	32.69
	Montgomery .....	98.86		Hill .....	17.40
	Morgan .....	100.59		Jefferson .....	34.39
	New Madrid .....	146.57		Judith Basin .....	18.77
	Newton .....	95.40		Lake .....	32.45
	Nodaway .....	105.18		Lewis and Clark .....	26.39
	Oregon .....	46.69		Liberty .....	18.12
	Osage .....	63.31		Lincoln .....	106.07
	Ozark .....	55.92		Madison .....	34.55
	Pemiscot .....	137.24		McCone .....	10.67
	Perry .....	85.80		Meagher .....	18.34

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Nebraska	Mineral	101.06	Nevada	Hall	123.43
	Missoula	56.49		Hamilton	153.98
	Musselshell	12.91		Harlan	69.89
	Park	52.71		Hayes	34.36
	Petroleum	13.70		Hitchcock	38.22
	Phillips	10.71		Holt	57.79
	Pondera	24.39		Hooker	17.85
	Powder River	11.13		Howard	84.77
	Powell	26.16		Jefferson	100.80
	Prairie	15.64		Johnson	88.17
	Ravalli	115.85		Kearney	127.05
	Richland	17.72		Keith	39.48
	Roosevelt	14.59		Keya Paha	34.38
	Rosebud	8.69		Kimball	26.10
	Sanders	19.96		Knox	81.23
	Sheridan	14.02		Lancaster	135.94
	Silver Bow	45.48		Lincoln	40.65
	Stillwater	27.15		Logan	29.14
	Sweet Grass	22.95		Loup	28.24
	Teton	23.96		Madison	141.30
	Toole	17.72		McPherson	19.89
	Treasure	11.68		Merrick	123.21
	Valley	13.01		Morrill	27.80
	Wheatland	14.00		Nance	102.64
	Wibaux	12.47		Nemaha	110.44
	Yellowstone	20.26		Nuckolls	87.13
	Adams	129.26		Otoe	120.37
	Antelope	111.41		Pawnee	78.77
	Arthur	19.45		Perkins	51.97
	Banner	21.17		Phelps	124.18
	Blaine	24.11		Pierce	118.31
	Boone	108.04		Platte	153.66
	Box Butte	32.39		Polk	143.54
	Boyd	49.25		Red Willow	47.28
	Brown	28.46		Richardson	103.62
	Buffalo	106.68		Rock	27.63
	Burt	149.58		Saline	114.52
	Butler	138.24		Sarpy	180.64
	Cass	136.16		Saunders	136.98
	Cedar	125.83		Scotts Bluff	49.49
	Chase	50.63		Seward	138.66
	Cherry	22.66		Sheridan	23.55
	Cheyenne	24.77		Sherman	64.98
	Clay	117.77		Sioux	21.88
	Colfax	150.41		Stanton	121.20
	Cuming	147.81		Thayer	95.19
	Custer	60.10		Thomas	18.94
	Dakota	137.34		Thurston	117.21
	Dawes	21.59		Valley	69.89
	Dawson	82.85		Washington	158.30
Deuel	31.69	Wayne	133.85		
Dixon	113.55	Webster	66.51		
Dodge	155.70	Wheeler	37.10		
Douglas	185.62	York	167.02		
Dundy	37.15	Carson City	6.18		
Fillmore	132.29	Churchill	13.01		
Franklin	84.07	Clark	21.12		
Frontier	45.63	Douglas	13.96		
Furnas	59.91	Elko	3.73		
Gage	107.50	Esmeralda	14.15		
Garden	21.03	Eureka	3.40		
Garfield	36.01	Humboldt	6.03		
Gosper	68.28	Lander	7.13		
Grant	20.32	Lincoln	17.50		
Greeley	72.00	Lyon	15.53		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
New Hampshire	Mineral .....	1.99	New York .....	Socorro .....	12.11
	Nye .....	11.77		Taos .....	31.53
	Pershing .....	5.44		Torrance .....	9.20
	Storey .....	6.18		Union .....	7.97
	Washoe .....	6.97		Valencia .....	22.41
	White Pine .....	9.01		Albany .....	115.79
	Belknap .....	125.21		Allegany .....	52.42
	Carroll .....	100.11		Bronx .....	84.09
	Cheshire .....	96.60		Broome .....	80.45
	Coos .....	65.33		Cattaraugus .....	59.66
	Grafton .....	99.55		Cayuga .....	103.00
	Hillsborough .....	198.11		Chautauqua .....	68.88
	Merrimack .....	147.73		Chemung .....	68.21
	Rockingham .....	287.44		Chenango .....	53.54
New Jersey .....	Strafford .....	165.44	Clinton .....	68.88	
	Sullivan .....	122.10	Columbia .....	109.07	
	Atlantic .....	306.75	Cortland .....	60.42	
	Bergen .....	2,390.59	Delaware .....	75.00	
	Burlington .....	241.57	Dutchess .....	235.43	
	Camden .....	394.58	Erie .....	119.17	
	Cape May .....	349.93	Essex .....	62.03	
	Cumberland .....	235.54	Franklin .....	64.77	
	Essex .....	2,029.05	Fulton .....	72.69	
	Gloucester .....	304.63	Genesee .....	87.11	
	Hudson .....	1,209.00	Greene .....	82.19	
	Hunterdon .....	375.31	Hamilton .....	87.01	
	Mercer .....	435.32	Herkimer .....	59.61	
	Middlesex .....	523.25	Jefferson .....	69.72	
New Mexico .....	Monmouth .....	504.24	Kings .....	11,552.73	
	Morris .....	514.91	Lewis .....	52.32	
	Ocean .....	457.35	Livingston .....	96.67	
	Passaic .....	767.90	Madison .....	68.26	
	Salem .....	202.35	Monroe .....	112.14	
	Somerset .....	475.26	Montgomery .....	64.72	
	Sussex .....	277.21	Nassau .....	452.16	
	Union .....	3,759.62	New York .....	84.09	
	Warren .....	292.81	Niagara .....	79.95	
	Bernalillo .....	53.21	Oneida .....	69.25	
	Catron .....	8.10	Onondaga .....	107.35	
	Chaves .....	9.12	Ontario .....	104.87	
	Cibola .....	6.11	Orange .....	180.63	
	Colfax .....	9.74	Orleans .....	82.63	
	Curry .....	13.40	Oswego .....	57.63	
	De Baca .....	7.23	Otsego .....	69.43	
	Dona Ana .....	47.91	Putnam .....	156.28	
	Eddy .....	11.40	Queens .....	1,263.52	
	Grant .....	9.39	Rensselaer .....	91.49	
	Guadalupe .....	6.00	Richmond .....	84.09	
	Harding .....	7.06	Rockland .....	749.31	
	Hidalgo .....	10.05	Saratoga .....	153.39	
	Lea .....	7.95	Schenectady .....	111.67	
	Lincoln .....	9.60	Schoharie .....	63.41	
	Los Alamos .....	10.05	Schuyler .....	85.16	
	Luna .....	9.93	Seneca .....	97.82	
	McKinley .....	8.25	St. Lawrence .....	47.71	
	Mora .....	10.65	Steuben .....	54.66	
	Otero .....	8.47	Suffolk .....	318.22	
	Quay .....	6.79	Sullivan .....	109.72	
	Rio Arriba .....	16.55	Tioga .....	59.51	
	Roosevelt .....	8.81	Tompkins .....	98.68	
	San Juan .....	10.30	Ulster .....	179.67	
	San Miguel .....	7.75	Warren .....	108.70	
Sandoval .....	8.66	Washington .....	72.76		
Santa Fe .....	16.99	Wayne .....	89.51		
Sierra .....	6.96	Westchester .....	277.25		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
North Carolina ...	Wyoming .....	90.19	North Dakota .....	Nash .....	120.99
	Yates .....	136.13		New Hanover ....	890.11
	Alamance .....	156.90		Northampton .....	73.14
	Alexander .....	147.27		Onslow .....	164.32
	Alleghany .....	129.10		Orange .....	174.84
	Anson .....	106.85		Pamlico .....	95.50
	Ashe .....	137.49		Pasquotank .....	104.18
	Avery .....	169.82		Pender .....	139.87
	Beaufort .....	89.43		Perquimans .....	93.09
	Bertie .....	79.29		Person .....	98.79
	Bladen .....	87.18		Pitt .....	100.55
	Brunswick .....	102.51		Polk .....	168.46
	Buncombe .....	260.16		Randolph .....	132.11
	Burke .....	149.08		Richmond .....	114.14
	Cabarrus .....	227.74		Robeson .....	86.69
	Caldwell .....	118.67		Rockingham .....	101.28
	Camden .....	83.21		Rowan .....	152.98
	Carteret .....	118.61		Rutherford .....	125.05
	Caswell .....	84.75		Sampson .....	127.90
	Catawba .....	171.10		Scotland .....	94.14
	Chatham .....	143.95		Stanly .....	120.26
	Cherokee .....	128.29		Stokes .....	106.80
	Chowan .....	91.37		Surry .....	116.92
	Clay .....	164.14		Swain .....	95.66
	Cleveland .....	121.96		Transylvania .....	202.27
	Columbus .....	85.35		Tyrrell .....	108.47
	Craven .....	102.95		Union .....	139.53
	Cumberland .....	135.09		Vance .....	77.87
	Currituck .....	128.29		Wake .....	304.85
	Dare .....	110.01		Warren .....	76.07
	Davidson .....	151.59		Washington .....	95.92
	Davie .....	133.08		Watauga .....	168.38
	Duplin .....	125.47		Wayne .....	130.49
	Durham .....	278.65		Wilkes .....	133.99
	Edgecombe .....	79.73		Wilson .....	98.95
	Forsyth .....	243.37		Yadkin .....	143.06
	Franklin .....	92.99		Yancey .....	142.41
	Gaston .....	160.58		Adams .....	28.54
	Gates .....	94.79		Barnes .....	61.81
	Graham .....	125.20		Benson .....	36.59
	Granville .....	91.11		Billings .....	24.58
	Greene .....	103.16		Bottineau .....	41.35
	Guilford .....	213.85		Bowman .....	27.49
	Halifax .....	67.10		Burke .....	28.19
	Harnett .....	145.78		Burleigh .....	50.81
	Haywood .....	168.95		Cass .....	99.43
	Henderson .....	202.82		Cavalier .....	55.63
Hertford .....	83.65	Dickey .....	63.52		
Hoke .....	115.11	Divide .....	28.59		
Hyde .....	77.77	Dunn .....	30.68		
Iredell .....	142.20	Eddy .....	38.91		
Jackson .....	214.30	Emmons .....	42.39		
Johnston .....	123.98	Foster .....	53.70		
Jones .....	106.01	Golden Valley ...	28.13		
Lee .....	150.73	Grand Forks .....	91.22		
Lenoir .....	104.08	Grant .....	28.64		
Lincoln .....	149.86	Griggs .....	47.52		
Macon .....	208.31	Hettinger .....	37.58		
Madison .....	129.68	Kidder .....	33.64		
Martin .....	70.03	LaMoure .....	67.90		
McDowell .....	137.49	Logan .....	31.85		
Mecklenburg .....	896.62	McHenry .....	29.12		
Mitchell .....	152.06	McIntosh .....	36.48		
Montgomery .....	124.03	McKenzie .....	27.44		
Moore .....	133.39	McLean .....	47.74		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Ohio	Mercer	36.59	Oklahoma	Jefferson	145.70
	Morton	37.55		Knox	161.25
	Mountrail	34.18		Lake	217.65
	Nelson	36.37		Lawrence	87.65
	Oliver	38.59		Licking	176.42
	Pembina	73.73		Logan	161.36
	Pierce	37.68		Lorain	199.57
	Ramsey	48.38		Lucas	220.71
	Ransom	53.81		Madison	184.90
	Renville	42.92		Mahoning	176.69
	Richland	85.29		Marion	155.68
	Rolette	34.23		Medina	208.88
	Sargent	74.54		Meigs	92.45
	Sheridan	29.36		Mercer	257.94
	Sioux	33.24		Miami	197.89
	Slope	28.27		Monroe	87.14
	Stark	35.60		Montgomery	192.37
	Steele	58.76		Morgan	92.21
	Stutsman	53.62		Morrow	160.05
	Towner	37.04		Muskingum	109.36
	Traill	82.48		Noble	82.08
	Walsh	67.21		Ottawa	144.24
	Ward	43.67		Paulding	166.93
	Wells	45.76		Perry	121.97
	Williams	29.31		Pickaway	160.88
	Adams	103.52		Pike	110.82
	Allen	193.49		Portage	173.62
	Ashland	162.00		Preble	170.58
	Ashtabula	116.61		Putnam	178.50
	Athens	85.68		Richland	200.13
	Auglaize	217.09		Ross	122.21
	Belmont	102.10		Sandusky	158.02
	Brown	117.54		Scioto	83.68
	Butler	220.13		Seneca	157.04
	Carroll	125.60		Shelby	205.01
	Champaign	191.20		Stark	246.50
	Clark	201.12		Summit	356.39
	Clermont	149.46		Trumbull	115.49
	Clinton	158.88		Tuscarawas	148.13
	Columbiana	153.84		Union	169.33
	Coshocton	140.77		Van Wert	199.84
	Crawford	171.89		Vinton	84.42
	Cuyahoga	435.03		Warren	208.64
Darke	221.83	Washington	85.04		
Defiance	152.96	Wayne	238.39		
Delaware	208.64	Williams	137.62		
Erie	174.50	Wood	177.57		
Fairfield	205.38	Wyandot	152.16		
Fayette	190.45	Adair	62.85		
Franklin	214.42	Alfalfa	44.75		
Fulton	186.26	Atoka	48.19		
Gallia	83.81	Beaver	23.60		
Geauga	193.20	Beckham	35.00		
Greene	190.40	Blaine	42.78		
Guernsey	99.25	Bryan	59.57		
Hamilton	354.47	Caddo	45.51		
Hancock	161.12	Canadian	61.72		
Hardin	157.01	Carter	53.34		
Harrison	88.26	Cherokee	65.24		
Henry	174.66	Choctaw	46.61		
Highland	133.89	Cimarron	21.68		
Hocking	120.72	Cleveland	127.47		
Holmes	206.42	Coal	47.85		
Huron	162.21	Comanche	50.66		
Jackson	75.04	Cotton	35.71		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Craig .....	55.31		Coos .....	56.69
	Creek .....	57.62		Crook .....	17.76
	Custer .....	38.15		Curry .....	65.86
	Delaware .....	71.71		Deschutes .....	161.20
	Dewey .....	36.03		Douglas .....	63.50
	Ellis .....	26.12		Gilliam .....	13.39
	Garfield .....	45.62		Grant .....	19.25
	Garvin .....	50.37		Harney .....	12.68
	Grady .....	55.13		Hood River .....	259.02
	Grant .....	42.17		Jackson .....	157.98
	Greer .....	30.38		Jefferson .....	15.90
	Harmon .....	32.90		Josephine .....	334.64
	Harper .....	28.93		Klamath .....	40.71
	Haskell .....	49.98		Lake .....	20.11
	Hughes .....	41.91		Lane .....	159.14
	Jackson .....	36.73		Lincoln .....	102.26
	Jefferson .....	40.62		Linn .....	131.91
	Johnston .....	49.19		Malheur .....	27.68
	Kay .....	43.22		Marion .....	230.02
	Kingfisher .....	50.53		Morrow .....	20.96
	Kiowa .....	32.95		Multnomah .....	388.34
	Latimer .....	47.19		Polk .....	132.35
	Le Flore .....	56.81		Sherman .....	15.81
	Lincoln .....	58.89		Tillamook .....	145.00
	Logan .....	58.86		Umatilla .....	33.93
	Love .....	64.51		Union .....	33.70
	Major .....	38.99		Wallowa .....	30.35
	Marshall .....	63.64		Wasco .....	16.94
	Mayes .....	73.05		Washington .....	318.03
	McClain .....	69.27		Wheeler .....	16.83
	McCurtain .....	56.26		Yamhill .....	189.31
	McIntosh .....	49.95	Pennsylvania .....	Adams .....	181.99
	Murray .....	56.18		Allegheny .....	231.68
	Muskogee .....	59.28		Armstrong .....	96.31
	Noble .....	46.75		Beaver .....	159.90
	Nowata .....	54.21		Bedford .....	107.73
	Okfuskee .....	45.01		Berks .....	296.25
	Oklahoma .....	170.27		Blair .....	178.32
	Okmulgee .....	58.12		Bradford .....	95.75
	Osage .....	41.83		Bucks .....	248.65
	Ottawa .....	72.94		Butler .....	139.84
	Pawnee .....	46.85		Cambria .....	122.39
	Payne .....	63.62		Cameron .....	75.17
	Pittsburg .....	46.04		Carbon .....	174.94
	Pontotoc .....	56.97		Centre .....	177.08
	Pottawatomie .....	59.23		Chester .....	320.85
	Pushmataha .....	40.52		Clarion .....	84.84
	Roger Mills .....	33.69		Clearfield .....	95.36
	Rogers .....	76.46		Clinton .....	172.80
	Seminole .....	47.90		Columbia .....	159.34
	Sequoyah .....	57.57		Crawford .....	88.30
	Stephens .....	46.22		Cumberland .....	201.21
	Texas .....	26.62		Dauphin .....	232.34
	Tillman .....	34.87		Delaware .....	380.45
	Tulsa .....	153.17		Elk .....	110.95
	Wagoner .....	74.44		Erie .....	119.22
	Washington .....	61.86		Fayette .....	109.44
	Washita .....	39.05		Forest .....	129.50
	Woods .....	34.84		Franklin .....	198.96
	Woodward .....	31.95		Fulton .....	110.34
Oregon .....	Baker .....	23.25		Greene .....	96.31
	Benton .....	119.74		Huntingdon .....	127.23
	Clackamas .....	400.15		Indiana .....	95.15
	Clatsop .....	133.04		Jefferson .....	87.59
	Columbia .....	160.96		Juniata .....	172.37

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Lackawanna .....	140.10		Jasper .....	95.02
	Lancaster .....	483.26		Kershaw .....	80.17
	Lawrence .....	115.97		Lancaster .....	102.57
	Lebanon .....	380.58		Laurens .....	99.51
	Lehigh .....	207.45		Lee .....	62.70
	Luzerne .....	160.24		Lexington .....	143.60
	Lycoming .....	135.29		Marion .....	60.50
	McKean .....	75.27		Marlboro .....	50.01
	Mercer .....	105.64		McCormick .....	52.01
	Mifflin .....	163.31		Newberry .....	86.01
	Monroe .....	155.72		Oconee .....	165.71
	Montgomery .....	511.67		Orangeburg .....	78.33
	Montour .....	170.26		Pickens .....	182.97
	Northampton .....	198.33		Richland .....	124.50
	Northumberland .....	155.19		Saluda .....	80.27
	Perry .....	175.20		Spartanburg .....	213.62
	Philadelphia .....	1,551.70		Sumter .....	77.73
	Pike .....	58.83		Union .....	65.77
	Potter .....	90.63		Williamsburg .....	58.27
	Schuylkill .....	175.62		York .....	181.13
	Snyder .....	193.78	South Dakota .....	Aurora .....	70.68
	Somerset .....	85.18		Beadle .....	71.72
	Sullivan .....	108.12		Bennett .....	25.35
	Susquehanna .....	125.28		Bon Homme .....	106.10
	Tioga .....	100.35		Brookings .....	122.56
	Union .....	253.70		Brown .....	89.53
	Venango .....	100.35		Brule .....	68.66
	Warren .....	91.47		Buffalo .....	41.15
	Washington .....	172.08		Butte .....	25.54
	Wayne .....	113.49		Campbell .....	48.76
	Westmoreland .....	156.17		Charles Mix .....	74.25
	Wyoming .....	109.52		Clark .....	83.89
	York .....	216.75		Clay .....	125.22
Puerto Rico .....	All Areas .....	143.15		Codrington .....	92.33
Rhode Island .....	Bristol .....	1,007.65		Corson .....	24.47
	Kent .....	316.37		Custer .....	42.50
	Newport .....	545.50		Davison .....	90.49
	Providence .....	318.62		Day .....	70.44
	Washington .....	304.14		Deuel .....	91.83
South Carolina .....	Abbeville .....	80.35		Dewey .....	25.83
	Aiken .....	97.77		Douglas .....	99.10
	Allendale .....	57.25		Edmunds .....	65.51
	Anderson .....	147.29		Fall River .....	19.07
	Bamberg .....	76.10		Faulk .....	67.83
	Barnwell .....	72.28		Grant .....	99.31
	Beaufort .....	94.00		Gregory .....	50.04
	Berkeley .....	69.37		Haakon .....	24.58
	Calhoun .....	79.18		Hamlin .....	104.56
	Charleston .....	243.16		Hand .....	54.75
	Cherokee .....	87.31		Hanson .....	115.10
	Chester .....	86.24		Harding .....	17.71
	Chesterfield .....	76.61		Hughes .....	50.36
	Clarendon .....	59.02		Hutchinson .....	119.71
	Colleton .....	78.64		Hyde .....	40.67
	Darlington .....	67.38		Jackson .....	23.30
	Dillon .....	59.46		Jerauld .....	63.68
	Dorchester .....	72.96		Jones .....	30.44
	Edgefield .....	91.54		Kingsbury .....	101.47
	Fairfield .....	74.41		Lake .....	136.38
	Florence .....	82.17		Lawrence .....	47.64
	Georgetown .....	53.02		Lincoln .....	183.92
	Greenville .....	238.46		Lyman .....	43.97
	Greenwood .....	88.66		Marshall .....	74.94
	Hampton .....	63.30		McCook .....	116.30
	Horry .....	117.05		McPherson .....	57.36



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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Tennessee .....	Meade .....	25.33	Texas .....	Jefferson .....	137.29
	Mellette .....	25.70		Johnson .....	105.93
	Miner .....	94.09		Knox .....	262.50
	Minnehaha .....	171.75		Lake .....	93.61
	Moody .....	154.99		Lauderdale .....	90.25
	Pennington .....	17.94		Lawrence .....	87.88
	Perkins .....	28.18		Lewis .....	76.23
	Potter .....	22.13		Lincoln .....	97.67
	Roberts .....	56.30		Loudon .....	151.71
	Sanborn .....	80.08		Macon .....	100.33
	Shannon .....	76.09		Madison .....	87.00
	Spink .....	83.41		Marion .....	86.76
	Stanley .....	24.53		Marshall .....	93.27
	Sully .....	57.36		Maury .....	107.64
	Todd .....	22.64		McMinn .....	124.41
	Tripp .....	43.14		McNairy .....	58.74
	Turner .....	133.66		Meigs .....	88.71
	Union .....	156.46		Monroe .....	113.37
	Walworth .....	52.73		Montgomery .....	131.10
	Yankton .....	117.76		Moore .....	96.55
	Ziebach .....	22.77		Morgan .....	81.54
	Anderson .....	145.71		Obion .....	95.96
	Bedford .....	111.11		Overton .....	89.96
	Benton .....	66.36		Perry .....	59.09
	Bledsoe .....	91.85		Pickett .....	93.35
	Blount .....	171.60		Polk .....	109.67
	Bradley .....	161.71		Putnam .....	123.96
	Campbell .....	110.33		Rhea .....	114.94
	Cannon .....	95.64		Roane .....	140.41
	Carroll .....	72.92		Robertson .....	140.91
	Carter .....	138.62		Rutherford .....	196.27
	Cheatham .....	121.50		Scott .....	71.22
	Chester .....	67.72		Sequatchie .....	103.03
	Claiborne .....	83.40		Sevier .....	163.02
	Clay .....	88.87		Shelby .....	139.64
	Cocke .....	118.04		Smith .....	92.01
	Coffee .....	109.45		Stewart .....	70.66
	Crockett .....	89.72		Sullivan .....	188.38
	Cumberland .....	107.80		Sumner .....	141.63
	Davidson .....	239.38		Tipton .....	87.72
	Decatur .....	58.90		Trousdale .....	91.51
	DeKalb .....	90.23		Unicoi .....	190.51
	Dickson .....	112.01		Union .....	109.11
Dyer .....	89.69	Van Buren .....	89.32		
Fayette .....	89.93	Warren .....	92.15		
Fentress .....	92.57	Washington .....	209.87		
Franklin .....	109.35	Wayne .....	63.11		
Gibson .....	94.41	Weakley .....	96.41		
Giles .....	87.32	White .....	101.75		
Grainger .....	101.27	Williamson .....	161.61		
Greene .....	119.80	Wilson .....	130.94		
Grundy .....	92.23	Anderson .....	72.18		
Hamblen .....	146.83	Andrews .....	20.03		
Hamilton .....	262.63	Angelina .....	92.75		
Hancock .....	70.98	Aransas .....	42.86		
Hardeman .....	61.03	Archer .....	37.82		
Hardin .....	59.51	Armstrong .....	23.64		
Hawkins .....	99.37	Atascosa .....	58.11		
Haywood .....	88.50	Austin .....	99.41		
Henderson .....	67.24	Bailey .....	21.68		
Henry .....	88.63	Bandera .....	64.42		
Hickman .....	84.10	Bastrop .....	104.71		
Houston .....	86.20	Baylor .....	26.27		
Humphreys .....	74.20	Bee .....	52.10		
Jackson .....	82.79	Bell .....	83.53		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Bexar .....	151.16		Franklin .....	78.90
	Blanco .....	75.90		Freestone .....	65.28
	Borden .....	22.47		Frio .....	47.03
	Bosque .....	63.20		Gaines .....	29.40
	Bowie .....	76.43		Galveston .....	134.87
	Brazoria .....	119.14		Garza .....	25.58
	Brazos .....	144.79		Gillespie .....	77.35
	Brewster .....	17.33		Glasscock .....	23.39
	Briscoe .....	22.73		Goliad .....	67.65
	Brooks .....	39.50		Gonzales .....	80.94
	Brown .....	61.36		Gray .....	29.12
	Burleson .....	87.22		Grayson .....	172.31
	Burnet .....	75.44		Gregg .....	143.78
	Caldwell .....	97.25		Grimes .....	97.91
	Calhoun .....	54.57		Guadalupe .....	99.08
	Callahan .....	44.08		Hale .....	33.11
	Cameron .....	90.61		Hall .....	23.39
	Camp .....	83.84		Hamilton .....	63.88
	Carson .....	34.59		Hansford .....	34.16
	Cass .....	59.68		Hardeman .....	26.57
	Castro .....	35.12		Hardin .....	79.59
	Chambers .....	60.24		Harris .....	219.77
	Cherokee .....	79.08		Harrison .....	66.89
	Childress .....	23.54		Hartley .....	31.59
	Clay .....	48.97		Haskell .....	26.77
	Cochran .....	23.57		Hays .....	248.74
	Coke .....	24.48		Hemphill .....	28.35
	Coleman .....	41.82		Henderson .....	81.14
	Collin .....	253.14		Hidalgo .....	109.92
	Collingsworth .....	25.81		Hill .....	64.37
	Colorado .....	76.58		Hockley .....	25.66
	Comal .....	86.92		Hood .....	87.25
	Comanche .....	67.17		Hopkins .....	74.27
	Concho .....	37.54		Houston .....	71.04
	Cooke .....	84.17		Howard .....	23.54
	Coryell .....	66.33		Hudspeth .....	22.98
	Cottle .....	28.25		Hunt .....	78.75
	Crane .....	21.58		Hutchinson .....	24.64
	Crockett .....	20.67		Irion .....	25.32
	Crosby .....	24.69		Jack .....	59.38
	Culberson .....	18.73		Jackson .....	74.06
	Dallam .....	28.86		Jasper .....	81.62
	Dallas .....	206.08		Jeff Davis .....	17.49
	Dawson .....	26.47		Jefferson .....	59.94
	Deaf Smith .....	28.71		Jim Hogg .....	44.21
	Delta .....	50.09		Jim Wells .....	52.66
	Denton .....	243.06		Johnson .....	100.56
	DeWitt .....	78.19		Jones .....	29.04
	Dickens .....	27.11		Karnes .....	62.25
	Dimmit .....	35.89		Kaufman .....	76.61
	Donley .....	22.02		Kendall .....	78.80
	Duval .....	43.19		Kenedy .....	18.76
	Eastland .....	49.99		Kent .....	21.81
	Ector .....	29.47		Kerr .....	63.55
	Edwards .....	29.78		Kimble .....	50.70
	El Paso .....	102.19		King .....	17.64
	Ellis .....	81.72		Kinney .....	31.59
	Erath .....	80.58		Kleberg .....	33.60
	Falls .....	63.96		Knox .....	28.35
	Fannin .....	73.12		La Salle .....	40.32
	Fayette .....	102.62		Lamar .....	63.81
	Fisher .....	28.79		Lamb .....	31.71
	Floyd .....	25.60		Lampasas .....	71.98
	Foard .....	28.40		Lavaca .....	89.36
	Fort Bend .....	78.98		Lee .....	93.56

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
	Leon .....	77.30		Shelby .....	89.26
	Liberty .....	76.56		Sherman .....	36.42
	Limestone .....	46.88		Smith .....	133.57
	Lipscomb .....	28.61		Somervell .....	79.74
	Live Oak .....	54.95		Starr .....	46.68
	Llano .....	66.68		Stephens .....	44.51
	Loving .....	4.86		Sterling .....	17.26
	Lubbock .....	43.32		Stonewall .....	23.26
	Lynn .....	25.63		Sutton .....	32.32
	Madison .....	76.25		Swisher .....	26.62
	Marion .....	50.98		Tarrant .....	155.36
	Martin .....	22.65		Taylor .....	52.25
	Mason .....	59.00		Terrell .....	19.11
	Matagorda .....	61.01		Terry .....	25.94
	Maverick .....	35.76		Throckmorton .....	35.84
	McCulloch .....	50.16		Titus .....	64.14
	McLennan .....	91.83		Tom Green .....	40.01
	McMullen .....	46.22		Travis .....	159.22
	Medina .....	68.06		Trinity .....	67.29
	Menard .....	37.72		Tyler .....	86.84
	Midland .....	40.95		Upshur .....	87.63
	Milam .....	80.50		Upton .....	20.56
	Mills .....	63.86		Uvalde .....	33.06
	Mitchell .....	25.38		Val Verde .....	25.66
	Montague .....	69.53		Van Zandt .....	93.48
	Montgomery .....	290.50		Victoria .....	74.32
	Moore .....	28.86		Walker .....	93.64
	Morris .....	58.11		Waller .....	118.86
	Motley .....	21.56		Ward .....	27.08
	Nacogdoches .....	73.68		Washington .....	121.68
	Navarro .....	59.79		Webb .....	43.60
	Newton .....	56.53		Wharton .....	73.86
	Nolan .....	28.05		Wheeler .....	27.72
	Nueces .....	77.68		Wichita .....	37.52
	Ochiltree .....	31.36		Wilbarger .....	32.55
	Oldham .....	20.74		Willacy .....	44.72
	Orange .....	117.56		Williamson .....	94.73
	Palo Pinto .....	62.10		Wilson .....	80.78
	Panola .....	67.96		Winkler .....	28.53
	Parker .....	109.34		Wise .....	99.16
	Parmer .....	28.63		Wood .....	85.57
	Pecos .....	17.61		Yoakum .....	23.90
	Polk .....	76.63		Young .....	43.04
	Potter .....	25.86		Zapata .....	35.94
	Presidio .....	19.93		Zavala .....	44.31
	Rains .....	88.55	Utah .....	Beaver .....	24.83
	Randall .....	40.26		Box Elder .....	17.10
	Reagan .....	21.33		Cache .....	53.90
	Real .....	48.89		Carbon .....	13.81
	Red River .....	49.04		Daggett .....	30.97
	Reeves .....	13.39		Davis .....	104.01
	Refugio .....	31.81		Duchesne .....	10.89
	Roberts .....	19.37		Emery .....	23.43
	Robertson .....	73.53		Garfield .....	34.88
	Rockwall .....	140.90		Grand .....	9.19
	Runnels .....	35.20		Iron .....	21.80
	Rusk .....	65.18		Juab .....	14.80
	Sabine .....	57.42		Kane .....	20.23
	San Augustine .....	71.77		Millard .....	22.79
	San Jacinto .....	104.35		Morgan .....	24.54
	San Patricio .....	67.45		Piute .....	23.21
	San Saba .....	62.33		Rich .....	9.74
	Schleicher .....	30.06		Salt Lake .....	107.99
	Scurry .....	26.62		San Juan .....	4.09
	Shackelford .....	32.83		Sanpete .....	31.45

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
Vermont	Sevier .....	47.76	Washington	Hanover .....	133.61
	Summit .....	36.42		Henrico .....	160.97
	Tooele .....	15.34		Henry .....	78.57
	Uintah .....	7.03		Highland .....	84.86
	Utah .....	97.41		Isle of Wight .....	98.56
	Wasatch .....	61.98		James City .....	268.36
	Washington .....	41.68		King and Queen .....	89.61
	Wayne .....	50.63		King George .....	135.63
	Weber .....	103.94		King William .....	107.37
	Addison .....	87.76		Lancaster .....	112.43
	Bennington .....	125.41		Lee .....	70.21
	Caledonia .....	83.97		Loudoun .....	260.48
	Chittenden .....	168.07		Louisa .....	131.43
	Essex .....	51.47		Lunenburg .....	70.69
	Franklin .....	82.07		Madison .....	157.86
	Grand Isle .....	113.26		Mathews .....	113.52
	Lamoille .....	91.73		Mecklenburg .....	73.35
Orange .....	96.86	Middlesex .....		105.27	
Orleans .....	71.26	Montgomery .....		128.49	
Rutland .....	72.65	Nelson .....		134.62	
Washington .....	112.70	New Kent .....		142.05	
Windham .....	131.86	Northampton .....		121.67	
Windsor .....	101.70	Northumberland .....		79.77	
Accomack .....	113.26	Nottoway .....		84.23	
Albemarle .....	262.50	Orange .....		167.10	
Alleghany .....	111.85	Page .....		172.88	
Amelia .....	82.10	Patrick .....		73.64	
Amherst .....	123.50	Pittsylvania .....		75.23	
Appomattox .....	82.10	Powhatan .....		140.62	
Arlington .....	7,907.80	Prince Edward ...		75.58	
Augusta .....	185.73	Prince George ...		101.02	
Bath .....	97.57	Prince William ...		283.78	
Bedford .....	116.73	Pulaski .....		93.35	
Bland .....	91.44	Rappahannock ..		182.86	
Botetourt .....	111.40	Richmond .....	104.95		
Brunswick .....	66.71	Roanoke .....	152.40		
Buchanan .....	64.16	Rockbridge .....	130.51		
Buckingham .....	99.01	Rockingham .....	234.69		
Campbell .....	81.89	Russell .....	76.69		
Caroline .....	98.08	Scott .....	69.98		
Carroll .....	85.42	Shenandoah .....	156.14		
Charles City .....	89.51	Smyth .....	77.75		
Charlotte .....	69.55	Southampton .....	81.92		
Chesapeake City .....	155.18	Spotsylvania .....	149.58		
Chesterfield .....	244.56	Stafford .....	347.73		
Clarke .....	186.97	Suffolk .....	109.52		
Craig .....	79.34	Surry .....	89.67		
Culpeper .....	152.50	Sussex .....	73.64		
Cumberland .....	101.00	Tazewell .....	72.60		
Dickenson .....	74.83	Virginia Beach .....	256.02		
Dinwiddie .....	81.41	City.			
Essex .....	84.76	Warren .....	200.30		
Fairfax .....	445.97	Washington .....	133.69		
Fauquier .....	195.28	Westmoreland ...	99.03		
Floyd .....	100.89	Wise .....	82.18		
Fluvanna .....	114.50	Wythe .....	104.05		
Franklin .....	95.58	York .....	320.96		
Frederick .....	191.67	Adams .....	24.78		
Giles .....	81.55	Asotin .....	22.96		
Gloucester .....	125.17	Benton .....	67.65		
Goochland .....	144.09	Chelan .....	267.28		
Grayson .....	110.26	Clallam .....	221.62		
Greene .....	173.31	Clark .....	155.27		
Greensville .....	71.97	Columbia .....	28.26		
Halifax .....	70.35	Cowlitz .....	155.42		

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State	County	Fee/acre/yr	State	County	Fee/acre/yr
West Virginia	Douglas	20.48	Wisconsin	Ohio	96.56
	Ferry	8.99		Pendleton	59.95
	Franklin	79.75		Pleasants	61.50
	Garfield	27.30		Pocahontas	49.96
	Grant	59.38		Preston	73.20
	Grays Harbor	41.57		Putnam	76.37
	Island	190.55		Raleigh	98.83
	Jefferson	132.10		Randolph	64.62
	King	611.77		Ritchie	48.10
	Kitsap	610.31		Roane	51.43
	Kittitas	71.63		Summers	60.54
	Klickitat	30.86		Taylor	81.94
	Lewis	104.15		Tucker	76.29
	Lincoln	21.21		Tyler	50.97
	Mason	148.60		Upshur	70.48
	Okanogan	20.95		Wayne	53.53
	Pacific	60.12		Webster	61.26
	Pend Oreille	46.25		Wetzel	51.35
	Pierce	372.98		Wirt	48.18
	San Juan	164.14		Wood	88.81
	Skagit	175.82		Wyoming	89.18
	Skamania	209.70		Adams	118.07
	Snohomish	335.53		Ashland	58.76
	Spokane	64.70		Barron	89.93
	Stevens	27.23		Bayfield	57.63
	Thurston	206.19		Brown	223.44
	Wahkiakum	83.40		Buffalo	103.63
	Walla Walla	43.93		Burnett	71.62
	Whatcom	291.48		Calumet	207.11
	Whitman	30.30		Chippewa	93.61
	Yakima	47.82		Clark	106.74
	Barbour	62.22		Columbia	153.29
	Berkeley	142.53		Crawford	83.64
	Boone	62.32		Dane	216.71
	Braxton	54.73		Dodge	153.71
	Brooke	75.27		Door	125.12
	Cabell	94.97		Douglas	51.58
	Calhoun	48.58		Dunn	94.72
	Clay	45.88		Eau Claire	120.12
	Doddridge	56.73		Florence	66.47
	Fayette	77.62		Fond du Lac	191.35
	Gilmer	35.09		Forest	63.81
	Grant	69.87		Grant	124.07
	Greenbrier	69.44		Green	142.74
	Hampshire	80.04		Green Lake	150.45
	Hancock	121.88		Iowa	127.94
Hardy	85.61	Iron	89.45		
Harrison	66.72	Jackson	99.95		
Jackson	58.91	Jefferson	161.87		
Jefferson	156.49	Juneau	97.42		
Kanawha	103.41	Kenosha	199.24		
Lewis	57.56	Kewaunee	147.82		
Lincoln	49.11	La Crosse	131.17		
Logan	65.92	Lafayette	157.21		
Marion	78.98	Langlade	86.06		
Marshall	68.93	Lincoln	85.25		
Mason	64.75	Manitowoc	179.49		
McDowell	165.10	Marathon	124.96		
Mercer	67.01	Marinette	101.97		
Mineral	74.29	Marquette	109.84		
Mingo	29.74	Menominee	45.66		
Monongalia	120.71	Milwaukee	234.83		
Monroe	70.93	Monroe	104.34		
Morgan	139.46	Oconto	109.58		
Nicholas	69.68	Oneida	106.92		

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**§ 12.1**

State	County	Fee/acre/yr
	Outagamie .....	189.56
	Ozaukee .....	172.39
	Pepin .....	101.90
	Pierce .....	121.52
	Polk .....	93.03
	Portage .....	107.84
	Price .....	64.68
	Racine .....	202.06
	Richland .....	88.27
	Rock .....	173.31
	Rusk .....	65.36
	Sauk .....	110.65
	Sawyer .....	68.20
	Shawano .....	122.62
	Sheboygan .....	173.44
	St. Croix .....	123.31
	Taylor .....	77.20
	Trempealeau .....	104.11
	Vernon .....	102.16
	Vilas .....	155.53
	Walworth .....	182.36
	Washburn .....	82.27
	Washington .....	185.51
	Waukesha .....	144.85
	Waupaca .....	118.78
	Waushara .....	111.29
	Winnebago .....	183.36
	Wood .....	87.09
Wyoming .....	Albany .....	10.52
	Big Horn .....	22.87
	Campbell .....	8.14
	Carbon .....	7.91
	Converse .....	7.61
	Crook .....	14.09
	Fremont .....	18.33
	Goshen .....	12.40
	Hot Springs .....	8.94
	Johnson .....	8.46
	Laramie .....	12.20
	Lincoln .....	26.31
	Natrona .....	6.53
	Niobrara .....	9.02
	Park .....	21.50
	Platte .....	12.63
	Sheridan .....	17.61
	Sublette .....	23.76
	Sweetwater .....	4.26
	Teton .....	58.27
	Uinta .....	15.43
	Washakie .....	16.82
	Weston .....	9.63

- 12.3 Definitions.
- 12.4 Staff administrative responsibility and supervisory authority.
- 12.5 Responsibilities of licensee or applicant.

**Subpart B—Reports and Records**

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

**Subpart C—Emergency Action Plans**

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

**Subpart D—Inspection by Independent Consultant**

- 12.30 Applicability.
- 12.31 Definitions.
- 12.32 General inspection requirement.
- 12.33 Exemption.
- 12.34 Approval of independent consultant.
- 12.35 Specific inspection requirements.
- 12.36 Emergency corrective measures.
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**Subpart E—Other Responsibilities of Applicant or Licensee**

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

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

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

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[86 FR 8855, Feb. 10, 2021]

**PART 12—SAFETY OF WATER POWER PROJECTS AND PROJECT WORKS**

**Subpart A—General Provisions**

- Sec.
- 12.1 Applicability.
- 12.2 Rules of construction.

**Subpart A—General Provisions**

**§ 12.1 Applicability.**

- (a) Except as otherwise provided in this part or ordered by the Commission or its authorized representative, the provisions of this part apply to:
  - (1) Any project licensed under Part I of the Federal Power Act;