

# AN ACT

To amend sections 4928.143, 4928.64, 4928.643, 4928.645, 4928.65, 4928.66, 4928.662, 4928.6610, and 5727.75 and to enact sections 4928.6620 and 4928.6621 of the Revised Code and to amend Section 6 of Sub. S.B. 310 of the 130th General Assembly and Section 257.80 of Am. Sub. H.B. 64 of the 131st General Assembly to revise the requirements for renewable energy, energy efficiency, and peak demand reduction and to alter funding allocations under the Home Energy Assistance Program.

*Be it enacted by the General Assembly of the State of Ohio:*

SECTION 1. That sections 4928.143, 4928.64, 4928.643, 4928.645, 4928.65, 4928.66, 4928.662, 4928.6610, and 5727.75 be amended and sections 4928.6620 and 4928.6621 of the Revised Code be enacted to read as follows:

Sec. 4928.143. (A) For the purpose of complying with section 4928.141 of the Revised Code, an electric distribution utility may file an application for public utilities commission approval of an electric security plan as prescribed under division (B) of this section. The utility may file that application prior to the effective date of any rules the commission may adopt for the purpose of this section, and, as the commission determines necessary, the utility immediately shall conform its filing to those rules upon their taking effect.

(B) Notwithstanding any other provision of Title XLIX of the Revised Code to the contrary except division (D) of this section, divisions (I), (J), and (K) of section 4928.20, division ~~(E)~~(F) of section 4928.64, and section 4928.69 of the Revised Code:

(1) An electric security plan shall include provisions relating to the supply and pricing of electric generation service. In addition, if the proposed electric security plan has a term longer than three years, it may include provisions in the plan to permit the commission to test the plan pursuant to division (E) of this section and any transitional conditions that should be adopted by the commission if the commission terminates the plan as authorized under that division.

(2) The plan may provide for or include, without limitation, any of the following:

(a) Automatic recovery of any of the following costs of the electric distribution utility, provided the cost is prudently incurred: the cost of fuel used to generate the electricity supplied under the offer; the cost of purchased power supplied under the offer, including the cost of energy and capacity, and including purchased power acquired from an affiliate; the cost of emission allowances; and the cost of federally mandated carbon or energy taxes;

(b) A reasonable allowance for construction work in progress for any of the electric distribution utility's cost of constructing an electric generating facility or for an environmental expenditure for any electric generating facility of the electric distribution utility, provided the cost is

incurred or the expenditure occurs on or after January 1, 2009. Any such allowance shall be subject to the construction work in progress allowance limitations of division (A) of section 4909.15 of the Revised Code, except that the commission may authorize such an allowance upon the incurrence of the cost or occurrence of the expenditure. No such allowance for generating facility construction shall be authorized, however, unless the commission first determines in the proceeding that there is need for the facility based on resource planning projections submitted by the electric distribution utility. Further, no such allowance shall be authorized unless the facility's construction was sourced through a competitive bid process, regarding which process the commission may adopt rules. An allowance approved under division (B)(2)(b) of this section shall be established as a nonbypassable surcharge for the life of the facility.

(c) The establishment of a nonbypassable surcharge for the life of an electric generating facility that is owned or operated by the electric distribution utility, was sourced through a competitive bid process subject to any such rules as the commission adopts under division (B)(2)(b) of this section, and is newly used and useful on or after January 1, 2009, which surcharge shall cover all costs of the utility specified in the application, excluding costs recovered through a surcharge under division (B)(2)(b) of this section. However, no surcharge shall be authorized unless the commission first determines in the proceeding that there is need for the facility based on resource planning projections submitted by the electric distribution utility. Additionally, if a surcharge is authorized for a facility pursuant to plan approval under division (C) of this section and as a condition of the continuation of the surcharge, the electric distribution utility shall dedicate to Ohio consumers the capacity and energy and the rate associated with the cost of that facility. Before the commission authorizes any surcharge pursuant to this division, it may consider, as applicable, the effects of any decommissioning, deratings, and retirements.

(d) Terms, conditions, or charges relating to limitations on customer shopping for retail electric generation service, bypassability, standby, back-up, or supplemental power service, default service, carrying costs, amortization periods, and accounting or deferrals, including future recovery of such deferrals, as would have the effect of stabilizing or providing certainty regarding retail electric service;

(e) Automatic increases or decreases in any component of the standard service offer price;

(f) Consistent with sections 4928.23 to 4928.2318 of the Revised Code, both of the following:

(i) Provisions for the electric distribution utility to securitize any phase-in, inclusive of carrying charges, of the utility's standard service offer price, which phase-in is authorized in accordance with section 4928.144 of the Revised Code;

(ii) Provisions for the recovery of the utility's cost of securitization.

(g) Provisions relating to transmission, ancillary, congestion, or any related service required for the standard service offer, including provisions for the recovery of any cost of such service that the electric distribution utility incurs on or after that date pursuant to the standard service offer;

(h) Provisions regarding the utility's distribution service, including, without limitation and notwithstanding any provision of Title XLIX of the Revised Code to the contrary, provisions regarding single issue ratemaking, a revenue decoupling mechanism or any other incentive ratemaking, and provisions regarding distribution infrastructure and modernization incentives for the

electric distribution utility. The latter may include a long-term energy delivery infrastructure modernization plan for that utility or any plan providing for the utility's recovery of costs, including lost revenue, shared savings, and avoided costs, and a just and reasonable rate of return on such infrastructure modernization. As part of its determination as to whether to allow in an electric distribution utility's electric security plan inclusion of any provision described in division (B)(2)(h) of this section, the commission shall examine the reliability of the electric distribution utility's distribution system and ensure that customers' and the electric distribution utility's expectations are aligned and that the electric distribution utility is placing sufficient emphasis on and dedicating sufficient resources to the reliability of its distribution system.

(i) Provisions under which the electric distribution utility may implement economic development, job retention, and energy efficiency programs, which provisions may allocate program costs across all classes of customers of the utility and those of electric distribution utilities in the same holding company system.

(C)(1) The burden of proof in the proceeding shall be on the electric distribution utility. The commission shall issue an order under this division for an initial application under this section not later than one hundred fifty days after the application's filing date and, for any subsequent application by the utility under this section, not later than two hundred seventy-five days after the application's filing date. Subject to division (D) of this section, the commission by order shall approve or modify and approve an application filed under division (A) of this section if it finds that the electric security plan so approved, including its pricing and all other terms and conditions, including any deferrals and any future recovery of deferrals, is more favorable in the aggregate as compared to the expected results that would otherwise apply under section 4928.142 of the Revised Code. Additionally, if the commission so approves an application that contains a surcharge under division (B)(2)(b) or (c) of this section, the commission shall ensure that the benefits derived for any purpose for which the surcharge is established are reserved and made available to those that bear the surcharge. Otherwise, the commission by order shall disapprove the application.

(2)(a) If the commission modifies and approves an application under division (C)(1) of this section, the electric distribution utility may withdraw the application, thereby terminating it, and may file a new standard service offer under this section or a standard service offer under section 4928.142 of the Revised Code.

(b) If the utility terminates an application pursuant to division (C)(2)(a) of this section or if the commission disapproves an application under division (C)(1) of this section, the commission shall issue such order as is necessary to continue the provisions, terms, and conditions of the utility's most recent standard service offer, along with any expected increases or decreases in fuel costs from those contained in that offer, until a subsequent offer is authorized pursuant to this section or section 4928.142 of the Revised Code, respectively.

(D) Regarding the rate plan requirement of division (A) of section 4928.141 of the Revised Code, if an electric distribution utility that has a rate plan that extends beyond December 31, 2008, files an application under this section for the purpose of its compliance with division (A) of section 4928.141 of the Revised Code, that rate plan and its terms and conditions are hereby incorporated into its proposed electric security plan and shall continue in effect until the date scheduled under the rate plan for its expiration, and that portion of the electric security plan shall not be subject to

commission approval or disapproval under division (C) of this section, and the earnings test provided for in division (F) of this section shall not apply until after the expiration of the rate plan. However, that utility may include in its electric security plan under this section, and the commission may approve, modify and approve, or disapprove subject to division (C) of this section, provisions for the incremental recovery or the deferral of any costs that are not being recovered under the rate plan and that the utility incurs during that continuation period to comply with section 4928.141, division (B) of section 4928.64, or division (A) of section 4928.66 of the Revised Code.

(E) If an electric security plan approved under division (C) of this section, except one withdrawn by the utility as authorized under that division, has a term, exclusive of phase-ins or deferrals, that exceeds three years from the effective date of the plan, the commission shall test the plan in the fourth year, and if applicable, every fourth year thereafter, to determine whether the plan, including its then-existing pricing and all other terms and conditions, including any deferrals and any future recovery of deferrals, continues to be more favorable in the aggregate and during the remaining term of the plan as compared to the expected results that would otherwise apply under section 4928.142 of the Revised Code. The commission shall also determine the prospective effect of the electric security plan to determine if that effect is substantially likely to provide the electric distribution utility with a return on common equity that is significantly in excess of the return on common equity that is likely to be earned by publicly traded companies, including utilities, that face comparable business and financial risk, with such adjustments for capital structure as may be appropriate. The burden of proof for demonstrating that significantly excessive earnings will not occur shall be on the electric distribution utility. If the test results are in the negative or the commission finds that continuation of the electric security plan will result in a return on equity that is significantly in excess of the return on common equity that is likely to be earned by publicly traded companies, including utilities, that will face comparable business and financial risk, with such adjustments for capital structure as may be appropriate, during the balance of the plan, the commission may terminate the electric security plan, but not until it shall have provided interested parties with notice and an opportunity to be heard. The commission may impose such conditions on the plan's termination as it considers reasonable and necessary to accommodate the transition from an approved plan to the more advantageous alternative. In the event of an electric security plan's termination pursuant to this division, the commission shall permit the continued deferral and phase-in of any amounts that occurred prior to that termination and the recovery of those amounts as contemplated under that electric security plan.

(F) With regard to the provisions that are included in an electric security plan under this section, the commission shall consider, following the end of each annual period of the plan, if any such adjustments resulted in excessive earnings as measured by whether the earned return on common equity of the electric distribution utility is significantly in excess of the return on common equity that was earned during the same period by publicly traded companies, including utilities, that face comparable business and financial risk, with such adjustments for capital structure as may be appropriate. Consideration also shall be given to the capital requirements of future committed investments in this state. The burden of proof for demonstrating that significantly excessive earnings did not occur shall be on the electric distribution utility. If the commission finds that such adjustments, in the aggregate, did result in significantly excessive earnings, it shall require the

electric distribution utility to return to consumers the amount of the excess by prospective adjustments; provided that, upon making such prospective adjustments, the electric distribution utility shall have the right to terminate the plan and immediately file an application pursuant to section 4928.142 of the Revised Code. Upon termination of a plan under this division, rates shall be set on the same basis as specified in division (C)(2)(b) of this section, and the commission shall permit the continued deferral and phase-in of any amounts that occurred prior to that termination and the recovery of those amounts as contemplated under that electric security plan. In making its determination of significantly excessive earnings under this division, the commission shall not consider, directly or indirectly, the revenue, expenses, or earnings of any affiliate or parent company.

Sec. 4928.64. (A)(1) As used in this section, "qualifying renewable energy resource" means a renewable energy resource, as defined in section 4928.01 of the Revised Code that has a placed-in-service date on or after January 1, 1998, or with respect to any run-of-the-river hydroelectric facility, an in-service date on or after January 1, 1980; a renewable energy resource created on or after January 1, 1998, by the modification or retrofit of any facility placed in service prior to January 1, 1998; or a mercantile customer-sited renewable energy resource, whether new or existing, that the mercantile customer commits for integration into the electric distribution utility's demand-response, energy efficiency, or peak demand reduction programs as provided under division (A)(2)(c) of section 4928.66 of the Revised Code, including, but not limited to, any of the following:

(a) A resource that has the effect of improving the relationship between real and reactive power;

(b) A resource that makes efficient use of waste heat or other thermal capabilities owned or controlled by a mercantile customer;

(c) Storage technology that allows a mercantile customer more flexibility to modify its demand or load and usage characteristics;

(d) Electric generation equipment owned or controlled by a mercantile customer that uses a renewable energy resource.

(2) For the purpose of this section and as it considers appropriate, the public utilities commission may classify any new technology as such a qualifying renewable energy resource.

(B)(1) By 2027 and thereafter, an electric distribution utility shall provide from qualifying renewable energy resources, including, at its discretion, qualifying renewable energy resources obtained pursuant to an electricity supply contract, a portion of the electricity supply required for its standard service offer under section 4928.141 of the Revised Code, and an electric services company shall provide a portion of its electricity supply for retail consumers in this state from qualifying renewable energy resources, including, at its discretion, qualifying renewable energy resources obtained pursuant to an electricity supply contract. That portion shall equal twelve and one-half per cent of the total number of kilowatt hours of electricity sold by the subject utility or company to any and all retail electric consumers whose electric load centers are served by that utility and are located within the utility's certified territory or, in the case of an electric services company, are served by the company and are located within this state. However, nothing in this section precludes a utility or company from providing a greater percentage.

(2) The portion required under division (B)(1) of this section shall be generated from renewable energy resources, including one-half per cent from solar energy resources, in accordance

with the following benchmarks, subject to section 4928.6620 of the Revised Code:

By end of year	Renewable energy resources	Solar energy resources
2009	0.25%	0.004%
2010	0.50%	0.010%
2011	1%	0.030%
2012	1.5%	0.060%
2013	2%	0.090%
2014	2.5%	0.12%
2015	2.5%	0.12%
2016	2.5%	0.12%
2017	3.5%	0.15%
2018	4.5%	0.18%
2019	5.5%	0.22%
2020	6.5%	0.26%
2021	7.5%	0.3%
2022	8.5%	0.34%
2023	9.5%	0.38%
2024	10.5%	0.42%
2025	11.5%	0.46%
2026 and each calendar year thereafter	12.5%	0.5%.

(3) The qualifying renewable energy resources implemented by the utility or company shall be met either:

- (a) Through facilities located in this state; or
- (b) With resources that can be shown to be deliverable into this state.

(C) Beginning in 2020:

(1) ~~The~~ Based on the information reported under section 4928.6620 of the Revised Code and any other information that is public, the commission annually shall review an electric distribution utility's or electric services company's compliance with the ~~most recent applicable~~ benchmark under division (B)(2) of this section for the previous year and, in the course of that review, shall identify any undercompliance or noncompliance of the utility or company that it determines is weather-related, related to equipment or resource shortages for qualifying renewable energy resources as applicable, or is otherwise outside the utility's or company's control.

(2) Subject to the cost cap provisions of division (C)(3) of this section, if the commission determines, after notice and opportunity for hearing, and based upon its findings in ~~that the review under division (C)(1) of this section~~ regarding avoidable undercompliance or noncompliance, but subject to division (C)(4) of this section, that the utility or company has failed to comply with ~~any such the benchmark for the previous year~~, the commission shall impose a renewable energy compliance payment on the utility or company.

(a) The compliance payment pertaining to the solar energy resource benchmarks under division (B)(2) of this section shall be an amount per megawatt hour of undercompliance or noncompliance in the period under review, as follows:

~~(i) Three hundred dollars for 2014, 2015, and 2016;~~

~~(ii) Two hundred fifty dollars for 2017 and 2018;~~

~~(iii) Two hundred dollars for 2019 and 2020;~~

~~(iv)-(ii) One hundred fifty dollars for 2021 and 2022;~~

~~(iii)~~ Similarly reduced every two years thereafter through 2026 by fifty dollars, to a minimum of fifty dollars.

(b) The compliance payment pertaining to the renewable energy resource benchmarks under division (B)(2) of this section shall equal the number of additional renewable energy credits that the electric distribution utility or electric services company would have needed to comply with the applicable benchmark in the period under review times an amount that shall begin at forty-five dollars and shall be adjusted annually by the commission to reflect any change in the consumer price index as defined in section 101.27 of the Revised Code, but shall not be less than forty-five dollars.

(c) The compliance payment shall not be passed through by the electric distribution utility or electric services company to consumers. The compliance payment shall be remitted to the commission, for deposit to the credit of the advanced energy fund created under section 4928.61 of the Revised Code. Payment of the compliance payment shall be subject to such collection and enforcement procedures as apply to the collection of a forfeiture under sections 4905.55 to 4905.60 and 4905.64 of the Revised Code.

(3) An electric distribution utility or an electric services company need not comply with a benchmark under division (B)(2) of this section to the extent that its reasonably expected cost of that compliance exceeds its reasonably expected cost of otherwise producing or acquiring the requisite electricity by three per cent or more. The cost of compliance shall be calculated as though any exemption from taxes and assessments had not been granted under section 5727.75 of the Revised Code.

(4)(a) An electric distribution utility or electric services company may request the commission to make a force majeure determination pursuant to this division regarding all or part of the utility's or company's compliance with any minimum benchmark under division (B)(2) of this section during the period of review occurring pursuant to division (C)(2) of this section. The commission may require the electric distribution utility or electric services company to make solicitations for renewable energy resource credits as part of its default service before the utility's or company's request of force majeure under this division can be made.

(b) Within ninety days after the filing of a request by an electric distribution utility or electric services company under division (C)(4)(a) of this section, the commission shall determine if

qualifying renewable energy resources are reasonably available in the marketplace in sufficient quantities for the utility or company to comply with the subject minimum benchmark during the review period. In making this determination, the commission shall consider whether the electric distribution utility or electric services company has made a good faith effort to acquire sufficient qualifying renewable energy or, as applicable, solar energy resources to so comply, including, but not limited to, by banking or seeking renewable energy resource credits or by seeking the resources through long-term contracts. Additionally, the commission shall consider the availability of qualifying renewable energy or solar energy resources in this state and other jurisdictions in the PJM interconnection regional transmission organization, L.L.C., or its successor and the midcontinent independent system operator or its successor.

(c) If, pursuant to division (C)(4)(b) of this section, the commission determines that qualifying renewable energy or solar energy resources are not reasonably available to permit the electric distribution utility or electric services company to comply, during the period of review, with the subject minimum benchmark prescribed under division (B)(2) of this section, the commission shall modify that compliance obligation of the utility or company as it determines appropriate to accommodate the finding. Commission modification shall not automatically reduce the obligation for the electric distribution utility's or electric services company's compliance in subsequent years. If it modifies the electric distribution utility or electric services company obligation under division (C)(4)(c) of this section, the commission may require the utility or company, if sufficient renewable energy resource credits exist in the marketplace, to acquire additional renewable energy resource credits in subsequent years equivalent to the utility's or company's modified obligation under division (C)(4)(c) of this section.

~~(5)-(D) The sole penalty for an electric distribution utility's or electric services company's failure to comply with any provision of division (B)(2) of this section shall be the imposition of compliance payments in accordance with division (C) of this section.~~

(E) The commission shall establish a process to provide for at least an annual review of the renewable energy resource market in this state and in the service territories of the regional transmission organizations that manage transmission systems located in this state. The commission shall use the results of this study to identify any needed changes to the amount of the renewable energy compliance payment specified under divisions (C)(2)(a) and (b) of this section. Specifically, the commission may increase the amount to ensure that payment of compliance payments is not used to achieve compliance with this section in lieu of actually acquiring or realizing energy derived from qualifying renewable energy resources. However, if the commission finds that the amount of the compliance payment should be otherwise changed, the commission shall present this finding to the general assembly for legislative enactment.

~~(D) The commission annually shall submit to the general assembly in accordance with section 101.68 of the Revised Code a report describing all of the following:~~

~~(1) The compliance of electric distribution utilities and electric services companies with division (B) of this section;~~

~~(2) The average annual cost of renewable energy credits purchased by utilities and companies for the year covered in the report;~~

~~(3) Any strategy for utility and company compliance or for encouraging the use of qualifying~~



~~renewable energy resources in supplying this state's electricity needs in a manner that considers available technology, costs, job creation, and economic impacts.~~

~~The commission shall begin providing the information described in division (D)(2) of this section in each report submitted after September 10, 2012. The commission shall allow and consider public comments on the report prior to its submission to the general assembly. Nothing in the report shall be binding on any person, including any utility or company for the purpose of its compliance with any benchmark under division (B) of this section, or the enforcement of that provision under division (C) of this section.~~

~~(E)-(F) All costs incurred by an electric distribution utility in complying with the requirements-provisions of this section shall be bypassable by any consumer that has exercised choice of supplier under section 4928.03 of the Revised Code.~~

Sec. 4928.643. (A) Except as provided in division (B) of this section and section 4928.644 of the Revised Code, the baseline for an electric distribution utility's or an electric services company's compliance with the qualified renewable energy resource ~~requirements-provisions~~ of section 4928.64 of the Revised Code shall be the average of total kilowatt hours sold by the utility or company in the preceding three calendar years to the following:

(1) In the case of an electric distribution utility, any and all retail electric consumers whose electric load centers are served by that utility and are located within the utility's certified territory;

(2) In the case of an electric services company, any and all retail electric consumers who are served by the company and are located within this state.

(B) Beginning with compliance year 2014, a utility or company may choose for its baseline for compliance with the qualified renewable energy resource ~~requirements-provisions~~ of section 4928.64 of the Revised Code to be the total kilowatt hours sold to the applicable consumers, as described in division (A)(1) or (2) of this section, in the applicable compliance year.

(C) A utility or company that uses the baseline permitted under division (B) of this section may use the baseline described in division (A) of this section in any subsequent compliance year. A utility or company that makes this switch shall use the baseline described in division (A) of this section for at least three consecutive compliance years before again using the baseline permitted under division (B) of this section.

Sec. 4928.645. (A) An electric distribution utility or electric services company may use, for the purpose of complying with the ~~requirements-provisions~~ under divisions (B)(1) and (2) of section 4928.64 of the Revised Code, renewable energy credits any time in the five calendar years following the date of their purchase or acquisition from any entity, including, but not limited to, the following:

(1) A mercantile customer;

(2) An owner or operator of a hydroelectric generating facility that is located at a dam on a river, or on any water discharged to a river, that is within or bordering this state or within or bordering an adjoining state, or that produces power that can be shown to be deliverable into this state;

(3) A seller of compressed natural gas that has been produced from biologically derived methane gas, provided that the seller may only provide renewable energy credits for metered amounts of gas.

(B)(1) The public utilities commission shall adopt rules specifying that one unit of credit

shall equal one megawatt hour of electricity derived from renewable energy resources, except that, for a generating facility of seventy-five megawatts or greater that is situated within this state and has committed by December 31, 2009, to modify or retrofit its generating unit or units to enable the facility to generate principally from biomass energy by June 30, 2013, each megawatt hour of electricity generated principally from that biomass energy shall equal, in units of credit, the product obtained by multiplying the actual percentage of biomass feedstock heat input used to generate such megawatt hour by the quotient obtained by dividing the then existing unit dollar amount used to determine a renewable energy compliance payment as provided under division (C)(2)(b) of section 4928.64 of the Revised Code by the then existing market value of one renewable energy credit, but such megawatt hour shall not equal less than one unit of credit. Renewable energy resources do not have to be converted to electricity in order to be eligible to receive renewable energy credits. The rules shall specify that, for purposes of converting the quantity of energy derived from biologically derived methane gas to an electricity equivalent, one megawatt hour equals 3,412,142 British thermal units.

(2) The rules also shall provide for this state a system of registering renewable energy credits by specifying which of any generally available registries shall be used for that purpose and not by creating a registry. That selected system of registering renewable energy credits shall allow a hydroelectric generating facility to be eligible for obtaining renewable energy credits and shall allow customer-sited projects or actions the broadest opportunities to be eligible for obtaining renewable energy credits.

Sec. 4928.65. (A) Not later than January 1, 2015, the public utilities commission shall adopt rules governing the disclosure of the costs to customers of the renewable energy resource, energy efficiency savings, and peak demand reduction ~~requirements~~ provisions of sections 4928.64 and 4928.66 of the Revised Code. The rules shall include both of the following requirements:

(1) That every electric distribution utility list, on all customer bills sent by the utility, including utility consolidated bills that include both electric distribution utility and electric services company charges, the individual customer cost of the utility's compliance with all of the following for the applicable billing period:

(a) The renewable energy resource ~~requirements~~ provisions under section 4928.64 of the Revised Code, subject to division (B) of this section;

(b) The energy efficiency savings ~~requirements~~ provisions under section 4928.66 of the Revised Code;

(c) The peak demand reduction ~~requirements~~ provisions under section 4928.66 of the Revised Code.

(2) That every electric services company list, on all customer bills sent by the company, the individual customer cost, subject to division (B) of this section, of the company's compliance with the renewable energy resource ~~requirements~~ provisions under section 4928.64 of the Revised Code for the applicable billing period.

(B)(1) For purposes of division (A)(1)(a) of this section, the cost of compliance with the renewable energy resource ~~requirements~~ provisions shall be calculated by multiplying the individual customer's monthly usage by the combined weighted average of renewable-energy-credit costs, including solar-renewable-energy-credit costs, paid by all electric distribution utilities, as listed in the

commission's most recently available alternative energy portfolio standard report.

(2) For purposes of division (A)(2) of this section, the cost of compliance with the renewable energy resource ~~requirements-provisions~~ shall be calculated by multiplying the individual customer's monthly usage by the combined weighted average of renewable-energy-credit costs, including solar-renewable-energy-credit costs, paid by all electric services companies, as listed in the commission's most recently available alternative energy portfolio standard report.

(C) The costs required to be listed under division (A)(1) of this section shall be listed on each customer's monthly bill as three distinct line items. The cost required to be listed under division (A)(2) of this section shall be listed on each customer's monthly bill as a distinct line item.

Sec. 4928.66. (A)(1)(a) Beginning in 2009, an electric distribution utility shall implement energy efficiency programs that achieve energy savings equivalent to at least three-tenths of one per cent of the total, annual average, and normalized kilowatt-hour sales of the electric distribution utility during the preceding three calendar years to customers in this state. An energy efficiency program may include a combined heat and power system placed into service or retrofitted on or after the effective date of the amendment of this section by S.B. 315 of the 129th general assembly, September 10, 2012, or a waste energy recovery system placed into service or retrofitted on or after September 10, 2012, except that a waste energy recovery system described in division (A)(38)(b) of section 4928.01 of the Revised Code may be included only if it was placed into service between January 1, 2002, and December 31, 2004. For a waste energy recovery or combined heat and power system, the savings shall be as estimated by the public utilities commission. The savings requirement, using such a three-year average, shall increase to an additional five-tenths of one per cent in 2010, seven-tenths of one per cent in 2011, eight-tenths of one per cent in 2012, nine-tenths of one per cent in 2013, and one per cent in 2014. In 2015 and 2016, an electric distribution utility shall achieve energy savings equal to the result of subtracting the cumulative energy savings achieved since 2009 from the product of multiplying the baseline for energy savings, described in division (A)(2)(a) of this section, by four and two-tenths of one per cent. If the result is zero or less for the year for which the calculation is being made, the utility shall not be required to achieve additional energy savings for that year, but may achieve additional energy savings for that year. Thereafter, the annual savings requirements shall be, for years 2017, 2018, 2019, ~~and 2020~~, 2021, 2022, 2023, 2024, and 2025, one per cent of the baseline, and two per cent ~~each year thereafter~~ for years 2026 and 2027, achieving cumulative energy savings in excess of ~~twenty-two-seventeen~~ per cent by the end of 2027. For purposes of a waste energy recovery or combined heat and power system, an electric distribution utility shall not apply more than the total annual percentage of the electric distribution utility's industrial-customer load, relative to the electric distribution utility's total load, to the annual energy savings requirement.

(b) Beginning in 2009, an electric distribution utility shall implement peak demand reduction programs designed to achieve a one per cent reduction in peak demand in 2009 and an additional seventy-five hundredths of one per cent reduction each year through 2014. In 2015 and 2016, an electric distribution utility shall achieve a reduction in peak demand equal to the result of subtracting the cumulative peak demand reductions achieved since 2009 from the product of multiplying the baseline for peak demand reduction, described in division (A)(2)(a) of this section, by four and seventy-five hundredths of one per cent. If the result is zero or less for the year for which the calculation is being made, the utility shall not be required to achieve an additional reduction in peak

demand for that year, but may achieve an additional reduction in peak demand for that year. In 2017 and each year thereafter through 2020, the utility shall achieve an additional seventy-five hundredths of one per cent reduction in peak demand.

(c) Subject to section 4928.6620 of the Revised Code, noncompliance with the provisions of divisions (A)(1)(a) and (b) of this section shall be subject to forfeitures under division (C) of this section only for the requirements for years 2016, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, and 2027, as applicable. The sole penalty for an electric distribution utility's failure to comply with any provision of divisions (A)(1)(a) and (b) of this section shall be the assessment of forfeitures in accordance with division (C) of this section.

(2) For the purposes of divisions (A)(1)(a) and (b) of this section:

(a) The baseline for energy savings under division (A)(1)(a) of this section shall be the average of the total kilowatt hours the electric distribution utility sold in the preceding three calendar years. The baseline for a peak demand reduction under division (A)(1)(b) of this section shall be the average peak demand on the utility in the preceding three calendar years, except that the commission may reduce either baseline to adjust for new economic growth in the utility's certified territory. Neither baseline shall include the load and usage of any of the following customers:

(i) Beginning January 1, 2017, a customer for which a reasonable arrangement has been approved under section 4905.31 of the Revised Code;

(ii) A customer that has opted out of the utility's portfolio plan under section 4928.6611 of the Revised Code;

(iii) A customer that has opted out of the utility's portfolio plan under Section 8 of S.B. 310 of the 130th general assembly.

(b) The commission may amend the benchmarks set forth in division (A)(1)(a) or (b) of this section if, after application by the electric distribution utility, the commission determines that the amendment is necessary because the utility cannot reasonably achieve the benchmarks due to regulatory, economic, or technological reasons beyond its reasonable control.

(c) Compliance with divisions (A)(1)(a) and (b) of this section shall be measured by including the effects of all demand-response programs for mercantile customers of the subject electric distribution utility, all waste energy recovery systems and all combined heat and power systems, and all such mercantile customer-sited energy efficiency, including waste energy recovery and combined heat and power, and peak demand reduction programs, adjusted upward by the appropriate loss factors. Any mechanism designed to recover the cost of energy efficiency, including waste energy recovery and combined heat and power, and peak demand reduction programs under divisions (A)(1)(a) and (b) of this section may exempt mercantile customers that commit their demand-response or other customer-sited capabilities, whether existing or new, for integration into the electric distribution utility's demand-response, energy efficiency, including waste energy recovery and combined heat and power, or peak demand reduction programs, if the commission determines that that exemption reasonably encourages such customers to commit those capabilities to those programs. If a mercantile customer makes such existing or new demand-response, energy efficiency, including waste energy recovery and combined heat and power, or peak demand reduction capability available to an electric distribution utility pursuant to division (A)(2)(c) of this section, the electric utility's baseline under division (A)(2)(a) of this section shall be adjusted to exclude the effects of all

such demand-response, energy efficiency, including waste energy recovery and combined heat and power, or peak demand reduction programs that may have existed during the period used to establish the baseline. The baseline also shall be normalized for changes in numbers of customers, sales, weather, peak demand, and other appropriate factors so that the compliance measurement is not unduly influenced by factors outside the control of the electric distribution utility.

(d)(i) Programs implemented by a utility may include the following:

(I) Demand-response programs;

(II) Smart grid investment programs, provided that such programs are demonstrated to be cost-beneficial;

(III) Customer-sited programs, including waste energy recovery and combined heat and power systems;

(IV) Transmission and distribution infrastructure improvements that reduce line losses;

(V) Energy intensity reductions resulting from heat rate improvements at electric generating plants. As used in this division, "energy intensity" has the same meaning as in section 4928.6610 of the Revised Code.

~~(VI) Energy efficiency savings and peak demand reduction that are achieved, in whole or in part, as a result of funding provided from the universal service fund established by section 4928.51 of the Revised Code to benefit low-income customers through programs that include, but are not limited to, energy audits, the installation of energy efficiency insulation, appliances, and windows, and other weatherization measures.~~

(ii) No energy efficiency or peak demand reduction achieved under divisions (A)(2)(d)(i)(IV) ~~and (V), and (VI)~~ of this section shall qualify for shared savings.

(iii) Division (A)(2)(c) of this section shall be applied to include facilitating efforts by a mercantile customer or group of those customers to offer customer-sited demand-response, energy efficiency, including waste energy recovery and combined heat and power, or peak demand reduction capabilities to the electric distribution utility as part of a reasonable arrangement submitted to the commission pursuant to section 4905.31 of the Revised Code.

(e) No programs or improvements described in division (A)(2)(d) of this section shall conflict with any statewide building code adopted by the board of building standards.

(B) In accordance with rules it shall adopt, the public utilities commission shall produce and docket at the commission an annual report, based on the information reported under section 4928.6620 of the Revised Code and any other information that is public, containing the results of its verification of the annual levels of energy efficiency and of peak demand reductions achieved by each electric distribution utility pursuant to division (A) of this section. A copy of the report shall be provided to the consumers' counsel.

(C) If the commission determines, after notice and opportunity for hearing and based upon its report under division (B) of this section, that an electric distribution utility has failed to comply with an energy efficiency or peak demand reduction requirement ~~of for years 2016, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, or 2027, as applicable,~~ under division (A) of this section, the commission shall assess a forfeiture on the utility as provided under sections 4905.55 to 4905.60 and 4905.64 of the Revised Code, either in the amount, per day per undercompliance or noncompliance, relative to the period of the report, equal to that prescribed for noncompliances under section 4905.54

of the Revised Code, or in an amount equal to the then existing market value of one renewable energy credit per megawatt hour of undercompliance or noncompliance. Revenue from any forfeiture assessed under this division shall be deposited to the credit of the advanced energy fund created under section 4928.61 of the Revised Code.

(D) The commission may establish rules regarding the content of an application by an electric distribution utility for commission approval of a revenue decoupling mechanism under this division. Such an application shall not be considered an application to increase rates and may be included as part of a proposal to establish, continue, or expand energy efficiency or conservation programs. The commission by order may approve an application under this division if it determines both that the revenue decoupling mechanism provides for the recovery of revenue that otherwise may be forgone by the utility as a result of or in connection with the implementation by the electric distribution utility of any energy efficiency or energy conservation programs and reasonably aligns the interests of the utility and of its customers in favor of those programs.

(E) The commission additionally shall adopt rules that require an electric distribution utility to provide a customer upon request with two years' consumption data in an accessible form.

Sec. 4928.662. For the purpose of measuring and determining compliance with the energy efficiency and peak demand reduction requirements under section 4928.66 of the Revised Code, the public utilities commission shall count and recognize compliance as follows:

(A) Energy efficiency savings and peak demand reduction achieved through actions taken by customers or through electric distribution utility programs that comply with federal standards for either or both energy efficiency and peak demand reduction requirements, including resources associated with such savings or reduction that are recognized as capacity resources by the regional transmission organization operating in Ohio in compliance with section 4928.12 of the Revised Code, shall count toward compliance with the energy efficiency and peak demand reduction requirements.

(B) Energy efficiency savings and peak demand reduction achieved on and after the effective date of S.B. 310 of the 130th general assembly, September 12, 2014, shall be measured on the higher of an as found or deemed basis, except that, solely at the option of the electric distribution utility, such savings and reduction achieved since 2006 may also be measured using this method. For new construction, the energy efficiency savings and peak demand reduction shall be counted based on 2008 federal standards, provided that when new construction replaces an existing facility, the difference in energy consumed, energy intensity, and peak demand between the new and replaced facility shall be counted toward meeting the energy efficiency and peak demand reduction requirements.

(C) The commission shall count both the energy efficiency savings and peak demand reduction on an annualized basis.

(D) The commission shall count both the energy efficiency savings and peak demand reduction on a gross savings basis.

(E) The commission shall count energy efficiency savings and peak demand reductions associated with transmission and distribution infrastructure improvements that reduce line losses and with energy intensity reductions resulting from heat rate improvements at electric generating plants. No energy efficiency or peak demand reduction achieved under division (E) of this section shall

qualify for shared savings.

(F) Energy efficiency savings and peak demand reduction amounts approved by the commission shall continue to be counted toward achieving the energy efficiency and peak demand reduction requirements as long as the requirements remain in effect.

~~(G) Any energy efficiency savings or peak demand reduction amount achieved in excess of the requirements may, at the discretion of the electric distribution utility, be banked and applied toward achieving the energy efficiency or peak demand reduction requirements in future years. The commission shall recognize and count energy efficiency savings and peak demand reductions that occur as a consequence of consumer reductions in water usage or reductions and improvements in wastewater treatment.~~

(H) The commission shall recognize and count, on a British-thermal-unit-equivalent basis, nonelectric energy efficiency savings or nonelectric peak demand reductions that occur as a consequence of a portfolio plan, as defined in section 4928.6610 of the Revised Code.

(I) The commission shall recognize and count, as energy efficiency savings and peak demand reduction, the savings and reduction associated with heat rate improvements, other efficiency improvements, or other energy intensity improvements, if such savings and reduction are both of the following:

(1) Proposed by an electric distribution utility in its sole discretion;

(2) Achieved since 2006 from an electric generating plant that is either:

(a) Owned by the electric distribution utility; or

(b) Owned and operated by an affiliate of the electric distribution utility provided that the generating plant was previously owned, in whole or in part, by an electric distribution utility located in this state.

No energy efficiency savings or peak demand reduction achieved under division (I) of this section shall qualify for shared savings.

(J) The commission shall count energy efficiency savings associated with any plan, policy, behavior, or practice that reduces either of the following:

(1) The total energy intensity of a facility, pipeline, building, plant, or equipment, regardless of the type of energy intensity reduction;

(2) The energy intensity of any water supply function or water treatment function.

(K) As used in this section:

(1) "Energy intensity" has the same meaning as in section 4928.6610 of the Revised Code.

(2) "Water supply function" means the functions associated with the following:

(a) Raw water collection, purification, treatment, and storage;

(b) Establishing or maintaining pressure to balance water supply and demand;

(c) Water delivery and transfer.

(3) "Water treatment function" means any of the preliminary, secondary, tertiary, and advanced activities, whether physical, biological, or chemical, associated with the removal of contaminants from, or conditioning of, wastewater prior to its return to the environment or recycled use.

Sec. 4928.6610. As used in sections 4928.6611 to 4928.6616 of the Revised Code:

(A) "Customer" means ~~any~~ either of the following:

(1) A mercantile customer of an electric distribution utility;

(2) Any customer of an electric distribution utility to which either of the following applies:

(1)-(a) The customer receives service above the primary voltage level as determined by the utility's tariff classification.

(2)-(b) The customer is a commercial or industrial customer to which both of the following apply:

(a)-(i) The customer receives electricity through a meter of an end user or through more than one meter at a single location in a quantity that exceeds forty-five million kilowatt hours of electricity for the preceding calendar year.

(b)-(ii) The customer has made a written request for registration as a self-assessing purchaser pursuant to section 5727.81 of the Revised Code.

(B) "Energy intensity" means the amount of energy, ~~from electricity,~~ used or consumed per unit of production to produce a certain level of output or activity, measured by the quantity of energy needed to perform a particular activity, expressed as energy per unit of output, energy per unit of gross total floor space, or an activity measure of service.

(C) "Portfolio plan" means the comprehensive energy efficiency and peak-demand reduction program portfolio plan required under rules adopted by the public utilities commission and codified in Chapter 4901:1-39 of the Administrative Code or hereafter recodified or amended.

Sec. 4928.6620. (A) Every electric distribution utility and electric services company shall submit an annual report for the prior calendar year to the public utilities commission not later than the first day of July of each year. The report shall detail the utility's or company's status of compliance with the provisions of sections 4928.64 and 4928.66 of the Revised Code, as applicable. The commission shall modify its rules in accordance with the reporting requirement, including the filing date, set forth in this section.

(B) The commission shall submit a report to the general assembly not later than the first day of August of each year and in accordance with section 101.68 of the Revised Code. The report shall detail all of the following:

(1) The compliance of electric distribution utilities and electric services companies with sections 4928.64 and 4928.66 of the Revised Code, based on the information provided to the commission described in division (A) of this section;

(2) The average annual cost of renewable energy credits purchased by utilities and companies for the year covered in the report;

(3) Any strategy for utility and company compliance or for encouraging the use of qualifying renewable energy resources in supplying this state's electricity needs in a manner that considers available technology, costs, job creation, and economic impacts.

(C) Not later than the first day of September of each year, the commission chairperson shall provide testimony on the report required in that year under division (B) of this section to the standing committees of both houses of the general assembly that deal with public utility matters.

Sec. 4928.6621. (A) Any energy efficiency savings or peak demand reduction amount achieved in excess of the requirements under section 4928.66 of the Revised Code may, at the discretion of the electric distribution utility, be banked and applied toward achieving the energy efficiency or peak demand reduction requirements in future years.



(B) An electric distribution utility shall be deemed in compliance with the energy efficiency and peak demand reduction savings requirements and shall be eligible for incentives approved by the public utilities commission in any year in which the utility's actual cumulative energy efficiency and peak demand reduction savings meet or exceed the cumulative mandates under division (A)(1) of section 4928.66 of the Revised Code.

Sec. 5727.75. (A) For purposes of this section:

(1) "Qualified energy project" means an energy project certified by the director of development services pursuant to this section.

(2) "Energy project" means a project to provide electric power through the construction, installation, and use of an energy facility.

(3) "Alternative energy zone" means a county declared as such by the board of county commissioners under division (E)(1)(b) or (c) of this section.

(4) "Full-time equivalent employee" means the total number of employee-hours for which compensation was paid to individuals employed at a qualified energy project for services performed at the project during the calendar year divided by two thousand eighty hours.

(5) "Solar energy project" means an energy project composed of an energy facility using solar panels to generate electricity.

(B)(1) Tangible personal property of a qualified energy project using renewable energy resources is exempt from taxation for tax years 2011 through 2021 if all of the following conditions are satisfied:

(a) On or before December 31, 2020, the owner or a lessee pursuant to a sale and leaseback transaction of the project submits an application to the power siting board for a certificate under section 4906.20 of the Revised Code, or if that section does not apply, submits an application for any approval, consent, permit, or certificate or satisfies any condition required by a public agency or political subdivision of this state for the construction or initial operation of an energy project.

(b) Construction or installation of the energy facility begins on or after January 1, 2009, and before January 1, 2021. For the purposes of this division, construction begins on the earlier of the date of application for a certificate or other approval or permit described in division (B)(1)(a) of this section, or the date the contract for the construction or installation of the energy facility is entered into.

(c) For a qualified energy project with a nameplate capacity of five megawatts or greater, a board of county commissioners of a county in which property of the project is located has adopted a resolution under division (E)(1)(b) or (c) of this section to approve the application submitted under division (E) of this section to exempt the property located in that county from taxation. A board's adoption of a resolution rejecting an application or its failure to adopt a resolution approving the application does not affect the tax-exempt status of the qualified energy project's property that is located in another county.

(2) If tangible personal property of a qualified energy project using renewable energy resources was exempt from taxation under this section beginning in any of tax years 2011 through 2021, and the certification under division (E)(2) of this section has not been revoked, the tangible personal property of the qualified energy project is exempt from taxation for tax year 2022 and all ensuing tax years if the property was placed into service before January 1, 2022, as certified in the

construction progress report required under division (F)(2) of this section. Tangible personal property that has not been placed into service before that date is taxable property subject to taxation. An energy project for which certification has been revoked is ineligible for further exemption under this section. Revocation does not affect the tax-exempt status of the project's tangible personal property for the tax year in which revocation occurs or any prior tax year.

(C) Tangible personal property of a qualified energy project using clean coal technology, advanced nuclear technology, or cogeneration technology is exempt from taxation for the first tax year that the property would be listed for taxation and all subsequent years if all of the following circumstances are met:

(1) The property was placed into service before January 1, 2021. Tangible personal property that has not been placed into service before that date is taxable property subject to taxation.

(2) For such a qualified energy project with a nameplate capacity of five megawatts or greater, a board of county commissioners of a county in which property of the qualified energy project is located has adopted a resolution under division (E)(1)(b) or (c) of this section to approve the application submitted under division (E) of this section to exempt the property located in that county from taxation. A board's adoption of a resolution rejecting the application or its failure to adopt a resolution approving the application does not affect the tax-exempt status of the qualified energy project's property that is located in another county.

(3) The certification for the qualified energy project issued under division (E)(2) of this section has not been revoked. An energy project for which certification has been revoked is ineligible for exemption under this section. Revocation does not affect the tax-exempt status of the project's tangible personal property for the tax year in which revocation occurs or any prior tax year.

(D) Except as otherwise provided in this section, real property of a qualified energy project is exempt from taxation for any tax year for which the tangible personal property of the qualified energy project is exempted under this section.

(E)(1)(a) A person may apply to the director of development services for certification of an energy project as a qualified energy project on or before the following dates:

(i) December 31, 2020, for an energy project using renewable energy resources;

(ii) December 31, 2017, for an energy project using clean coal technology, advanced nuclear technology, or cogeneration technology.

(b) The director shall forward a copy of each application for certification of an energy project with a nameplate capacity of five megawatts or greater to the board of county commissioners of each county in which the project is located and to each taxing unit with territory located in each of the affected counties. Any board that receives from the director a copy of an application submitted under this division shall adopt a resolution approving or rejecting the application unless it has adopted a resolution under division (E)(1)(c) of this section. A resolution adopted under division (E)(1)(b) or (c) of this section may require an annual service payment to be made in addition to the service payment required under division (G) of this section. The sum of the service payment required in the resolution and the service payment required under division (G) of this section shall not exceed nine thousand dollars per megawatt of nameplate capacity located in the county. The resolution shall specify the time and manner in which the payments required by the resolution shall be paid to the county treasurer. The county treasurer shall deposit the payment to the credit of the county's general

fund to be used for any purpose for which money credited to that fund may be used.

The board shall send copies of the resolution by certified mail to the owner of the facility and the director within thirty days after receipt of the application, or a longer period of time if authorized by the director.

(c) A board of county commissioners may adopt a resolution declaring the county to be an alternative energy zone and declaring all applications submitted to the director of development services under this division after the adoption of the resolution, and prior to its repeal, to be approved by the board.

All tangible personal property and real property of an energy project with a nameplate capacity of five megawatts or greater is taxable if it is located in a county in which the board of county commissioners adopted a resolution rejecting the application submitted under this division or failed to adopt a resolution approving the application under division (E)(1)(b) or (c) of this section.

(2) The director shall certify an energy project if all of the following circumstances exist:

(a) The application was timely submitted.

(b) For an energy project with a nameplate capacity of five megawatts or greater, a board of county commissioners of at least one county in which the project is located has adopted a resolution approving the application under division (E)(1)(b) or (c) of this section.

(c) No portion of the project's facility was used to supply electricity before December 31, 2009.

(3) The director shall deny a certification application if the director determines the person has failed to comply with any requirement under this section. The director may revoke a certification if the director determines the person, or subsequent owner or lessee pursuant to a sale and leaseback transaction of the qualified energy project, has failed to comply with any requirement under this section. Upon certification or revocation, the director shall notify the person, owner, or lessee, the tax commissioner, and the county auditor of a county in which the project is located of the certification or revocation. Notice shall be provided in a manner convenient to the director.

(F) The owner or a lessee pursuant to a sale and leaseback transaction of a qualified energy project shall do each of the following:

(1) Comply with all applicable regulations;

(2) File with the director of development services a certified construction progress report before the first day of March of each year during the energy facility's construction or installation indicating the percentage of the project completed, and the project's nameplate capacity, as of the preceding thirty-first day of December. Unless otherwise instructed by the director of development services, the owner or lessee of an energy project shall file a report with the director on or before the first day of March each year after completion of the energy facility's construction or installation indicating the project's nameplate capacity as of the preceding thirty-first day of December. Not later than sixty days after June 17, 2010, the owner or lessee of an energy project, the construction of which was completed before June 17, 2010, shall file a certificate indicating the project's nameplate capacity.

(3) File with the director of development services, in a manner prescribed by the director, a report of the total number of full-time equivalent employees, and the total number of full-time equivalent employees domiciled in Ohio, who are employed in the construction or installation of the

energy facility;

(4) For energy projects with a nameplate capacity of five megawatts or greater, repair all roads, bridges, and culverts affected by construction as reasonably required to restore them to their preconstruction condition, as determined by the county engineer in consultation with the local jurisdiction responsible for the roads, bridges, and culverts. In the event that the county engineer deems any road, bridge, or culvert to be inadequate to support the construction or decommissioning of the energy facility, the road, bridge, or culvert shall be rebuilt or reinforced to the specifications established by the county engineer prior to the construction or decommissioning of the facility. The owner or lessee of the facility shall post a bond in an amount established by the county engineer and to be held by the board of county commissioners to ensure funding for repairs of roads, bridges, and culverts affected during the construction. The bond shall be released by the board not later than one year after the date the repairs are completed. The energy facility owner or lessee pursuant to a sale and leaseback transaction shall post a bond, as may be required by the Ohio power siting board in the certificate authorizing commencement of construction issued pursuant to section 4906.10 of the Revised Code, to ensure funding for repairs to roads, bridges, and culverts resulting from decommissioning of the facility. The energy facility owner or lessee and the county engineer may enter into an agreement regarding specific transportation plans, reinforcements, modifications, use and repair of roads, financial security to be provided, and any other relevant issue.

(5) Provide or facilitate training for fire and emergency responders for response to emergency situations related to the energy project and, for energy projects with a nameplate capacity of five megawatts or greater, at the person's expense, equip the fire and emergency responders with proper equipment as reasonably required to enable them to respond to such emergency situations;

(6) Maintain a ratio of Ohio-domiciled full-time equivalent employees employed in the construction or installation of the energy project to total full-time equivalent employees employed in the construction or installation of the energy project of not less than eighty per cent in the case of a solar energy project, and not less than fifty per cent in the case of any other energy project. In the case of an energy project for which certification from the power siting board is required under section 4906.20 of the Revised Code, the number of full-time equivalent employees employed in the construction or installation of the energy project equals the number actually employed or the number projected to be employed in the certificate application, if such projection is required under regulations adopted pursuant to section 4906.03 of the Revised Code, whichever is greater. For all other energy projects, the number of full-time equivalent employees employed in the construction or installation of the energy project equals the number actually employed or the number projected to be employed by the director of development services, whichever is greater. To estimate the number of employees to be employed in the construction or installation of an energy project, the director shall use a generally accepted job-estimating model in use for renewable energy projects, including but not limited to the job and economic development impact model. The director may adjust an estimate produced by a model to account for variables not accounted for by the model.

(7) For energy projects with a nameplate capacity in excess of two megawatts, establish a relationship with a member of the university system of Ohio as defined in section 3345.011 of the Revised Code or with a person offering an apprenticeship program registered with the employment and training administration within the United States department of labor or with the apprenticeship

council created by section 4139.02 of the Revised Code, to educate and train individuals for careers in the wind or solar energy industry. The relationship may include endowments, cooperative programs, internships, apprenticeships, research and development projects, and curriculum development.

(8) Offer to sell power or renewable energy credits from the energy project to electric distribution utilities or electric service companies subject to renewable energy resource ~~requirements~~ provisions under section 4928.64 of the Revised Code that have issued requests for proposal for such power or renewable energy credits. If no electric distribution utility or electric service company issues a request for proposal on or before December 31, 2010, or accepts an offer for power or renewable energy credits within forty-five days after the offer is submitted, power or renewable energy credits from the energy project may be sold to other persons. Division (F)(8) of this section does not apply if:

(a) The owner or lessee is a rural electric company or a municipal power agency as defined in section 3734.058 of the Revised Code.

(b) The owner or lessee is a person that, before completion of the energy project, contracted for the sale of power or renewable energy credits with a rural electric company or a municipal power agency.

(c) The owner or lessee contracts for the sale of power or renewable energy credits from the energy project before June 17, 2010.

(9) Make annual service payments as required by division (G) of this section and as may be required in a resolution adopted by a board of county commissioners under division (E) of this section.

(G) The owner or a lessee pursuant to a sale and leaseback transaction of a qualified energy project shall make annual service payments in lieu of taxes to the county treasurer on or before the final dates for payments of taxes on public utility personal property on the real and public utility personal property tax list for each tax year for which property of the energy project is exempt from taxation under this section. The county treasurer shall allocate the payment on the basis of the project's physical location. Upon receipt of a payment, or if timely payment has not been received, the county treasurer shall certify such receipt or non-receipt to the director of development services and tax commissioner in a form determined by the director and commissioner, respectively. Each payment shall be in the following amount:

(1) In the case of a solar energy project, seven thousand dollars per megawatt of nameplate capacity located in the county as of December 31, 2010, for tax year 2011, as of December 31, 2011, for tax year 2012, as of December 31, 2012, for tax year 2013, as of December 31, 2013, for tax year 2014, as of December 31, 2014, for tax year 2015, as of December 31, 2015, for tax year 2016, and as of December 31, 2016, for tax year 2017 and each tax year thereafter;

(2) In the case of any other energy project using renewable energy resources, the following:

(a) If the project maintains during the construction or installation of the energy facility a ratio of Ohio-domiciled full-time equivalent employees to total full-time equivalent employees of not less than seventy-five per cent, six thousand dollars per megawatt of nameplate capacity located in the county as of the thirty-first day of December of the preceding tax year;

(b) If the project maintains during the construction or installation of the energy facility a ratio

of Ohio-domiciled full-time equivalent employees to total full-time equivalent employees of less than seventy-five per cent but not less than sixty per cent, seven thousand dollars per megawatt of nameplate capacity located in the county as of the thirty-first day of December of the preceding tax year;

(c) If the project maintains during the construction or installation of the energy facility a ratio of Ohio-domiciled full-time equivalent employees to total full-time equivalent employees of less than sixty per cent but not less than fifty per cent, eight thousand dollars per megawatt of nameplate capacity located in the county as of the thirty-first day of December of the preceding tax year.

(3) In the case of an energy project using clean coal technology, advanced nuclear technology, or cogeneration technology, the following:

(a) If the project maintains during the construction or installation of the energy facility a ratio of Ohio-domiciled full-time equivalent employees to total full-time equivalent employees of not less than seventy-five per cent, six thousand dollars per megawatt of nameplate capacity located in the county as of the thirty-first day of December of the preceding tax year;

(b) If the project maintains during the construction or installation of the energy facility a ratio of Ohio-domiciled full-time equivalent employees to total full-time equivalent employees of less than seventy-five per cent but not less than sixty per cent, seven thousand dollars per megawatt of nameplate capacity located in the county as of the thirty-first day of December of the preceding tax year;

(c) If the project maintains during the construction or installation of the energy facility a ratio of Ohio-domiciled full-time equivalent employees to total full-time equivalent employees of less than sixty per cent but not less than fifty per cent, eight thousand dollars per megawatt of nameplate capacity located in the county as of the thirty-first day of December of the preceding tax year.

(H) The director of development services in consultation with the tax commissioner shall adopt rules pursuant to Chapter 119. of the Revised Code to implement and enforce this section.

SECTION 2. That existing sections 4928.143, 4928.64, 4928.643, 4928.645, 4928.65, 4928.66, 4928.662, 4928.6610, and 5727.75 of the Revised Code are hereby repealed.

SECTION 3. That Section 6 of Sub. S.B. 310 of the 130th General Assembly be amended to read as follows:

Sec. 6. (A) If an electric distribution utility has a portfolio plan that is in effect on the effective date of this section, the utility shall do either of the following, at its sole discretion:

(1) Continue to implement the portfolio plan with no amendments to the plan, for the duration that the Public Utilities Commission originally approved, subject to divisions (D) and (E) of this section;

(2) Seek an amendment of the portfolio plan under division (B) of this section.

(B)(1) An electric distribution utility that seeks to amend its portfolio plan under division (A) (2) of this section shall file an application with the Commission to amend the plan not later than thirty days after ~~the effective date of this section~~ September 12, 2014. The Commission shall review the application in accordance with its rules as if the application were for a new portfolio plan. The Commission shall review and approve, or modify and approve, the application not later than sixty days after the date that the application is filed. Any portfolio plan amended under this division shall take effect on January 1, 2015, and expire on December 31, 2016. If the Commission fails to review

and approve, or modify and approve, the application on or before January 1, 2015, the plan shall be deemed approved as amended in the application and shall take effect on January 1, 2015, and expire on December 31, 2016.

(2) Section 4928.66 of the Revised Code, as amended by ~~this act~~ Sub. S.B. 310 of the 130th General Assembly, shall apply to an electric distribution utility that applies to amend its portfolio plan under division (B) of this section.

(C) If an electric distribution utility fails to file an application to amend its portfolio plan under division (B) of this section within the required thirty-day period, the electric distribution utility shall proceed in accordance with division (A)(1) of this section.

(D) If an electric distribution utility implements its portfolio plan under division (A)(1) of this section for the plan's original duration and if the plan expires before December 31, 2016, the Commission shall automatically extend the plan through December 31, 2016, with no amendments to the plan.

(E)(1) The provisions of section 4928.66 of the Revised Code, as it existed prior to ~~the effective date of this section~~ September 12, 2014, shall apply to an electric distribution utility that has a portfolio plan that is implemented under division (A)(1) of this section for either of the following time periods:

(a) The plan's original duration;

(b) The plan's original duration and then, until December 31, 2016, if the plan is extended under division (D) of this section.

(2) Beginning January 1, 2017, the provisions of section 4928.66 of the Revised Code as amended by ~~this act~~ Sub. S.B. 310 of the 130th General Assembly shall apply to the electric distribution utility through the date that is the day before the provisions of that section, as amended by H.B. 554 of the 131st General Assembly, take effect.

(3) The provisions of section 4928.66 of the Revised Code, as amended by H.B. 554 of the 131st General Assembly, shall apply to the electric distribution utility beginning on the effective date of the amendments to that section by that act.

SECTION 4. That existing Section 6 of Sub. S.B. 310 of the 130th General Assembly is hereby repealed.

SECTION 5. (A) In 2017, the Public Utilities Commission shall review an electric distribution utility's or electric services company's compliance with the benchmarks for 2016 under division (B) (2) of section 4928.64 of the Revised Code as that division existed prior to the effective date of this section, and in the course of that review, shall identify any undercompliance or noncompliance of the utility or company that it determines is weather-related, related to equipment or resource shortages for qualifying renewable energy resources as applicable, or is otherwise outside the utility's or company's control.

(B) Subject to the cost cap provisions of division (C)(3) of section 4928.64 of the Revised Code, if the commission determines, after notice and opportunity for hearing, and based upon its findings in the review under division (A) of this section regarding avoidable undercompliance or noncompliance, but subject to the force-majeure provisions of division (C)(4)(a) of section 4928.64 of the Revised Code, that the utility or company has failed to comply with the benchmarks for 2016, the commission shall impose a renewable energy compliance payment on the utility or company.

(1) The compliance payment pertaining to the solar energy resource benchmark for 2016 shall be three hundred dollars per megawatt hour of undercompliance or noncompliance in the period under review.

(2) The compliance payment pertaining to the renewable energy resource benchmark for 2016 shall be assessed in accordance with division (C)(2)(b) of section 4928.64 of the Revised Code.

(C) Division (C)(2)(c) of section 4928.64 of the Revised Code applies to compliance payments imposed under this section.

SECTION 6. The amendments to division (A) of section 4928.6610 of the Revised Code by this act shall take effect January 1, 2019.

SECTION 7. That Section 257.80 of Am. Sub. H.B. 64 of the 131st General Assembly be amended to read as follows:

Sec. 257.80. HEAP WEATHERIZATION

~~Up to twenty-five~~ Twenty-five per cent of the federal funds deposited to the credit of the Home Energy Assistance Block Grant Fund (Fund 3K90) ~~may~~ shall be expended from appropriation item 195614, HEAP Weatherization, to provide home weatherization services in the state as determined by the Director of Development Services. ~~Any transfers or increases in appropriation for the foregoing appropriation items 195614, HEAP Weatherization, or 195611, Home Energy Assistance Block Grant, shall be subject to approval by the Controlling Board.~~

The Director of Development Services shall, in good faith, take all necessary steps, including, but not limited to, applying for any waivers that are needed from the United States Department of Health and Human Services and any other applicable federal agencies to secure and execute this allocation.

SECTION 8. That existing Section 257.80 of Am. Sub. H.B. 64 of the 131st General Assembly is hereby repealed.

SECTION 9. Sections 7 and 8 of this act take effect June 30, 2017.



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*Speaker* \_\_\_\_\_ *of the House of Representatives.*

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*President* \_\_\_\_\_ *of the Senate.*

Passed \_\_\_\_\_, 20\_\_\_\_

Approved \_\_\_\_\_, 20\_\_\_\_

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*Governor.*

The section numbering of law of a general and permanent nature is complete and in conformity with the Revised Code.

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*Director, Legislative Service Commission.*

Filed in the office of the Secretary of State at Columbus, Ohio, on the \_\_\_\_ day of \_\_\_\_\_, A. D. 20 \_\_\_\_.

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*Secretary of State.*

File No. \_\_\_\_\_ Effective Date \_\_\_\_\_