As Reported by the Senate Energy and Public Utilities Committee

133rd General Assembly

Regular Session 2019-2020

Sub. H. B. No. 6

Representatives Callender, Wilkin

Cosponsors: Representatives Cross, DeVitis, Ghanbari, Hillyer, Jones, Reineke, Seitz, Stein, Vitale

Senator Eklund

A BILL

Тс	amend sections 303.213, 519.213, 713.081,	1
	4906.13, 4928.01, 4928.64, 4928.641, 4928.644,	2
	4928.645, 4928.66, 4928.6610, and 5727.75, to	3
	enact sections 3706.40, 3706.41, 3706.43,	4
	3706.431, 3706.45, 3706.46, 3706.49, 3706.53,	5
	3706.55, 3706.59, 3706.61, 3706.63, 3706.65,	6
	4928.148, 4928.47, 4928.471, 4928.642, 4928.75,	7
	4928.80, and 5727.231, and to repeal section	8
	4928.6616 of the Revised Code to facilitate and	9
	continue the development, production, and use of	10
	electricity from nuclear, coal, and renewable	11
	energy resources in this state, to modify the	12
	existing mandates for renewable energy and	13
	energy efficiency savings, and to determine	14
	amounts of federal funding received for home	15
	weatherization services.	16

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF OHIO:

Section 1. That sections 303.213, 519.213, 713.081,

4906.13, 4928.01, 4928.64, 4928.641, 4928.644, 4928.645,184928.66, 4928.6610, and 5727.75 be amended and sections 3706.40,193706.41, 3706.43, 3706.431, 3706.45, 3706.46, 3706.49, 3706.53,203706.55, 3706.59, 3706.61, 3706.63, 3706.65, 4928.148, 4928.47,214928.471, 4928.642, 4928.75, 4928.80, and 5727.231 of the22Revised Code be enacted to read as follows:23

Sec. 303.213. (A) As used in this section, "small wind farm" means wind turbines and associated facilities with a single interconnection to the electrical grid and designed for, or capable of, operation at an aggregate capacity of less than five megawatts that are not subject to the jurisdiction of the power siting board under sections 4906.20 and 4906.201 of the Revised Code.

(B) Notwithstanding division (A) of section 303.211 of the 31 Revised Code, sections 303.01 to 303.25 of the Revised Code 32 confer power on a board of county commissioners or board of 33 zoning appeals to adopt zoning regulations governing the 34 location, erection, construction, reconstruction, change, 35 alteration, maintenance, removal, use, or enlargement of any 36 small wind farm, whether publicly or privately owned, or the use 37 of land for that purpose, which regulations may be more strict 38 than the regulations prescribed in rules adopted under division 39 (B)(2) of section 4906.20 of the Revised Code. 40

(C) The designation under this section of a small wind
farm as a public utility for purposes of sections 303.01 to
303.25 of the Revised Code shall not affect the classification
43 of a small wind farm for purposes of state or local taxation.

(D) Nothing in division (C) of this section shall be
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construed as affecting the classification of a
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telecommunications tower as defined in division (B) or (E) of
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section 303.211 of the Revised Code or any other public utility	48
for purposes of state and local taxation.	49
Sec. 519.213. (A) As used in this section, "small wind	50
farm" means wind turbines and associated facilities with a	51
single interconnection to the electrical grid and designed for,	52
or capable of, operation at an aggregate capacity of less than	53
five megawatts that are not subject to the jurisdiction of the	54
power siting board under sections 4906.20 and 4906.201 of the	55
Revised Code.	56
(B) Notwithstanding division (A) of section 519.211 of the	57
Revised Code, sections 519.02 to 519.25 of the Revised Code	58
confer power on a board of township trustees or board of zoning	59
appeals with respect to the location, erection, construction,	60
reconstruction, change, alteration, maintenance, removal, use,	61
or enlargement of any small wind farm, whether publicly or	62
privately owned, or the use of land for that purpose, which	63
regulations may be more strict than the regulations prescribed	64
in rules adopted under division (B)(2) of section 4906.20 of the	65
Revised Code.	66
(C) The designation under this section of a small wind	67
farm as a public utility for purposes of sections 519.02 to	68
519.25 of the Revised Code shall not affect the classification	69
of a small wind farm or any other public utility for purposes of	70
state or local taxation.	71
(D) Nothing in division (C) of this section shall be	72
construed as affecting the classification of a	73
telecommunications tower as defined in division (B) or (E) of	74
section 519.211 of the Revised Code or any other public utility	75
for purposes of state and local taxation.	76

Sec. 713.081. (A) As used in this section, "small wind77farm" means wind turbines and associated facilities with a78single interconnection to the electrical grid and designed for,79or capable of, operation at an aggregate capacity of less than80five megawatts that are not subject to the jurisdiction of the81power siting board under sections 4906.20 and 4906.201 of the82Revised Code.83

(B) Sections 713.06 to 713.15 of the Revised Code confer 84 power on the legislative authority of a municipal corporation 85 with respect to the location, erection, construction, 86 reconstruction, change, alteration, maintenance, removal, use, 87 or enlargement of any small wind farm as a public utility, 88 whether publicly or privately owned, or the use of land for that 89 purpose, which regulations may be more strict than the 90 regulations prescribed in rules adopted under division (B)(2) of 91 section 4906.20 of the Revised Code. 92

(C) The designation under this section of a small wind
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farm as a public utility for purposes of sections 713.06 to
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713.15 of the Revised Code shall not affect the classification
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of a small wind farm or any other public utility for purposes of
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state or local taxation.

 Sec. 3706.40. As used in sections 3706.40 to 3706.65 of
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 the Revised Code:
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(A) "Qualifying nuclear resource" means an electric100generating facility in this state fueled by nuclear power.101

(B) "Qualifying renewable resource" means an electric102generating facility in this state to which all of the following103apply:104

(1) The facility uses or will use solar energy as the 105

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primary energy source.	106
(2) The facility obtained a certificate for construction	107
of a major utility facility from the power siting board prior to	108
June 1, 2019.	109
(3) The facility is interconnected with the transmission	110
grid that is subject to the operational control of PJM	111
interconnection, L.L.C., or its successor organization.	112
(C) "Credit price adjustment" means a reduction to the	113
price for each nuclear resource credit equal to the market price	114
index minus the strike price.	115
(D) "Strike price" means forty-six dollars per megawatt	116
hour.	117
(E) "Market price index" means the sum, expressed in	118
dollars per megawatt hour, of both of the following for the	119
upcoming twelve-month period that begins the first day of June	120
and ends the thirty-first day of May:	121
(1) Projected energy prices, determined using futures	122
contracts for the PJM AEP-Dayton hub;	123
(2) Projected capacity prices, determined using PJM's	124
rest-of-RTO market clearing price.	125
(F) "Electric distribution utility" has the same meaning	126
as in section 4928.01 of the Revised Code.	127
Sec. 3706.41. (A) Not later than February 1, 2020, the	128
owner or operator of a qualifying nuclear resource or qualifying	129
renewable resource may apply to the Ohio air quality development	130
authority to receive payments for nuclear resource credits or	131
renewable energy credits, as applicable, under section 3706.55	132
of the Revised Code.	133

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(B) An application submitted under division (A) of this	134
section for a qualifying nuclear resource shall include all of	135
the following information pertaining to the resource:	136
(1) Financial information.	1 2 7
(1) Financial information;	137
(2) Certified cost and revenue projections through	138
December 31, 2026;	139
(3) Operation and maintenance expenses;	140
(5) operation and mathematice expenses,	140
(4) Fuel expenses, including spent-fuel expenses;	141
(5) Nonfuel capital expenses;	142
<u>10) Monituer capitar expended (</u>	112
(6) Fully allocated overhead costs;	143
(7) The cost of operational risks and market risks that	144
would be avoided by ceasing operation of the resource;	145
	110
(8) Any other information, financial or otherwise, that	146
demonstrates that the resource is projected not to continue	147
being operational.	148
(C) As used in this section:	149
(1) "Operational risks" include the risk that operating	150
costs will be higher than anticipated because of new regulatory	151
mandates or equipment failures and the risk that per-megawatt-	152
hour costs will be higher than anticipated because of a lower	153
than expected capacity factor.	154
(2) "Market risks" include the risk of a forced outage and	155
the associated costs arising from contractual obligations, and	156
the risk that output from the resource may not be able to be	157
sold at projected levels.	158
Sec. 3706.43. After receiving an application under section	159
3706.41 of the Revised Code, the Ohio air quality development	160

authority shall review and approve the application, not later	161
than March 31, 2020, if all of the following apply, as	162
applicable:	163
(A) The resource meets the definition of a qualifying	164
nuclear resource or qualifying renewable resource in section	165
<u>3706.40 of the Revised Code.</u>	165
<u>5700.10 OF the Revised code.</u>	100
(B) For a qualifying nuclear resource only, both of the	167
following apply:	168
(1) The application meets the requirements of section	169
3706.41 of the Revised Code.	170
(2) The resource's operator maintains both a principal	171
place of business in this state and a substantial presence in	172
this state with regard to its business operations, offices, and	173
transactions.	174
Sec. 3706.431. All financial and proprietary information,	175
Sec. 3706.431. All financial and proprietary information, including trade secrets, submitted to the Ohio air quality	175 176
including trade secrets, submitted to the Ohio air quality	176
including trade secrets, submitted to the Ohio air quality development authority under sections 3706.41 and 3706.43 of the	176 177
including trade secrets, submitted to the Ohio air quality development authority under sections 3706.41 and 3706.43 of the Revised Code is confidential information and is not a public	176 177 178
including trade secrets, submitted to the Ohio air quality development authority under sections 3706.41 and 3706.43 of the Revised Code is confidential information and is not a public record for the purpose of section 149.43 of the Revised Code.	176 177 178 179
including trade secrets, submitted to the Ohio air quality development authority under sections 3706.41 and 3706.43 of the Revised Code is confidential information and is not a public record for the purpose of section 149.43 of the Revised Code. Sec. 3706.45. (A) An owner or operator of a qualifying	176 177 178 179 180
<pre>including trade secrets, submitted to the Ohio air quality development authority under sections 3706.41 and 3706.43 of the Revised Code is confidential information and is not a public record for the purpose of section 149.43 of the Revised Code. Sec. 3706.45. (A) An owner or operator of a qualifying nuclear resource or qualifying renewable resource whose</pre>	176 177 178 179 180 181
<pre>including trade secrets, submitted to the Ohio air quality development authority under sections 3706.41 and 3706.43 of the Revised Code is confidential information and is not a public record for the purpose of section 149.43 of the Revised Code. Sec. 3706.45. (A) An owner or operator of a qualifying nuclear resource or qualifying renewable resource whose application was approved under section 3706.43 of the Revised</pre>	176 177 178 179 180 181 182
<pre>including trade secrets, submitted to the Ohio air quality development authority under sections 3706.41 and 3706.43 of the Revised Code is confidential information and is not a public record for the purpose of section 149.43 of the Revised Code. Sec. 3706.45. (A) An owner or operator of a qualifying nuclear resource or qualifying renewable resource whose application was approved under section 3706.43 of the Revised Code shall report to the Ohio air quality development authority,</pre>	176 177 178 179 180 181 182 183
<pre>including trade secrets, submitted to the Ohio air quality development authority under sections 3706.41 and 3706.43 of the Revised Code is confidential information and is not a public record for the purpose of section 149.43 of the Revised Code. Sec. 3706.45. (A) An owner or operator of a qualifying nuclear resource or qualifying renewable resource whose application was approved under section 3706.43 of the Revised Code shall report to the Ohio air quality development authority, not later than seven days after the close of each quarter, the</pre>	176 177 178 179 180 181 182 183 184
<pre>including trade secrets, submitted to the Ohio air quality development authority under sections 3706.41 and 3706.43 of the Revised Code is confidential information and is not a public record for the purpose of section 149.43 of the Revised Code. Sec. 3706.45. (A) An owner or operator of a qualifying nuclear resource or qualifying renewable resource whose application was approved under section 3706.43 of the Revised Code shall report to the Ohio air quality development authority, not later than seven days after the close of each quarter, the number of megawatt hours the resource produced, if any, in the</pre>	176 177 178 179 180 181 182 183 184 185
<pre>including trade secrets, submitted to the Ohio air quality development authority under sections 3706.41 and 3706.43 of the Revised Code is confidential information and is not a public record for the purpose of section 149.43 of the Revised Code. Sec. 3706.45. (A) An owner or operator of a qualifying nuclear resource or qualifying renewable resource whose application was approved under section 3706.43 of the Revised Code shall report to the Ohio air quality development authority, not later than seven days after the close of each quarter, the number of megawatt hours the resource produced, if any, in the previous quarter. The first report shall be made not later than</pre>	176 177 178 179 180 181 182 183 184 185 186

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the authority. 190 (B) The authority shall issue one nuclear resource credit 191 to a qualifying nuclear resource for each megawatt hour of 192 electricity that is both reported under division (A) of this 193 section and approved by the authority. The authority shall issue 194 one renewable energy credit to a qualifying renewable resource 195 for each megawatt hour of electricity that is both reported 196 under division (A) of this section and approved by the 197 authority. 198 (C) Except as provided in section 3706.61 of the Revised 199 Code, the price for a nuclear resource credit paid under section 200 3706.55 of the Revised Code shall be nine dollars. 201 (D) The price for a renewable energy credit paid under 202 section 3706.55 of the Revised Code shall be nine dollars. 203 Sec. 3706.46. (A) (1) Beginning for all bills rendered on 204 or after January 1, 2020, by an electric distribution utility in 205 this state, such electric distribution utility shall collect 206 from all of its retail electric customers in this state, each 207 month, a charge or charges which, in the aggregate, are 208 209 sufficient to produce the following revenue requirements: (a) One hundred fifty million dollars annually for total 210 disbursements required under section 3706.55 of the Revised Code 211 from the nuclear generation fund; 212 (b) Twenty million dollars annually for total 213 disbursements required under section 3706.55 of the Revised Code 214 from the renewable generation fund. 215 (2) The public utilities commission shall determine the 216 method by which the revenue is allocated or assigned to each 217

electric distribution utility for billing and collection,

provided that the method of allocation shall be based on the	219
relative number of customers, relative quantity of kilowatt hour	220
sales, or a combination of the two. The level and structure of	221
the charge shall be authorized by the commission through a	222
process that the commission shall determine is not for an	223
increase in any rate, joint rate, toll, classification, charge,	224
or rental, notwithstanding anything to the contrary in Title	225
XLIX of the Revised Code.	226
(B) In authorizing the level and structure of any charge	227
or charges to be billed and collected by each electric	228
distribution utility, the commission shall ensure that the per-	229
customer monthly charge for residential customers does not	230
exceed eighty-five cents and that the per-customer monthly	231
charge for industrial customers eligible to become self-	232
assessing purchasers pursuant to division (C) of section 5727.81	233
of the Revised Code does not exceed two thousand four hundred	234
dollars. For nonresidential customers that are not self-	235
assessing purchasers, the level and design of the charge or	236
charges shall be established in a manner that avoids abrupt or	237

(C) Each charge authorized by the commission under this 239 section shall be subject to adjustment so as to reconcile actual 240 revenue collected with the revenue needed to meet the revenue 241 requirements under division (A)(1) of this section. The 242 commission shall authorize each electric distribution utility to 243 adopt accounting practices to facilitate such reconciliation. 244 Notwithstanding any other provisions of the Revised Code, the 245 charge or charges authorized by the commission may continue 246 beyond December 31, 2026, only if it is necessary to reconcile_ 247 actual revenue collected under this section during the period 248 ending on December 31, 2026, with the actual revenue needed to 249

excessive total net electric bill impacts for typical customers.

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meet the revenue requirements under division (A)(1) of this	250
section for required disbursements under section 3706.55 of the	251
Revised Code that may be due and owing during the same period.	252
Such continuation shall be authorized only for such period of	253
time beyond December 31, 2026, as may be reasonably necessary to	254
complete the reconciliation.	255
Sec. 3706.49. (A) There is hereby created the nuclear	256
generation fund and the renewable generation fund. Each fund	257
shall be in the custody of the treasurer of state but shall not	258
be part of the state treasury. Each fund shall consist of the	259
charges collected under section 3706.46 of the Revised Code and	260
deposited in accordance with section 3706.53 of the Revised	261
Code. The interest generated by each fund shall be retained by	262
each respective fund and used for the purposes set forth in	263
sections 3706.40 to 3706.65 of the Revised Code.	264
(B) The treasurer of state shall distribute the moneys in	265
the funds in accordance with directions provided by the Ohio air	266
guality development authority. Before giving directions under	267
this division, the authority shall consult with the public	268
utilities commission.	269
Sec. 3706.53. Subject to section 3706.61 of the Revised	270
Code:	271
(A) Eighty-eight and twenty-five hundredths per cent of	272
the charges collected under section 3706.46 of the Revised Code	273
shall be deposited to the credit of the nuclear generation fund	274
created under section 3706.49 of the Revised Code.	275
(B) Eleven and seventy-five hundredths per cent of the	276
charges collected under section 3706.46 of the Revised Code	277
shall be deposited to the credit of the renewable generation	278

fund created under section 3706.49 of the Revised Code.	279
Sec. 3706.55. (A) For the period beginning with April of	280
2020 and ending with January of 2027, the Ohio air quality	281
development authority shall, in April of 2020 and every three	282
months thereafter through the end of the period, and not later	283
than fourteen days after the receipt of the information reported	284
under section 3706.45 of the Revised Code, direct the treasurer	285
of state to remit money from the funds created under section	286
3706.49 of the Revised Code as follows:	287
(1) Subject to sections 3706.59 and 3706.61 of the Revised	288
Code, from the nuclear generation fund to the owner or operator	289
of a qualifying nuclear resource, in the amount equivalent to	290
the number of credits earned by the resource during the previous	291
guarter multiplied by the credit price, and as directed by the	292
authority in accordance with section 3706.61 of the Revised	293
<u>Code;</u>	294
(2) Subject to section 3706.59 of the Revised Code, from	295
the renewable generation fund to the owners or operators of	296
qualifying renewable resources, in the amount equivalent to the	297
number of credits earned by the resources during the previous	298
quarter multiplied by the credit price.	299
(B) Notwithstanding section 4905.32 of the Revised Code,	300
any amounts remaining in the nuclear generation fund and the	301
renewable generation fund as of December 31, 2026, minus the	302
remittances that are required to be made between that date and	303
January 21, 2027, shall be refunded to customers in a manner	304
that shall be determined by the authority in consultation with	305
the public utilities commission.	306
Sec. 3706.59. (A) If the money in the nuclear generation	307

fund is insufficient in a particular quarter to make the	308
payments in the amount required under division (A)(1) of section	309
3706.55 of the Revised Code, then the Ohio air quality	310
development authority shall, not later than twenty-one days	311
after the close of any quarter in which the owner or operator	312
was not fully compensated, direct the treasurer of state to	313
remit money from the nuclear generation fund to pay for the	314
unpaid credits.	315
(B) If the money in the renewable generation fund is	316
insufficient to make the payments in the amounts required under	317
division (A)(2) of section 3706.55 of the Revised Code for all	318
owners and operators of qualifying renewable resources, then the	319
authority shall do both of the following:	320
(1) Not later than twenty-one days after the close of the	321
quarter in which the charges collected were insufficient, direct	322
the treasurer to prorate payments from the total amount	323
available in the renewable generation fund, based on the number	324
of each resource's credits earned during the previous quarter;	325
(2) Not later than twenty-one days after the close of any	326
quarter in which the owners or operators received prorated	327
payments under division (B)(1) of this section, direct the	328
treasurer of state to remit money from the renewable generation	329
fund to pay for the unpaid credits. Unpaid credits paid for	330
under division (B)(2) of this section shall be paid before any	331
other remittances are made under division (A)(2) of section	332
3706.55 of the Revised Code.	333
Sec. 3706.61. (A) In each year beginning in 2021 and	334
ending in 2026, the public utilities commission shall, not later	335
than the first day of May of each of those years, conduct a	336
retrospective management and financial review of the owner or	337

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operator of a qualifying nuclear resource and any such resource	338
that receives payments for nuclear resource credits under	339
section 3706.55 of the Revised Code. In doing so, the commission	340
may retain consultants and advisors to perform all or any	341
portion of the annual reviews, the cost of which shall be paid,	342
at the direction of the Ohio air quality development authority,	343
by the treasurer of state from the nuclear generation fund in	344
accordance with section 3706.55 of the Revised Code.	345
(B) Any owner or operator subject to a review under_	346
division (A) of this section may, for purposes of the review,	347
provide the commission or the commission's consultants or	348
advisors with any information the owner or operator chooses. The	349
owner or operator shall promptly and fully respond to any	350
document, information, data, or other request that may be	351
directed to its attention by the commission or the commission's	352
consultants or advisors for the purpose of the review. Any	353
material failure to timely and fully respond shall result in	354
suspension of further receipt of payments for nuclear resource	355
credits under section 3706.55 of the Revised Code until the	356
failure is cured to the satisfaction of the commission.	357
(C) The commission shall submit a report summarizing the	358
findings of each annual review to the president and minority	359
leader of the senate, the speaker and minority leader of the	360
house of representatives, and the Ohio air quality development	361
authority, and shall make the report publicly available,	362
provided that the report shall not reveal any confidential or	363
proprietary information. The submission shall include a copy of	364
the owner's or operator's own certified annual audit that was	365
obtained during the review performed under this section.	366
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(D) In consultation with the commission, the Ohio air

quality development authority shall consider the findings of the	368
review and may cease or reduce payments for nuclear resource	369
credits under section 3706.55 of the Revised Code if the	370
authority determines any of the following:	371
(1) That the federal energy regulatory commission or the	372
nuclear regulatory commission has established a monetary benefit	373
or other incentive payment to continue the resource's commercial	374
operation;	375
(2) That either requirement under division (A) or (B)(2)	376
of section 3706.43 of the Revised Code is no longer being met;	377
(3) That the resource's owner or operator applies, before	378
May 1, 2026, to decommission the resource;	379
(4) That, for the purpose of ensuring that the funding for	380
nuclear resource credits remains reasonable, the market price	381
index exceeds the strike price on the first day of June in the	382
year in which the report is submitted, in which case the	383
authority shall apply the credit price adjustment for the	384
twelve-month period that begins on that day and ends the thirty-	385
first day of May, or, for 2026, for the seven-month period that	386
begins on that day and ends the thirty-first day of December.	387
(E)(1) If the authority determines it necessary to make	388
reductions under division (D) of this section, the commission	389
shall do all of the following, as necessary:	390
(a) Reduce the revenue requirement under division (A)(1)	391
(a) of section 3706.46 of the Revised Code;	392
(b) Except when the authority has applied the credit price	393
adjustment under division (D)(4) of this section, reduce the	394
price of a nuclear resource credit under section 3706.45 of the	395
Revised Code, in accordance with a reduced revenue requirement;	396

(c) Reduce the charge or charges under section 3706.46 of	397
the Revised Code, to conform with a reduced revenue requirement;	398
(d) Adjust the percentages under section 3706.53 of the	399
Revised Code in accordance with a reduced revenue requirement.	400
(2) Any revisions made by the commission under division	401
(E) (1) of this section shall be made through a process that the	402
commission shall determine is not for an increase in any rate,	403
joint rate, toll, classification, charge, or rental,	404
notwithstanding anything to the contrary in Title XLIX of the	405
Revised Code.	406
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(F) If the payments for nuclear resource credits are	407
suspended or ceased under this section, the commission shall	408
instruct the electric distribution utilities to accordingly	409
suspend or cease billing and collecting customer charges under	410
section 3706.46 of the Revised Code.	411
(G) Chapter 4903. of the Revised Code shall not apply to	412
this section.	413
Sec. 3706.63. Not later than January 1, 2020, the Ohio air	414
quality development authority shall adopt rules under Chapter	415
119. of the Revised Code that are necessary to implement	416
sections 3706.40 to 3706.65 of the Revised Code.	417
Sec. 3706.65. (A) For the purpose of carrying out the Ohio	418
air quality development authority's duties under sections	419
3706.40 to 3706.63 of the Revised Code, the authority may make	420
use of the staff and experts employed at the public utilities	421
commission in such manner as is provided by mutual arrangement	422
between the authority and the commission. Any information, data,	423
and equipment of the commission shall be placed at the disposal_	424
of the authority.	425

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(B) If any information, data, or equipment is not a public	426
record for purposes of section 149.43 of the Revised Code	427
because either the authority or the commission possesses that	428
information, data, or equipment, then the operation of division	429
(A) of this section shall not be construed to render that	430
information, data, or equipment a public record, notwithstanding	431
any provision of the Revised Code to the contrary.	432
Sec. 4906.13. (A) As used in this section and sections	433
4906.20 and 4906.98 of the Revised Code, "economically	434
significant wind farm" means wind turbines and associated	435
facilities with a single interconnection to the electrical grid	436
and designed for, or capable of, operation at an aggregate	437
capacity of five or more megawatts but less than fifty	438
megawatts. The term excludes any such wind farm in operation on	439
June 24, 2008. The term also excludes one or more wind turbines	440
and associated facilities that are primarily dedicated to	441
providing electricity to a single customer at a single location	442
and that are designed for, or capable of, operation at an	443
aggregate capacity of less than twenty megawatts, as measured at	444
the customer's point of interconnection to the electrical grid.	445
(B) No public agency or political subdivision of this	446
state may require any approval, consent, permit, certificate, or	447
other condition for the construction or operation of a major	448
utility facility or economically significant wind farm	449
authorized by a certificate issued pursuant to Chapter 4906. of	450
the Revised Code. Nothing herein shall prevent the application	451
of state laws for the protection of employees engaged in the	452
construction of such facility or wind farm nor of municipal	453
regulations that do not pertain to the location or design of, or	454
pollution control and abatement standards for, a major utility	455

facility or economically significant wind farm for which a

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certificate h	as been	granted	under	this	chapter	457
		grancea	unacr		chapter.	

Sec. 4928.01. (A) As used in this chapter: 458

(1) "Ancillary service" means any function necessary to 459 the provision of electric transmission or distribution service 460 to a retail customer and includes, but is not limited to, 461 scheduling, system control, and dispatch services; reactive 462 supply from generation resources and voltage control service; 463 reactive supply from transmission resources service; regulation 464 465 service; frequency response service; energy imbalance service; operating reserve-spinning reserve service; operating reserve-466 supplemental reserve service; load following; back-up supply 467 service; real-power loss replacement service; dynamic 468 scheduling; system black start capability; and network stability 469 service. 470

(2) "Billing and collection agent" means a fully 471 independent agent, not affiliated with or otherwise controlled 472 by an electric utility, electric services company, electric 473 cooperative, or governmental aggregator subject to certification 474 under section 4928.08 of the Revised Code, to the extent that 475 476 the agent is under contract with such utility, company, cooperative, or aggregator solely to provide billing and 477 collection for retail electric service on behalf of the utility 478 479 company, cooperative, or aggregator.

(3) "Certified territory" means the certified territory
established for an electric supplier under sections 4933.81 to
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4933.90 of the Revised Code.
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(4) "Competitive retail electric service" means a
component of retail electric service that is competitive as
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provided under division (B) of this section.
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(5) "Electric cooperative" means a not-for-profit electric
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light company that both is or has been financed in whole or in
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part under the "Rural Electrification Act of 1936," 49 Stat.
1363, 7 U.S.C. 901, and owns or operates facilities in this
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state to generate, transmit, or distribute electricity, or a
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not-for-profit successor of such company.

(6) "Electric distribution utility" means an electric
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 utility that supplies at least retail electric distribution
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 service.

(7) "Electric light company" has the same meaning as in
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section 4905.03 of the Revised Code and includes an electric
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services company, but excludes any self-generator to the extent
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that it consumes electricity it so produces, sells that
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electricity for resale, or obtains electricity from a generating
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facility it hosts on its premises.

(8) "Electric load center" has the same meaning as insection 4933.81 of the Revised Code.502

(9) "Electric services company" means an electric light 503 company that is engaged on a for-profit or not-for-profit basis 504 in the business of supplying or arranging for the supply of only 505 a competitive retail electric service in this state. "Electric 506 services company" includes a power marketer, power broker, 507 aggregator, or independent power producer but excludes an 508 electric cooperative, municipal electric utility, governmental 509 aggregator, or billing and collection agent. 510

(10) "Electric supplier" has the same meaning as insection 4933.81 of the Revised Code.512

(11) "Electric utility" means an electric light company513that has a certified territory and is engaged on a for-profit514

basis either in the business of supplying a noncompetitive515retail electric service in this state or in the businesses of516supplying both a noncompetitive and a competitive retail517electric service in this state. "Electric utility" excludes a518municipal electric utility or a billing and collection agent.519

(12) "Firm electric service" means electric service other than nonfirm electric service.

(13) "Governmental aggregator" means a legislative 522 authority of a municipal corporation, a board of township 523 trustees, or a board of county commissioners acting as an 524 aggregator for the provision of a competitive retail electric 525 service under authority conferred under section 4928.20 of the 526 Revised Code. 527

(14) A person acts "knowingly," regardless of the person's 528 purpose, when the person is aware that the person's conduct will 529 probably cause a certain result or will probably be of a certain 530 nature. A person has knowledge of circumstances when the person 531 is aware that such circumstances probably exist. 532

(15) "Level of funding for low-income customer energy 533 efficiency programs provided through electric utility rates" 534 means the level of funds specifically included in an electric 535 utility's rates on October 5, 1999, pursuant to an order of the 536 public utilities commission issued under Chapter 4905. or 4909. 537 of the Revised Code and in effect on October 4, 1999, for the 538 purpose of improving the energy efficiency of housing for the 539 utility's low-income customers. The term excludes the level of 540 any such funds committed to a specific nonprofit organization or 541 organizations pursuant to a stipulation or contract. 542

(16) "Low-income customer assistance programs" means the

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percentage of income payment plan program, the home energy544assistance program, the home weatherization assistance program,545and the targeted energy efficiency and weatherization program.546

(17) "Market development period" for an electric utility 547 means the period of time beginning on the starting date of 548 competitive retail electric service and ending on the applicable 549 date for that utility as specified in section 4928.40 of the 550 Revised Code, irrespective of whether the utility applies to 551 receive transition revenues under this chapter. 552

(18) "Market power" means the ability to impose on
customers a sustained price for a product or service above the
price that would prevail in a competitive market.

(19) "Mercantile customer" means a commercial or 556 industrial customer if the electricity consumed is for 557 nonresidential use and the customer consumes more than seven 558 hundred thousand kilowatt hours per year or is part of a 559 national account involving multiple facilities in one or more 560 states. 561

(20) "Municipal electric utility" means a municipal
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 corporation that owns or operates facilities to generate,
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 transmit, or distribute electricity.
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(21) "Noncompetitive retail electric service" means a
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 component of retail electric service that is noncompetitive as
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 provided under division (B) of this section.
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(22) "Nonfirm electric service" means electric service
provided pursuant to a schedule filed under section 4905.30 of
the Revised Code or pursuant to an arrangement under section
4905.31 of the Revised Code, which schedule or arrangement
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includes conditions that may require the customer to curtail or
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interrupt electric usage during nonemergency circumstances upon	573
notification by an electric utility.	574
(23) "Percentage of income payment plan arrears" means	575
funds eligible for collection through the percentage of income	576
payment plan rider, but uncollected as of July 1, 2000.	577
(24) "Person" has the same meaning as in section 1.59 of	578
the Revised Code.	579
(25) "Advanced energy project" means any technologies,	580
products, activities, or management practices or strategies that	581
facilitate the generation or use of electricity or energy and	582
that reduce or support the reduction of energy consumption or	583
support the production of clean, renewable energy for	584
industrial, distribution, commercial, institutional,	585
governmental, research, not-for-profit, or residential energy	586
users, including, but not limited to, advanced energy resources	587
and renewable energy resources. "Advanced energy project" also	588
includes any project described in division (A), (B), or (C) of	589

includes any project described in division (A), (B), or (C) of section 4928.621 of the Revised Code.

(26) "Regulatory assets" means the unamortized net 591 regulatory assets that are capitalized or deferred on the 592 regulatory books of the electric utility, pursuant to an order 593 or practice of the public utilities commission or pursuant to 594 generally accepted accounting principles as a result of a prior 595 commission rate-making decision, and that would otherwise have 596 been charged to expense as incurred or would not have been 597 capitalized or otherwise deferred for future regulatory 598 consideration absent commission action. "Regulatory assets" 599 includes, but is not limited to, all deferred demand-side 600 management costs; all deferred percentage of income payment plan 601 arrears; post-in-service capitalized charges and assets 602

recognized in connection with statement of financial accounting 603 standards no. 109 (receivables from customers for income taxes); 604 future nuclear decommissioning costs and fuel disposal costs as 605 those costs have been determined by the commission in the 606 electric utility's most recent rate or accounting application 607 proceeding addressing such costs; the undepreciated costs of 608 safety and radiation control equipment on nuclear generating 609 plants owned or leased by an electric utility; and fuel costs 610 currently deferred pursuant to the terms of one or more 611 settlement agreements approved by the commission. 612

(27) "Retail electric service" means any service involved 613 in supplying or arranging for the supply of electricity to 614 ultimate consumers in this state, from the point of generation 615 to the point of consumption. For the purposes of this chapter, 616 retail electric service includes one or more of the following 617 "service components": generation service, aggregation service, 618 power marketing service, power brokerage service, transmission 619 service, distribution service, ancillary service, metering 620 service, and billing and collection service. 621

(28) "Starting date of competitive retail electricservice" means January 1, 2001.623

(29) "Customer-generator" means a user of a net metering624system.625

(30) "Net metering" means measuring the difference in an
applicable billing period between the electricity supplied by an
electric service provider and the electricity generated by a
customer-generator that is fed back to the electric service
provider.

(31) "Net metering system" means a facility for the

production of electrical energy that does all of the following:	632
(a) Uses as its fuel either solar, wind, biomass, landfill	633
gas, or hydropower, or uses a microturbine or a fuel cell;	634
(b) Is located on a customer-generator's premises;	635
(c) Operates in parallel with the electric utility's	636
transmission and distribution facilities;	637
(d) Is intended primarily to offset part or all of the	638
customer-generator's requirements for electricity. For an	639
industrial customer-generator with a net metering system that	640
has a capacity of less than twenty megawatts and uses wind as	641
energy, this means the net metering system was sized so as to	642
not exceed one hundred per cent of the customer-generator's	643
annual requirements for electric energy at the time of	644
interconnection.	645
(32) "Self-generator" means an entity in this state that	646
owns or hosts on its premises an electric generation facility	647
that produces electricity primarily for the owner's consumption	648
and that may provide any such excess electricity to another	649
entity, whether the facility is installed or operated by the	650
owner or by an agent under a contract.	651
(33) "Rate plan" means the standard service offer in	652
effect on the effective date of the amendment of this section by	653
S.B. 221 of the 127th general assembly, July 31, 2008.	654
(34) "Advanced energy resource" means any of the	655
following:	656
(a) Any method or any modification or replacement of any	657
property, process, device, structure, or equipment that	658
increases the generation output of an electric generating	659

facility to the extent such efficiency is achieved without	660
additional carbon dioxide emissions by that facility;	661
(b) Any distributed generation system consisting of	662
customer cogeneration technology;	663
(c) Clean coal technology that includes a carbon-based	664
product that is chemically altered before combustion to	665
demonstrate a reduction, as expressed as ash, in emissions of	666
nitrous oxide, mercury, arsenic, chlorine, sulfur dioxide, or	667
sulfur trioxide in accordance with the American society of	668
testing and materials standard D1757A or a reduction of metal	669
oxide emissions in accordance with standard D5142 of that	670
society, or clean coal technology that includes the design	671
capability to control or prevent the emission of carbon dioxide,	672
which design capability the commission shall adopt by rule and	673
shall be based on economically feasible best available	674
technology or, in the absence of a determined best available	675
technology, shall be of the highest level of economically	676
feasible design capability for which there exists generally	677
accepted scientific opinion;	678
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(d) Advanced nuclear energy technology consisting of
generation III technology as defined by the nuclear regulatory
commission; other, later technology; or significant improvements
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to existing facilities;
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(e) Any fuel cell used in the generation of electricity,
including, but not limited to, a proton exchange membrane fuel
cell, phosphoric acid fuel cell, molten carbonate fuel cell, or
solid oxide fuel cell;

(f) Advanced solid waste or construction and demolitiondebris conversion technology, including, but not limited to,688

advanced stoker technology, and advanced fluidized bed	689
gasification technology, that results in measurable greenhouse	690
gas emissions reductions as calculated pursuant to the United	691
States environmental protection agency's waste reduction model	692
(WARM);	693
(g) Demand-side management and any energy efficiency	694
<pre>improvement;</pre>	695
(h) Any new, retrofitted, refueled, or repowered	696
generating facility located in Ohio, including a simple or	697
combined-cycle natural gas generating facility or a generating	698
facility that uses biomass, coal, modular nuclear, or any other	699
fuel as its input;	700
(i) Any uprated capacity of an existing electric	701
generating facility if the uprated capacity results from the	702
deployment of advanced technology.	703
"Advanced energy resource" does not include a waste energy	704
recovery system that is, or has been, included in an energy	705
efficiency program of an electric distribution utility pursuant	706
to requirements under section 4928.66 of the Revised Code.	707
(35) "Air contaminant source" has the same meaning as in	708
section 3704.01 of the Revised Code.	709
(36) "Cogeneration technology" means technology that	710
produces electricity and useful thermal output simultaneously.	711
(37)(a) "Renewable energy resource" means any of the	712
following:	713
(i) Solar photovoltaic or solar thermal energy;	714
(ii) Wind energy;	715
(II) WING ENELGY,	110

(iii) Power produced by a hydroelectric facility;	716
(iv) Power produced by a small hydroelectric facility,	717
which is a facility that operates, or is rated to operate, at an	718
aggregate capacity of less than six megawatts;	719
(v) Power produced by a run-of-the-river hydroelectric	720
facility placed in service on or after January 1, 1980, that is	721
located within this state, relies upon the Ohio river, and	722
operates, or is rated to operate, at an aggregate capacity of	723
forty or more megawatts;	724
(vi) Geothermal energy;	725
(vii) Fuel derived from solid wastes, as defined in	726
section 3734.01 of the Revised Code, through fractionation,	727
biological decomposition, or other process that does not	728
principally involve combustion;	729
<pre>principally involve combustion; (viii) Biomass energy;</pre>	729 730
(viii) Biomass energy;	730
(viii) Biomass energy; (ix) Energy produced by cogeneration technology that is	730 731
<pre>(viii) Biomass energy; (ix) Energy produced by cogeneration technology that is placed into service on or before December 31, 2015, and for</pre>	730 731 732
<pre>(viii) Biomass energy; (ix) Energy produced by cogeneration technology that is placed into service on or before December 31, 2015, and for which more than ninety per cent of the total annual energy input</pre>	730 731 732 733
<pre>(viii) Biomass energy; (ix) Energy produced by cogeneration technology that is placed into service on or before December 31, 2015, and for which more than ninety per cent of the total annual energy input is from combustion of a waste or byproduct gas from an air</pre>	730 731 732 733 734
<pre>(viii) Biomass energy; (ix) Energy produced by cogeneration technology that is placed into service on or before December 31, 2015, and for which more than ninety per cent of the total annual energy input is from combustion of a waste or byproduct gas from an air contaminant source in this state, which source has been in</pre>	730 731 732 733 734 735
<pre>(viii) Biomass energy; (ix) Energy produced by cogeneration technology that is placed into service on or before December 31, 2015, and for which more than ninety per cent of the total annual energy input is from combustion of a waste or byproduct gas from an air contaminant source in this state, which source has been in operation since on or before January 1, 1985, provided that the</pre>	730 731 732 733 734 735 736
<pre>(viii) Biomass energy; (ix) Energy produced by cogeneration technology that is placed into service on or before December 31, 2015, and for which more than ninety per cent of the total annual energy input is from combustion of a waste or byproduct gas from an air contaminant source in this state, which source has been in operation since on or before January 1, 1985, provided that the cogeneration technology is a part of a facility located in a</pre>	730 731 732 733 734 735 736 737
<pre>(viii) Biomass energy; (ix) Energy produced by cogeneration technology that is placed into service on or before December 31, 2015, and for which more than ninety per cent of the total annual energy input is from combustion of a waste or byproduct gas from an air contaminant source in this state, which source has been in operation since on or before January 1, 1985, provided that the cogeneration technology is a part of a facility located in a county having a population of more than three hundred sixty-five</pre>	730 731 732 733 734 735 736 737 738
<pre>(viii) Biomass energy; (ix) Energy produced by cogeneration technology that is placed into service on or before December 31, 2015, and for which more than ninety per cent of the total annual energy input is from combustion of a waste or byproduct gas from an air contaminant source in this state, which source has been in operation since on or before January 1, 1985, provided that the cogeneration technology is a part of a facility located in a county having a population of more than three hundred sixty-five thousand but less than three hundred seventy thousand according</pre>	730 731 732 733 734 735 736 737 738 739
<pre>(viii) Biomass energy; (ix) Energy produced by cogeneration technology that is placed into service on or before December 31, 2015, and for which more than ninety per cent of the total annual energy input is from combustion of a waste or byproduct gas from an air contaminant source in this state, which source has been in operation since on or before January 1, 1985, provided that the cogeneration technology is a part of a facility located in a county having a population of more than three hundred sixty-five thousand but less than three hundred seventy thousand according to the most recent federal decennial census;</pre>	730 731 732 733 734 735 736 737 738 739 740

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gas;

(xii) Energy derived from nontreated by-products of the
pulping process or wood manufacturing process, including bark,
wood chips, sawdust, and lignin in spent pulping liquors.
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"Renewable energy resource" includes, but is not limited 748 to, any fuel cell used in the generation of electricity, 749 including, but not limited to, a proton exchange membrane fuel 750 cell, phosphoric acid fuel cell, molten carbonate fuel cell, or 751 solid oxide fuel cell; wind turbine located in the state's 752 territorial waters of Lake Erie; methane gas emitted from an 753 abandoned coal mine; waste energy recovery system placed into 754 service or retrofitted on or after the effective date of the 755 amendment of this section by S.B. 315 of the 129th general 756 assembly, September 10, 2012, except that a waste energy 757 recovery system described in division (A) (38) (b) of this section 758 may be included only if it was placed into service between 759 January 1, 2002, and December 31, 2004; storage facility that 760 will promote the better utilization of a renewable energy 761 resource; or distributed generation system used by a customer to 762 generate electricity from any such energy. 763

"Renewable energy resource" does not include a waste 764 energy recovery system that is, or was, on or after January 1, 765 2012, included in an energy efficiency program of an electric 766 distribution utility pursuant to requirements under section 767 4928.66 of the Revised Code. 768

(b) As used in division (A) (37) of this section,
"hydroelectric facility" means 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 and meets all of the

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following standards:

(i) The facility provides for river flows that are not
detrimental for fish, wildlife, and water quality, including
seasonal flow fluctuations as defined by the applicable
for the facility.

(ii) The facility demonstrates that it complies with the 779 water quality standards of this state, which compliance may 780 consist of certification under Section 401 of the "Clean Water 781 Act of 1977," 91 Stat. 1598, 1599, 33 U.S.C. 1341, and 782 demonstrates that it has not contributed to a finding by this 783 state that the river has impaired water quality under Section 784 303(d) of the "Clean Water Act of 1977," 114 Stat. 870, 33 785 U.S.C. 1313. 786

(iii) The facility complies with mandatory prescriptions
regarding fish passage as required by the federal energy
regulatory commission license issued for the project, regarding
fish protection for riverine, anadromous, and catadromous fish.

(iv) The facility complies with the recommendations of the
Ohio environmental protection agency and with the terms of its
federal energy regulatory commission license regarding watershed
protection, mitigation, or enhancement, to the extent of each
agency's respective jurisdiction over the facility.

(v) The facility complies with provisions of the
"Endangered Species Act of 1973," 87 Stat. 884, 16 U.S.C. 1531
to 1544, as amended.

(vi) The facility does not harm cultural resources of the
area. This can be shown through compliance with the terms of its
federal energy regulatory commission license or, if the facility
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is not regulated by that commission, through development of a
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plan approved by the Ohio historic preservation office, to the	803
extent it has jurisdiction over the facility.	804
(vii) The facility complies with the terms of its federal	805
energy regulatory commission license or exemption that are	806
related to recreational access, accommodation, and facilities	807
or, if the facility is not regulated by that commission, the	808
facility complies with similar requirements as are recommended	809
by resource agencies, to the extent they have jurisdiction over	810
the facility; and the facility provides access to water to the	811
public without fee or charge.	812
(viii) The facility is not recommended for removal by any	813
federal agency or agency of any state, to the extent the	814
particular agency has jurisdiction over the facility.	815
(c) The standards in divisions (A)(37)(b)(i) to (viii) of	816
this section do not apply to a small hydroelectric facility	817
under division (A)(37)(a)(iv) of this section.	818
(38) "Waste energy recovery system" means either of the	819
following:	820
(a) A facility that generates electricity through the	821
conversion of energy from either of the following:	822
(i) Exhaust heat from engines or manufacturing,	823
industrial, commercial, or institutional sites, except for	824
exhaust heat from a facility whose primary purpose is the	825
generation of electricity;	826
(ii) Reduction of pressure in gas pipelines before gas is	827
distributed through the pipeline, provided that the conversion	828
of energy to electricity is achieved without using additional	829
fossil fuels.	830

(b) A facility at a state institution of higher education
as defined in section 3345.011 of the Revised Code that recovers
waste heat from electricity-producing engines or combustion
turbines and that simultaneously uses the recovered heat to
produce steam, provided that the facility was placed into
service between January 1, 2002, and December 31, 2004.

(39) "Smart grid" means capital improvements to an
electric distribution utility's distribution infrastructure that
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improve reliability, efficiency, resiliency, or reduce energy
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demand or use, including, but not limited to, advanced metering
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and automation of system functions.

(40) "Combined heat and power system" means the
coproduction of electricity and useful thermal energy from the
same fuel source designed to achieve thermal-efficiency levels
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of at least sixty per cent, with at least twenty per cent of the
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system's total useful energy in the form of thermal energy.

(41) "Legacy generation resource" means all generating847facilities owned directly or indirectly by a corporation that848was formed prior to 1960 by investor-owned utilities for the849original purpose of providing power to the federal government850for use in the nation's defense or in furtherance of national851interests, including the Ohio valley electric corporation.852

(42) "Prudently incurred costs related to a legacy 853 generation resource" means costs, including deferred costs, 854 allocated pursuant to a power agreement approved by the federal 855 energy regulatory commission that relates to a legacy generation 856 resource, less any revenues realized from offering the 857 contractual commitment for the power agreement into the 858 wholesale markets, provided that where the net revenues exceed 859 net costs, those excess revenues shall be credited to customers. 860

Such costs shall exclude any return on investment in common 861 equity and, in the event of a premature retirement of a legacy 862 generation resource, shall exclude any recovery of remaining 863 debt. Such costs shall include any incremental costs resulting 864 from the bankruptcy of a current or former sponsor under such 865 power agreement or co-owner of the legacy generation resource if 866 not otherwise recovered through a utility rate cost recovery 867 mechanism. 868

(B) For the purposes of this chapter, a retail electric 869 service component shall be deemed a competitive retail electric 870 service if the service component is competitive pursuant to a 871 declaration by a provision of the Revised Code or pursuant to an 872 order of the public utilities commission authorized under 873 division (A) of section 4928.04 of the Revised Code. Otherwise, 874 the service component shall be deemed a noncompetitive retail 875 electric service. 876

Sec. 4928.148. (A) On January 1, 2020, any mechanism 877 authorized by the public utilities commission prior to the 878 effective date of this section for retail recovery of prudently 879 incurred costs related to a legacy generation resource shall be 880 replaced by a nonbypassable rate mechanism established by the 881 commission for recovery of those costs through December 31, 882 2030, from customers of all electric distribution utilities in 883 this state. The nonbypassable rate mechanism shall be 884 established through a process that the commission shall 885 determine is not for an increase in any rate, joint rate, toll, 886 classification, charge, or rental, notwithstanding anything to 887 the contrary in Title XLIX of the Revised Code. All of the 888 following shall apply to the nonbypassable rate mechanism 889 established under this section: 890

(1) The commission shall determine, in the years specified C 1 1 1 . .

in this division, the prudence and reasonableness of the actions	892
of electric distribution utilities with ownership interests in	893
the legacy generation resource, including their decisions	894
related to offering the contractual commitment into the	895
wholesale markets, and exclude from recovery those costs that	896
the commission determines imprudent and unreasonable. The	897
initial determination shall be made during 2021 regarding the	898
prudence and reasonableness of such actions during calendar year	899
2020. The commission shall again make the determination in 2024,	900
2027, and 2030 regarding the prudence and reasonableness of such	901
actions during the three calendar years that preceded the year	902
in which the determination is made.	903

(2) The commission shall determine the proper rate design 904 for recovering or remitting the prudently incurred costs related 905 to a legacy generation resource, provided, however, that the 906 monthly charge or credit for those costs, including any 907 deferrals or credits, shall not exceed one dollar and fifty 908 cents per customer per month for residential customers. For all 909 other customer classes, the commission shall establish 910 comparable monthly caps for each class at or below one thousand 911 five hundred dollars per customer. Insofar as the prudently 912 incurred costs related to a legacy generation resource exceed 913 these monthly limits, the electric distribution utility shall 914 defer the remaining prudently incurred costs as a regulatory 915 asset or liability that shall be recovered as determined by the 916 commission subject to the monthly caps set forth in this 917 division. 918

(3) The commission shall provide for discontinuation, 919 subject to final reconciliation, of the nonbypassable rate_ 920 mechanism on December 31, 2030, including recovery of any 921

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deferrals that exist at that time.

(4) The commission shall determine the manner in which923charges collected under this section by a utility with no924ownership interest in a legacy generation resource shall be925remitted to the utilities with such ownership interests, in926direct proportion to each utility's sponsorship interest.927

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(B) An electric distribution utility, including all928electric distribution utilities in the same holding company,929shall bid all output from a legacy generation resource into the930wholesale market and shall not use the output in supplying its931standard service offer provided under section 4928.142 or9324928.143 of the Revised Code.933

Sec. 4928.47. (A) An electric distribution utility may, on 934 a nondiscriminatory basis and subject to approval by the public 935 utilities commission, enter into an agreement having a term of 936 three years or more with a mercantile customer or group of 937 mercantile customers for the purpose of constructing a customer 938 sited renewable energy resource in this state that will provide 939 940 the mercantile customer or group with a material portion of the customer's or group's electricity requirements. 941

(B) Any direct or indirect costs, including costs for 942 infrastructure development or generation, associated with the 943 in-state customer-sited renewable energy resource shall be paid 944 for solely by the utility and the mercantile customer or group 945 of mercantile customers. At no point shall the commission 946 authorize the utility to collect, nor shall the utility ever 947 collect, any of those costs from any customer other than the 948 mercantile customer or group of mercantile customers. 949

Sec. 4928.471. (A) Except as provided in division (E) of

this section, not earlier than thirty days after the effective	951
date of this section, an electric distribution utility may file	952
an application to implement a decoupling mechanism for the 2019	953
calendar year and each calendar year thereafter. For an electric	954
distribution utility that applies for a decoupling mechanism	955
under this section, the base distribution rates for residential	956
and commercial customers shall be decoupled to the base	957
distribution revenue and revenue resulting from implementation	958
of section 4928.66 of the Revised Code, excluding program costs	959
and shared savings, and recovered pursuant to an approved	960
electric security plan under section 4928.143 of the Revised	961
Code, as of the twelve-month period ending on December 31, 2018.	962
An application under this division shall not be considered an	963
application under section 4909.18 of the Revised Code.	964
(D) The commission shall issue an order approxing an	965
(B) The commission shall issue an order approving an	905
application for a decoupling mechanism filed under division (A)	966
of this section not later than sixty days after the application	967
is filed. In determining that an application is not unjust and	968
unreasonable, the commission shall verify that the rate schedule	969
or schedules are designed to recover the electric distribution	970
utility's 2018 annual revenues as described in division (A) of	971
this section and that the decoupling rate design is aligned with	972
the rate design of the electric distribution utility's existing	973
base distribution rates. The decoupling mechanism shall recover	974
an amount equal to the base distribution revenue and revenue	975

resulting from implementation of section 4928.66 of the Revised	976
Code, excluding program costs and shared savings, and recovered	977
pursuant to an approved electric security plan under section	978
4928.143 of the Revised Code, as of the twelve-month period	979
ending on December 31, 2018. The decoupling mechanism shall be	980
adjusted annually thereafter to reconcile any over recovery or	981

under recovery from the prior year and to enable an electric	982
distribution utility to recover the same level of revenues	983
described in division (A) of this section in each year.	984
(C) The commission's approval of a decoupling mechanism	985
under this section shall not affect any other rates, riders,	986
charges, schedules, classifications, or services previously	987
approved by the commission. The decoupling mechanism shall	988
remain in effect until the next time that the electric	989
distribution utility applies for and the commission approves	990
base distribution rates for the utility under section 4909.18 of	991
the Revised Code.	992
(D) If the commission determines that approving a	993
decoupling mechanism will result in a double recovery by the	994
electric distribution utility, the commission shall not approve	995
the application unless the utility cures the double recovery.	996
(E) Divisions (A), (B), and (C) of this section shall not	997
apply to an electric distribution utility that has base	998
distribution rates that became effective between December 31,	999
2018, and the effective date of this section pursuant to an	1000
application for an increase in base distribution rates filed	1001
under section 4909.18 of the Revised Code.	1002
Sec. 4928.64. (A)(1) As used in this section, "qualifying	1003
renewable energy resource" means a renewable energy resource, as	1004
defined in section 4928.01 of the Revised Code that:	1005
(a) Has a placed-in-service date on or after January 1,	1006
1998;	1007
(b) Is any run-of-the-river hydroelectric facility that	1008
has an in-service date on or after January 1, 1980;	1009
(c) Is a small hydroelectric facility;	1010
(c, is a small myalocicolic factiley,	

(d) Is created on or after January 1, 1998, by the	1011
modification or retrofit of any facility placed in service prior	1011
to January 1, 1998; or	1012
to bandary 1, 1998, 01	IUIJ
(e) Is a mercantile customer-sited renewable energy	1014
resource, whether new or existing, that the mercantile customer	1015
commits for integration into the electric distribution utility's	1016
demand-response, energy efficiency, or peak demand reduction	1017
programs as provided under division (A)(2)(c) of section 4928.66	1018
of the Revised Code, including, but not limited to, any of the	1019
following:	1020
(i) A resource that has the effect of improving the	1021
relationship between real and reactive power;	1022
Teracionenip between fear and feaceive power,	1022
(ii) A resource that makes efficient use of waste heat or	1023
other thermal capabilities owned or controlled by a mercantile	1024
customer;	1025
(iii) Storage technology that allows a mercantile customer	1026
more flexibility to modify its demand or load and usage	1027
characteristics;	1028
	1000
(iv) Electric generation equipment owned or controlled by	1029
a mercantile customer that uses a renewable energy resource.	1030
(2) For the purpose of this section and as it considers	1031
appropriate, the public utilities commission may classify any	1032
new technology as such a qualifying renewable energy resource.	1033
(B)(1) By 2027 and thereafter the end of 2026, an electric	1034
distribution utility shall provide have provided from qualifying	1035
renewable energy resources, including, at its discretion,	1036
qualifying renewable energy resources obtained pursuant to an	1037
electricity supply contract, a portion of the electricity supply	1038
required for its standard service offer under section 4928.141	1039
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of the Revised Code, and an electric services company shall	1040
provide <u>have provided</u> a portion of its electricity supply for	1041
retail consumers in this state from qualifying renewable energy	1042
resources, including, at its discretion, qualifying renewable	1043
energy resources obtained pursuant to an electricity supply	1044
contract. That portion shall equal twelve <u>eight</u> and one-half per	1045
cent of the total number of kilowatt hours of electricity sold	1046
by the subject utility or company to any and all retail electric	1047
consumers whose electric load centers are served by that utility	1048
and are located within the utility's certified territory or, in	1049
the case of an electric services company, are served by the	1050
company and are located within this state. However, nothing in	1051
this section precludes a utility or company from providing a	1052
greater percentage.	1053
(2) The Subject to section 4928.642 of the Revised Code,	1054
the portion required under division (B)(1) of this section shall	1055

the portion required under division (B)(1) of this section shall1055be generated from renewable energy resources, including one-half1056per cent from solar energy resources, in accordance with the1057following benchmarks:1058

By en	d of y	rear	Renewable	energy	Solar	energ	ах		1059
	resou	rces	resources						1060
2009	0.25%	0.004	00						1061
2010	0.50%	0.010	00						1062
2011	1%	0.030	00						1063
2012	1.5%	0.060	00						1064
2013	2%	0.090	010						1065
2014	2.5%	0.12%							1066
2015	2.5%	0.12%							1067
2016	2.5%	0.12%							1068
2017	3.5%	0.15%							1069

2018 4.5% 0.18%	1070
2019 5.5% 0.22%	1071
2020 6.5<u>5.5</u>% 0.26<u>0</u>%	1072
2021 7.5<u>6</u>% 0.3<u>0</u>%	1073
2022 8.5<u>6.5</u>% 0.34<u>0</u>%	1074
2023 9.5 7% 0.38 0%	1075
2024 10.5<u>7.5</u>% 0.42<u>0</u>%	1076
2025 <u>11.58</u> % <u>0.460</u> %	1077
2026 and each calendar <u>12.5%8.5% 0.5%0%</u> .	1078
year thereafter	1079
(3) The qualifying renewable energy resources implemented	1080
by the utility or company shall be met either:	1081
(a) Through facilities located in this state; or	1082
(b) With resources that can be shown to be deliverable	1083
into this state.	1084
(C)(1) The commission annually shall review an electric	1085
distribution utility's or electric services company's compliance	1086
with the most recent applicable benchmark under division (B)(2)	1087
of this section and, in the course of that review, shall	1088
identify any undercompliance or noncompliance of the utility or	1089

identify any undercompliance or noncompliance of the utility or 1089 company that it determines is weather-related, related to 1090 equipment or resource shortages for qualifying renewable energy 1091 resources as applicable, or is otherwise outside the utility's 1092 or company's control. 1093

(2) Subject to the cost cap provisions of division (C) (3)
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of this section, if the commission determines, after notice and
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opportunity for hearing, and based upon its findings in that
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review regarding avoidable undercompliance or noncompliance, but
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subject to division (C) (4) of this section, that the utility or
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company has failed to comply with any such benchmark, the	1099
commission shall impose a renewable energy compliance payment on	1100
the utility or company.	1101
(a) The compliance payment pertaining to the solar energy	1102
resource benchmarks under division (B)(2) of this section shall	1103
be an amount per megawatt hour of undercompliance or	1104
noncompliance in the period under review, as follows:	1105
(i) Three hundred dollars for 2014, 2015, and 2016;	1106
(ii) Two hundred fifty dollars for 2017 and 2018;	1107
(iii) Two hundred dollars for 2019 and 2020;	1108
(iv) Similarly reduced every two years thereafter through	1109
2026 by fifty dollars, to a minimum of fifty dollars.	1110
(b) The compliance payment pertaining to the renewable	1111
energy resource benchmarks under division (B)(2) of this section	1112
shall equal the number of additional renewable energy credits	1113
that the electric distribution utility or electric services	1114
company would have needed to comply with the applicable	1115
benchmark in the period under review times an amount that shall	1116
begin at forty-five dollars and shall be adjusted annually by	1117
the commission to reflect any change in the consumer price index	1118
as defined in section 101.27 of the Revised Code, but shall not	1119
be less than forty-five dollars.	1120
(c) The compliance payment shall not be passed through by	1121
the electric distribution utility or electric services company	1122
to consumers. The compliance payment shall be remitted to the	1123

commission, for deposit to the credit of the advanced energy1124fund created under section 4928.61 of the Revised Code. Payment1125of the compliance payment shall be subject to such collection1126and enforcement procedures as apply to the collection of a1127

forfeiture under sections 4905.55 to 4905.60 and 4905.64 of the

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Revised Code. 1129 (3) An electric distribution utility or an electric 1130 services company need not comply with a benchmark under division 1131 (B) (2) of this section to the extent that its reasonably 1132 expected cost of that compliance exceeds its reasonably expected 1133 cost of otherwise producing or acquiring the requisite 1134 electricity by three per cent or more. The cost of compliance 1135 shall be calculated as though any exemption from taxes and 1136 assessments had not been granted under section 5727.75 of the 1137 Revised Code. 1138 (4) (a) An electric distribution utility or electric 1139 services company may request the commission to make a force 1140 majeure determination pursuant to this division regarding all or 1141 part of the utility's or company's compliance with any minimum 1142 benchmark under division (B)(2) of this section during the 1143 period of review occurring pursuant to division (C)(2) of this 1144 section. The commission may require the electric distribution 1145 utility or electric services company to make solicitations for 1146 renewable energy resource credits as part of its default service 1147 before the utility's or company's request of force majeure under 1148 this division can be made. 1149 (b) Within ninety days after the filing of a request by an 1150 electric distribution utility or electric services company under 1151 division (C)(4)(a) of this section, the commission shall 1152 determine if qualifying renewable energy resources are 1153 reasonably available in the marketplace in sufficient quantities 1154 for the utility or company to comply with the subject minimum 1155

benchmark during the review period. In making this 1156 determination, the commission shall consider whether the 1157

electric distribution utility or electric services company has 1158 made a good faith effort to acquire sufficient qualifying 1159 renewable energy or, as applicable, solar energy resources to so 1160 comply, including, but not limited to, by banking or seeking 1161 renewable energy resource credits or by seeking the resources 1162 through long-term contracts. Additionally, the commission shall 1163 consider the availability of qualifying renewable energy or 1164 solar energy resources in this state and other jurisdictions in 1165 the PJM interconnection regional transmission organization, 1166 L.L.C., or its successor and the midcontinent independent system 1167 operator or its successor. 1168

(c) If, pursuant to division (C)(4)(b) of this section, 1169 the commission determines that qualifying renewable energy or 1170 solar energy resources are not reasonably available to permit 1171 the electric distribution utility or electric services company 1172 to comply, during the period of review, with the subject minimum 1173 benchmark prescribed under division (B)(2) of this section, the 1174 commission shall modify that compliance obligation of the 1175 utility or company as it determines appropriate to accommodate 1176 the finding. Commission modification shall not automatically 1177 reduce the obligation for the electric distribution utility's or 1178 electric services company's compliance in subsequent years. If 1179 it modifies the electric distribution utility or electric 1180 services company obligation under division (C)(4)(c) of this 1181 section, the commission may require the utility or company, if 1182 sufficient renewable energy resource credits exist in the 1183 marketplace, to acquire additional renewable energy resource 1184 credits in subsequent years equivalent to the utility's or 1185 company's modified obligation under division (C)(4)(c) of this 1186 section. 1187

(5) The commission shall establish a process to provide

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for at least an annual review of the renewable energy resource 1189 market in this state and in the service territories of the 1190 regional transmission organizations that manage transmission 1191 systems located in this state. The commission shall use the 1192 results of this study to identify any needed changes to the 1193 amount of the renewable energy compliance payment specified 1194 under divisions (C)(2)(a) and (b) of this section. Specifically, 1195 the commission may increase the amount to ensure that payment of 1196 compliance payments is not used to achieve compliance with this 1197 section in lieu of actually acquiring or realizing energy 1198 derived from qualifying renewable energy resources. However, if 1199 the commission finds that the amount of the compliance payment 1200 should be otherwise changed, the commission shall present this 1201 finding to the general assembly for legislative enactment. 1202

(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:
 1205

(1) The compliance of electric distribution utilities andelectric services companies with division (B) of this section;1207

(2) The average annual cost of renewable energy credits
 purchased by utilities and companies for the year covered in the
 1209
 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
1212
economic impacts.

The commission shall begin providing the information1216described in division (D)(2) of this section in each report1217

division (C) of this section.

submitted after September 10, 2012. The commission shall allow1218and consider public comments on the report prior to its1219submission to the general assembly. Nothing in the report shall1220be binding on any person, including any utility or company for1221the purpose of its compliance with any benchmark under division1222(B) of this section, or the enforcement of that provision under1223

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

Sec. 4928.641. (A) If an electric distribution utility has 1229 executed a contract before April 1, 2014, to procure renewable 1230 energy resources and there are ongoing costs associated with 1231 that contract that are being recovered from customers through a 1232 bypassable charge as of the effective date of S.B. 310 of the 1233 130th general assembly, September 12, 2014, that cost recovery 1234 shall, regardless of the amendments to section 4928.64 of the 1235 Revised Code by H.B. 6 of the 133rd general assembly, continue 1236 on a bypassable basis-until the prudently incurred costs-1237 associated with that contract are fully recovered through _____ 1238 December 31, 2032. 1239

(B) Division (A) of this section applies only to costs
associated with the original term of a contract described in
that division and entered into before April 1, 2014. This
section does not permit recovery of costs associated with an
extension of such a contract. This section does not permit
recovery of costs associated with an amendment of such a
contract if that amendment was made on or after April 1, 2014.

Sec. 4928.642. Beginning with compliance year 2020, the 1247

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public utilities commission shall, in accordance with this	1248
section, reduce the number of kilowatt hours required for	1249
compliance with section 4928.64 of the Revised Code for all	1250
electric distribution utilities and all electric services	1251
companies in this state. The commission shall determine each	1252
utility's and each company's reduction by taking the total	1253
amount of kilowatt hours produced, if any, by all qualifying	1254
renewable resources, as defined in section 3706.40 of the	1255
Revised Code, during the preceding compliance year, allocating	1256
that total among all electric distribution utilities and	1257
electric services companies in proportion to their baselines for	1258
the subject compliance year, and subtracting that allocated	1259
amount from the utility's or company's compliance amount as	1260
otherwise determined under section 4928.64 of the Revised Code.	1261

Sec. 4928.644. (A) The public utilities commission may1262reduce either baseline described in section 4928.643 of the1263Revised Code to adjust for new economic growth in the electric1264distribution utility's certified territory or in the electric1265services company's service area in this state.1266

(B) To facilitate the competitiveness of mercantile 1267 customers located in this state that are registered as self-1268 assessing purchasers under division (C) of section 5727.81 of 1269 the Revised Code, the commission shall reduce both baselines 1270 described in section 4928.643 of the Revised Code to exclude the 1271 load and usage of those self-assessing purchasers. Upon the 1272 effective date of this reduction, both of the following shall 1273 apply: 1274

(1) Any electric distribution utility or electric services1275company serving such a self-assessing purchaser shall be1276relieved of the amount of compliance with section 4928.64 of the1277

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Revised Code that would be required but for the baseline	1278
reduction.	1279
(2) Such a self-assessing purchaser shall be exempt from	1280
any bypassable charge imposed under division (E) of section	1281
4928.64 of the Revised Code.	1282
Sec. 4928.645. (A) An electric distribution utility or	1283
electric services company may use, for the purpose of complying	1284
with the requirements under divisions (B)(1) and (2) of section	1285
4928.64 of the Revised Code, renewable energy credits any time	1286
in the five calendar years following the date of their purchase	1287
or acquisition from any entity, including, but not limited to,	1288
the following:	1289
(1) A mercantile customer;	1290
(2) An owner or operator of a hydroelectric generating	1291
facility that is located at a dam on a river, or on any water	1292
discharged to a river, that is within or bordering this state or	1293
within or bordering an adjoining state, or that produces power	1294
that can be shown to be deliverable into this state;	1295
(3) A seller of compressed natural gas that has been	1296
produced from biologically derived methane gas, provided that	1297
the seller may only provide renewable energy credits for metered	1298
amounts of gas.	1299
(B)(1) The public utilities commission shall adopt rules	1300
specifying that one unit of credit shall equal one megawatt hour	1301
of electricity derived from renewable energy resources, except	1302
that, for a generating facility of seventy-five megawatts or	1303
	1004

December 31, 2009, to modify or retrofit its generating unit or 1305 units to enable the facility to generate principally from 1306

greater that is situated within this state and has committed by

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biomass energy by June 30, 2013, each megawatt hour of 1307 electricity generated principally from that biomass energy shall 1308 equal, in units of credit, the product obtained by multiplying 1309 the actual percentage of biomass feedstock heat input used to 1310 generate such megawatt hour by the quotient obtained by dividing 1311 the then existing unit dollar amount used to determine a 1312 renewable energy compliance payment as provided under division 1313 (C)(2)(b) of section 4928.64 of the Revised Code by the then 1314 existing market value of one renewable energy credit, but such 1315 megawatt hour shall not equal less than one unit of credit. 1316 Renewable energy resources do not have to be converted to 1317 electricity in order to be eligible to receive renewable energy 1318 credits. The rules shall specify that, for purposes of 1319 converting the quantity of energy derived from biologically 1320 derived methane gas to an electricity equivalent, one megawatt 1321 hour equals 3,412,142 British thermal units. 1322

(2) The rules also shall provide for this state a system 1323 of registering renewable energy credits by specifying which of 1324 any generally available registries shall be used for that 1325 purpose and not by creating a registry. That selected system of 1326 registering renewable energy credits shall allow a hydroelectric 1327 generating facility to be eligible for obtaining renewable 1328 energy credits and shall allow customer-sited projects or 1329 actions the broadest opportunities to be eligible for obtaining 1330 renewable energy credits. 1331

(C) Beginning January 1, 2020, a qualifying renewable1332resource as defined in section 3706.40 of the Revised Code is1333not eligible to obtain a renewable energy credit under this1334section for any megawatt hour for which the resource has been1335issued a renewable energy credit under section 3706.45 of the1336Revised Code.1337

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Sec. 4928.66. (A) (1) (a) Beginning in 2009, an electric 1338 distribution utility shall implement energy efficiency programs 1339 that achieve energy savings equivalent to at least three-tenths 1340 of one per cent of the total, annual average, and normalized 1341 kilowatt-hour sales of the electric distribution utility during 1342 the preceding three calendar years to customers in this state. 1343 An energy efficiency program may include a combined heat and 1344 power system placed into service or retrofitted on or after the 1345 effective date of the amendment of this section by S.B. 315 of 1346 the 129th general assembly, September 10, 2012, or a waste 1347 energy recovery system placed into service or retrofitted on or 1348 after September 10, 2012, except that a waste energy recovery 1349 system described in division (A) (38) (b) of section 4928.01 of 1350 the Revised Code may be included only if it was placed into 1351 service between January 1, 2002, and December 31, 2004. For a 1352 waste energy recovery or combined heat and power system, the 1353 savings shall be as estimated by the public utilities 1354 commission. The savings requirement, using such a three-year 1355 average, shall increase to an additional five-tenths of one per 1356 cent in 2010, seven-tenths of one per cent in 2011, eight-tenths 1357 of one per cent in 2012, nine-tenths of one per cent in 2013, 1358 and one per cent in 2014. In 2015 and 2016, an electric 1359 distribution utility shall achieve energy savings equal to the 1360 result of subtracting the cumulative energy savings achieved 1361 since 2009 from the product of multiplying the baseline for 1362 energy savings, described in division (A) (2) (a) of this section, 1363 by four and two-tenths of one per cent. If the result is zero or 1364 less for the year for which the calculation is being made, the 1365 utility shall not be required to achieve additional energy 1366 savings for that year, but may achieve additional energy savings 1367 for that year. Thereafter, the The annual savings requirements 1368 shall be, for years 2017, 2018, 2019, and 2020, <u>an additional</u> 1369

one per cent of the baseline, and two per cent each year 1370 thereafter, achieving cumulative energy savings in excess of 1371 twenty-two per cent by the end of 2027. For purposes of a waste 1372 energy recovery or combined heat and power system, an electric 1373 distribution utility shall not apply more than the total annual 1374 percentage of the electric distribution utility's industrial-1375 customer load, relative to the electric distribution utility's 1376 1377

(b) Beginning in 2009, an electric distribution utility 1378 shall implement peak demand reduction programs designed to 1379 achieve a one per cent reduction in peak demand in 2009 and an 1380 additional seventy-five hundredths of one per cent reduction 1381 each year through 2014. In 2015 and 2016, an electric 1382 distribution utility shall achieve a reduction in peak demand 1383 equal to the result of subtracting the cumulative peak demand 1384 reductions achieved since 2009 from the product of multiplying 1385 the baseline for peak demand reduction, described in division 1386 (A) (2) (a) of this section, by four and seventy-five hundredths 1387 of one per cent. If the result is zero or less for the year for 1388 which the calculation is being made, the utility shall not be 1389 required to achieve an additional reduction in peak demand for 1390 that year, but may achieve an additional reduction in peak 1391 demand for that year. In 2017 and each year thereafter through 1392 2020, the utility shall achieve an additional seventy-five 1393 hundredths of one per cent reduction in peak demand. 1394

(2) For the purposes of divisions (A)(1)(a) and (b) of 1395 this section: 1396

(a) The baseline for energy savings under division (A)(1) 1397 (a) of this section shall be the average of the total kilowatt 1398 hours the electric distribution utility sold in the preceding 1399

total load, to the annual energy savings requirement.

three calendar years. The baseline for a peak demand reduction1400under division (A) (1) (b) of this section shall be the average1401peak demand on the utility in the preceding three calendar1402years, except that the commission may reduce either baseline to1403adjust for new economic growth in the utility's certified1404territory. Neither baseline shall include the load and usage of1405any of the following customers:1406

(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'sportfolio plan under section 4928.6611 of the Revised Code;1411

(iii) A customer that has opted out of the utility's 1412
portfolio plan under Section 8 of S.B. 310 of the 130th general 1413
assembly. 1414

(b) The commission may amend the benchmarks set forth in
1415
division (A) (1) (a) or (b) of this section if, after application
by the electric distribution utility, the commission determines
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that the amendment is necessary because the utility cannot
1418
reasonably achieve the benchmarks due to regulatory, economic,
1419
or technological reasons beyond its reasonable control.

(c) Compliance with divisions (A) (1) (a) and (b) of this 1421 section shall be measured by including the effects of all 1422 demand-response programs for mercantile customers of the subject 1423 electric distribution utility, all waste energy recovery systems 1424 and all combined heat and power systems, and all such mercantile 1425 customer-sited energy efficiency, including waste energy 1426 recovery and combined heat and power, and peak demand reduction 1427 programs, adjusted upward by the appropriate loss factors. Any 1428

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mechanism designed to recover the cost of energy efficiency,	1429
including waste energy recovery and combined heat and power, and	1430
peak demand reduction programs under divisions (A)(1)(a) and (b)	1431
of this section may exempt mercantile customers that commit	1432
their demand-response or other customer-sited capabilities,	1433
whether existing or new, for integration into the electric	1434
distribution utility's demand-response, energy efficiency,	1435
including waste energy recovery and combined heat and power, or	1436
peak demand reduction programs, if the commission determines	1437
that that exemption reasonably encourages such customers to	1438
commit those capabilities to those programs. If a mercantile	1439
customer makes such existing or new demand-response, energy	1440
efficiency, including waste energy recovery and combined heat	1441
and power, or peak demand reduction capability available to an	1442
electric distribution utility pursuant to division (A)(2)(c) of	1443
this section, the electric utility's baseline under division (A)	1444
(2)(a) of this section shall be adjusted to exclude the effects	1445
of all such demand-response, energy efficiency, including waste	1446
energy recovery and combined heat and power, or peak demand	1447
reduction programs that may have existed during the period used	1448
to establish the baseline. The baseline also shall be normalized	1449
for changes in numbers of customers, sales, weather, peak	1450
demand, and other appropriate factors so that the compliance	1451
measurement is not unduly influenced by factors outside the	1452
control of the electric distribution utility.	1453
(d)(i) Programs implemented by a utility may include the	1454
following:	1455
(I) Demand-response programs;	1456

(II) Smart grid investment programs, provided that suchprograms are demonstrated to be cost-beneficial;1458

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(III) Customer-sited programs, including waste energy	1459
recovery and combined heat and power systems;	1460
(IV) Transmission and distribution infrastructure	1461
improvements that reduce line losses;	1462
(V) Energy efficiency savings and peak demand reduction	1463
that are achieved, in whole or in part, as a result of funding	1464
provided from the universal service fund established by section	1465

4928.51 of the Revised Code to benefit low-income customers1466through programs that include, but are not limited to, energy1467audits, the installation of energy efficiency insulation,1468appliances, and windows, and other weatherization measures.1469

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

(iii) Division (A)(2)(c) of this section shall be applied 1473 to include facilitating efforts by a mercantile customer or 1474 group of those customers to offer customer-sited demand-1475 response, energy efficiency, including waste energy recovery and 1476 combined heat and power, or peak demand reduction capabilities 1477 to the electric distribution utility as part of a reasonable 1478 arrangement submitted to the commission pursuant to section 1479 4905.31 of the Revised Code. 1480

(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
1485
an annual report containing the results of its verification of
1486
the annual levels of energy efficiency and of peak demand
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reductions achieved by each electric distribution utility 1488 pursuant to division (A) of this section. A copy of the report 1489 shall be provided to the consumers' counsel. 1490

(C) If the commission determines, after notice and 1491 opportunity for hearing and based upon its report under division 1492 (B) of this section, that an electric distribution utility has 1493 failed to comply with an energy efficiency or peak demand 1494 reduction requirement of division (A) of this section, the 1495 commission shall assess a forfeiture on the utility as provided 1496 under sections 4905.55 to 4905.60 and 4905.64 of the Revised 1497 Code, either in the amount, per day per undercompliance or 1498 noncompliance, relative to the period of the report, equal to 1499 that prescribed for noncompliances under section 4905.54 of the 1500 Revised Code, or in an amount equal to the then existing market 1501 value of one renewable energy credit per megawatt hour of 1502 undercompliance or noncompliance. Revenue from any forfeiture 1503 assessed under this division shall be deposited to the credit of 1504 the advanced energy fund created under section 4928.61 of the 1505 Revised Code. 1506

(D) The commission may establish rules regarding the 1507 content of an application by an electric distribution utility 1508 for commission approval of a revenue decoupling mechanism under 1509 this division. Such an application shall not be considered an 1510 application to increase rates and may be included as part of a 1511 proposal to establish, continue, or expand energy efficiency or 1512 conservation programs. The commission by order may approve an 1513 application under this division if it determines both that the 1514 revenue decoupling mechanism provides for the recovery of 1515 revenue that otherwise may be forgone by the utility as a result 1516 of or in connection with the implementation by the electric 1517 distribution utility of any energy efficiency or energy 1518

conservation programs and reasonably aligns the interests of the	1519
utility and of its customers in favor of those programs.	1520
(E) The commission additionally shall adopt rules that	1521
require an electric distribution utility to provide a customer	1522
upon request with two years' consumption data in an accessible	1523
form.	1524
(F)(1) As used in divisions (F)(2), (3), and (4) of this	1525
section, "portfolio plan" has the same meaning as in division	1526
(C) (1) of section 4928.6610 of the Revised Code.	1520
(c)(i) of section 4928.0010 of the Revised code.	IJZ7
(2) If an electric distribution utility has a portfolio	1528
plan in effect as of the effective date of the amendments to	1529
this section by H.B. 6 of the 133rd general assembly and that	1530
plan expires before December 31, 2020, the commission shall	1531
extend the plan through that date. All portfolio plans shall	1532
terminate on that date.	1533
(3) If a portfolio plan is extended beyond its commission	1534
approved term by division (F)(2) of this section, the existing	1535
plan's budget shall be increased for the extended term to	1536
include an amount equal to the annual average of the approved	1537
budget for all years of the portfolio plan in effect as of the	1538
effective date of the amendments to this section by H.B. 6 of	1539
the 133rd general assembly.	1540
(4) All other terms and conditions of a portfolio plan	1541
extended beyond its commission-approved term by division (F)(2)	1542
of this section shall remain the same unless changes are	1543
authorized by the commission.	1544
(G)(1) Not later than February 1, 2021, the commission	1545
shall determine the cumulative energy savings collectively	1546
achieved, since 2009, by all electric distribution utilities in	1547

this state as of December 31, 2020. In determining that	1548
cumulative total, the commission shall do both of the following:	1549
(a) Include energy savings that were estimated by the	1550
commission to be achieved as of December 31, 2020, and banked	1551
under division (G) of section 4928.662 of the Revised Code;	1552
(b) Use an energy savings baseline that is the average of	1553
the total kilowatt hours sold by all electric distribution	1554
utilities in this state in the calendar years 2018, 2019, and	1555
2020. The baseline shall exclude the load and usage described in	1556
division (A)(2)(a)(i), (ii), and (iii) of this section. That	1557
baseline may also be reduced for new economic growth in the	1558
utility's certified territory as provided in division (A)(2)(a)	1559
of this section and adjusted and normalized as provided in	1560
division (A)(2)(c) of this section.	1561
(2) (a) If the cumulative energy savings collectively	1562
achieved as determined by the commission under division (G)(1)	1563
of this section is at least seventeen and one-half per cent of	1564
the baseline described in division (G)(1)(b) of this section,	1565
then full compliance with division (A)(1)(a) of this section	1566
shall be deemed to have been achieved notwithstanding any	1567
provision of this section to the contrary.	1568
(b) If the cumulative energy savings collectively achieved	1569
as determined by the commission under division (G)(1) of this	1570
section is less than seventeen and one-half per cent of the	1571
baseline described in division (G)(1)(b) of this section, then	1572
both of the following shall apply:	1573
(i) The commission shall determine the manner in which	1574
further implementation of energy efficiency programs shall occur	1575
as may be reasonably necessary for collective achievement of	1576

	1
cumulative energy savings equal to seventeen and one-half	1577
percent, and not more, of the baseline described in division (G)	1578
(1) (b) of this section.	1579
(ii) Full compliance with division (A)(1)(a) of this	1580
section shall be deemed to be achieved as of a date certain	1581
established by the commission notwithstanding any provision of	1582
this section to the contrary.	1583
(3) Upon the date that full compliance with division (A)	1584
(1) (a) of this section is deemed achieved under division (G)(2)	1585
(a) or (b) of this section, any electric distribution utility	1586
cost recovery mechanisms authorized by the commission for	1587
compliance with this section shall terminate except as may be	1588
necessary to reconcile the difference between revenue collected	1589
and the allowable cost of compliance associated with compliance	1590
efforts occurring prior to the date upon which full compliance	1591
with division (A)(1)(a) of this section is deemed achieved. No	1592
such cost recovery mechanism shall be authorized by the	1593
commission beyond the period of time required to complete this	1594
final reconciliation.	1595
Sec. 4928.6610. As used in sections 4928.6611 to 4928.6616	1596
4928.6615 of the Revised Code:	1597
(A) "Customer" means any either of the following:	1598
(1) Effective January 1, 2020, a mercantile customer as	1599
defined in section 4928.01 of the Revised Code;	1600
(2) Any customer of an electric distribution utility to	1601
which either of the following applies:	1602
which creater of the following appriod.	1002
(1) (a) The customer receives service above the primary	1603
voltage level as determined by the utility's tariff	1604
classification.	1605

(2) <u>(</u>b) The customer is a commercial or industrial	1606
customer to which both of the following apply:	1607
(a) (i) The customer receives electricity through a meter	1608
of an end user or through more than one meter at a single	1609
location in a quantity that exceeds forty-five million kilowatt	1610
hours of electricity for the preceding calendar year.	1611
(b) <u>(</u>ii) The customer has made a written request for	1612
registration as a self-assessing purchaser pursuant to section	1613
5727.81 of the Revised Code.	1614
	1 (1 5
(B) "Energy intensity" means the amount of energy, from	1615
electricity, used or consumed per unit of production.	1616
(C) "Portfolio plan" means <u>either of the following:</u>	1617
(1) The comprehensive energy efficiency and peak-demand	1618
reduction program portfolio plan required under rules adopted by	1619
the public utilities commission and codified in Chapter 4901:1-	1620
39 of the Administrative Code or hereafter recodified or	1621
amended <u>;</u>	1622
(2) Any plan implemented pursuant to division (G) of	1623
section 4928.66 of the Revised Code.	1624
Sec. 4928.75. Beginning in fiscal year 2021 and each	1625
fiscal year thereafter, the director of development services	1626
shall, in each fiscal year, submit a completed waiver request in	1627
accordance with section 96.83 of Title 45 of the Code of Federal	1628
Regulations to the United States department of health and human	1629
services and any other applicable federal agencies for the state	1630
to expend twenty-five per cent of federal low-income home energy	1631
assistance programs funds from the home energy assistance block	1632
grants for weatherization services allowed by section 96.83(a)	1633
of Title 45 of the Code of Federal Regulations to the United	1634

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States department of health and human services.	1635
Sec. 4928.80. (A) Each electric distribution utility shall_	1636
file with the public utilities commission a rate schedule	1637
applicable to county fairs and agricultural societies that	1638
includes either of the following:	1639
(1) A fixed monthly service fee;	1640
(2) An energy charge on a kilowatt-hour basis.	1641
(B) The minimum monthly charge shall not exceed the fixed	1642
monthly service fee and the customer shall not be subject to any	1643
demand-based riders.	1644
(C) The electric distribution utility shall be eligible to	1645
recover any revenue loss associated with customer migration to	1646
this new rate schedule.	1647
Sec. 5727.231. The taxable property of an electric company	1648
that is or is part of a qualifying nuclear resource receiving	1649
payments for nuclear resource credits under section 3706.55 of	1650
the Revised Code for any part of a tax year may not be assessed	1651
for that year under section 5727.23 of the Revised Code at less	1652
than the taxable value of such property as of the effective date	1653
of H.B. 6 of the 133rd general assembly. The electric company	1654
may not value such property at less than its taxable value as of	1655
that date in its annual report filed under section 5727.08 of	1656
the Revised Code or file a petition for reassessment seeking a	1657
reduction in taxable value below the taxable value of such	1658
property as of that date, and the tax commissioner may not grant	1659
such a reduction, under section 5727.47 of the Revised Code.	1660
Sec. 5727.75. (A) For purposes of this section:	1661
(1) "Qualified energy project" means an energy project	1662

certified by the director of development services pursuant to	1663
this section.	1664
(2) "Energy project" means a project to provide electric	1665
power through the construction, installation, and use of an	1666
energy facility.	1667
(3) "Alternative energy zone" means a county declared as	1668
such by the board of county commissioners under division (E)(1)	1669
(b) or (c) of this section.	1670
(4) "Full-time equivalent employee" means the total number	1671
of employee-hours for which compensation was paid to individuals	1672
employed at a qualified energy project for services performed at	1673
the project during the calendar year divided by two thousand	1674
eighty hours.	1675
(5) "Solar energy project" means an energy project	1676
composed of an energy facility using solar panels to generate	1677
electricity.	1678
(6) "Internet identifier of record" has the same meaning	1679

(6) "Internet identifier of record" has the same meaningas in section 9.312 of the Revised Code.1680

(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
1686
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	1692
energy project.	1693
(b) Construction or installation of the energy facility	1694
begins on or after January 1, 2009, and before January 1, 2021.	1695
For the purposes of this division, construction begins on the	1696
earlier of the date of application for a certificate or other	1697
approval or permit described in division (B)(1)(a) of this	1698
section, or the date the contract for the construction or	1699
installation of the energy facility is entered into.	1700
(c) For a qualified energy project with a nameplate	1701
capacity of five twenty mercawatts or greater a board of county	1702

capacity of five twenty megawatts or greater, a board of county 1702 commissioners of a county in which property of the project is 1703 located has adopted a resolution under division (E)(1)(b) or (c) 1704 of this section to approve the application submitted under 1705 division (E) of this section to exempt the property located in 1706 that county from taxation. A board's adoption of a resolution 1707 rejecting an application or its failure to adopt a resolution 1708 approving the application does not affect the tax-exempt status 1709 of the qualified energy project's property that is located in 1710 another county. 1711

(2) If tangible personal property of a qualified energy 1712 project using renewable energy resources was exempt from 1713 taxation under this section beginning in any of tax years 2011 1714 through 2021, and the certification under division (E)(2) of 1715 this section has not been revoked, the tangible personal 1716 property of the qualified energy project is exempt from taxation 1717 for tax year 2022 and all ensuing tax years if the property was 1718 placed into service before January 1, 2022, as certified in the 1719 construction progress report required under division (F)(2) of 1720 this section. Tangible personal property that has not been 1721

Page 60

placed into service before that date is taxable property subject 1722 to taxation. An energy project for which certification has been 1723 revoked is ineligible for further exemption under this section. 1724 Revocation does not affect the tax-exempt status of the 1725 project's tangible personal property for the tax year in which 1726 revocation occurs or any prior tax year. 1727 (C) Tangible personal property of a qualified energy 1728 project using clean coal technology, advanced nuclear 1729 technology, or cogeneration technology is exempt from taxation 1730 for the first tax year that the property would be listed for 1731 taxation and all subsequent years if all of the following 1732 circumstances are met: 1733 (1) The property was placed into service before January 1, 1734 2021. Tangible personal property that has not been placed into 1735 service before that date is taxable property subject to 1736 taxation. 1737 (2) For such a qualified energy project with a nameplate 1738 capacity of five twenty megawatts or greater, a board of county 1739 commissioners of a county in which property of the qualified 1740 energy project is located has adopted a resolution under 1741 division (E)(1)(b) or (c) of this section to approve the 1742 application submitted under division (E) of this section to 1743 exempt the property located in that county from taxation. A 1744 board's adoption of a resolution rejecting the application or 1745 its failure to adopt a resolution approving the application does 1746 not affect the tax-exempt status of the qualified energy 1747 project's property that is located in another county. 1748

(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
1751

revoked is ineligible for exemption under this section.	
	1752
Revocation does not affect the tax-exempt status of the	1753
project's tangible personal property for the tax year in which	1754
revocation occurs or any prior tax year.	1755
(D) Except as otherwise provided in this section, real	1756
property of a qualified energy project is exempt from taxation	1757
for any tax year for which the tangible personal property of the	1758
qualified energy project is exempted under this section.	1759
(E)(1)(a) A person may apply to the director of	1760
development services for certification of an energy project as a	1761
qualified energy project on or before the following dates:	1762
(i) December 31, 2020, for an energy project using	1763
renewable energy resources;	1764
(ii) December 31, 2017, for an energy project using clean	1765
coal technology, advanced nuclear technology, or cogeneration	1766
technology.	1767
(b) The director shall forward a copy of each application	1767 1768
(b) The director shall forward a copy of each application	1768
(b) The director shall forward a copy of each application for certification of an energy project with a nameplate capacity	1768 1769
(b) The director shall forward a copy of each application for certification of an energy project with a nameplate capacity of <u>five twenty megawatts</u> or greater to the board of county	1768 1769 1770
(b) The director shall forward a copy of each application for certification of an energy project with a nameplate capacity of <u>five_twenty</u> megawatts or greater to the board of county commissioners of each county in which the project is located and	1768 1769 1770 1771
(b) The director shall forward a copy of each application for certification of an energy project with a nameplate capacity of <u>five-twenty</u> 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	1768 1769 1770 1771 1772
(b) The director shall forward a copy of each application for certification of an energy project with a nameplate capacity of <u>five-twenty</u> 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	1768 1769 1770 1771 1772 1773
(b) The director shall forward a copy of each application for certification of an energy project with a nameplate capacity of <u>five_twenty</u> 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	1768 1769 1770 1771 1772 1773 1774
(b) The director shall forward a copy of each application for certification of an energy project with a nameplate capacity of <u>five-twenty</u> 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	1768 1769 1770 1771 1772 1773 1774 1775
(b) The director shall forward a copy of each application for certification of an energy project with a nameplate capacity of <u>five-twenty</u> 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	1768 1769 1770 1771 1772 1773 1774 1775 1776
(b) The director shall forward a copy of each application for certification of an energy project with a nameplate capacity of <u>five-twenty</u> 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	1768 1769 1770 1771 1772 1773 1774 1775 1776 1777

resolution and the service payment required under division (G) 1781 of this section shall not exceed nine thousand dollars per 1782 megawatt of nameplate capacity located in the county. The 1783 resolution shall specify the time and manner in which the 1784 payments required by the resolution shall be paid to the county 1785 treasurer. The county treasurer shall deposit the payment to the 1786 credit of the county's general fund to be used for any purpose 1787 for which money credited to that fund may be used. 1788

The board shall send copies of the resolution to the owner 1789 of the facility and the director by certified mail or, if the 1790 board has record of an internet identifier of record associated 1791 with the owner or director, by ordinary mail and by that 1792 internet identifier of record. The board shall send such notice 1793 within thirty days after receipt of the application, or a longer 1794 period of time if authorized by the director. 1795

(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 an1802energy project with a nameplate capacity of five-twenty1803megawatts or greater is taxable if it is located in a county in1804which the board of county commissioners adopted a resolution1805rejecting the application submitted under this division or1806failed to adopt a resolution approving the application under1807division (E) (1) (b) or (c) of this section.1808

(2) The director shall certify an energy project if all of 1809the following circumstances exist: 1810

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(a) The application was timely submitted.

1811

(b) For an energy project with a nameplate capacity of1812five_twenty_megawatts or greater, a board of county1813commissioners of at least one county in which the project is1814located has adopted a resolution approving the application under1815division (E)(1)(b) or (c) of this section.1816

(c) No portion of the project's facility was used to1817supply electricity before December 31, 2009.1818

(3) The director shall deny a certification application if 1819 the director determines the person has failed to comply with any 1820 requirement under this section. The director may revoke a 1821 1822 certification if the director determines the person, or subsequent owner or lessee pursuant to a sale and leaseback 1823 1824 transaction of the qualified energy project, has failed to comply with any requirement under this section. Upon 1825 certification or revocation, the director shall notify the 1826 person, owner, or lessee, the tax commissioner, and the county 1827 auditor of a county in which the project is located of the 1828 certification or revocation. Notice shall be provided in a 1829 manner convenient to the director. 1830

(F) The owner or a lessee pursuant to a sale and leasebacktransaction of a qualified energy project shall do each of the1832following:

(1) Comply with all applicable regulations; 1834

(2) File with the director of development services a
(2) File with the director of development services a
(2) File with the director of development services a
(2) File with the director of development services a
(2) File with the director of development services a
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(2) File with the director of development services a
(2) File with the director of development services a
(2) File with the director of development services a
(2) File with the director of development services a
(3) File with the director progress report before the first day of
(3) March of each year during the energy facility's construction or
(3) Issue that the project service of the project completed,
(4) Alage the project's nameplate capacity, as of the preceding
(4) Alage the project service of the project

thirty-first day of December. Unless otherwise instructed by the 1840 director of development services, the owner or lessee of an 1841 energy project shall file a report with the director on or 1842 before the first day of March each year after completion of the 1843 energy facility's construction or installation indicating the 1844 project's nameplate capacity as of the preceding thirty-first 1845 day of December. Not later than sixty days after June 17, 2010, 1846 the owner or lessee of an energy project, the construction of 1847 which was completed before June 17, 2010, shall file a 1848 certificate indicating the project's nameplate capacity. 1849

(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 fulltime equivalent employees domiciled in Ohio, who are employed in
1853
the construction or installation of the energy facility;

(4) For energy projects with a nameplate capacity of five-1855 twenty megawatts or greater, repair all roads, bridges, and 1856 culverts affected by construction as reasonably required to 1857 restore them to their preconstruction condition, as determined 1858 by the county engineer in consultation with the local 1859 jurisdiction responsible for the roads, bridges, and culverts. 1860 In the event that the county engineer deems any road, bridge, or 1861 culvert to be inadequate to support the construction or 1862 decommissioning of the energy facility, the road, bridge, or 1863 culvert shall be rebuilt or reinforced to the specifications 1864 established by the county engineer prior to the construction or 1865 decommissioning of the facility. The owner or lessee of the 1866 facility shall post a bond in an amount established by the 1867 county engineer and to be held by the board of county 1868 commissioners to ensure funding for repairs of roads, bridges, 1869 and culverts affected during the construction. The bond shall be 1870

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released by the board not later than one year after the date the 1871 repairs are completed. The energy facility owner or lessee 1872 pursuant to a sale and leaseback transaction shall post a bond, 1873 as may be required by the Ohio power siting board in the 1874 certificate authorizing commencement of construction issued 1875 pursuant to section 4906.10 of the Revised Code, to ensure 1876 funding for repairs to roads, bridges, and culverts resulting 1877 from decommissioning of the facility. The energy facility owner 1878 or lessee and the county engineer may enter into an agreement 1879 regarding specific transportation plans, reinforcements, 1880 modifications, use and repair of roads, financial security to be 1881 provided, and any other relevant issue. 1882

(5) Provide or facilitate training for fire and emergency 1883 responders for response to emergency situations related to the 1884 energy project and, for energy projects with a nameplate 1885 capacity of <u>five_twenty megawatts</u> or greater, at the person's 1886 expense, equip the fire and emergency responders with proper 1887 equipment as reasonably required to enable them to respond to 1888 such emergency situations; 1889

(6) Maintain a ratio of Ohio-domiciled full-time 1890 equivalent employees employed in the construction or 1891 installation of the energy project to total full-time equivalent 1892 employees employed in the construction or installation of the 1893 energy project of not less than eighty per cent in the case of a 1894 solar energy project, and not less than fifty per cent in the 1895 case of any other energy project. In the case of an energy 1896 project for which certification from the power siting board is 1897 required under section 4906.20 of the Revised Code, the number 1898 of full-time equivalent employees employed in the construction 1899 or installation of the energy project equals the number actually 1900 employed or the number projected to be employed in the 1901

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certificate application, if such projection is required under 1902 regulations adopted pursuant to section 4906.03 of the Revised 1903 Code, whichever is greater. For all other energy projects, the 1904 number of full-time equivalent employees employed in the 1905 construction or installation of the energy project equals the 1906 number actually employed or the number projected to be employed 1907 by the director of development services, whichever is greater. 1908 To estimate the number of employees to be employed in the 1909 construction or installation of an energy project, the director 1910 shall use a generally accepted job-estimating model in use for 1911 renewable energy projects, including but not limited to the job 1912 and economic development impact model. The director may adjust 1913 an estimate produced by a model to account for variables not 1914 accounted for by the model. 1915

(7) For energy projects with a nameplate capacity in 1916 excess of two-twenty megawatts, establish a relationship with a 1917 member of the university system of Ohio as defined in section 1918 3345.011 of the Revised Code or with a person offering an 1919 apprenticeship program registered with the employment and 1920 training administration within the United States department of 1921 1922 labor or with the apprenticeship council created by section 4139.02 of the Revised Code, to educate and train individuals 1923 for careers in the wind or solar energy industry. The 1924 relationship may include endowments, cooperative programs, 1925 internships, apprenticeships, research and development projects, 1926 and curriculum development. 1927

(8) Offer to sell power or renewable energy credits from
1928
the energy project to electric distribution utilities or
electric service companies subject to renewable energy resource
1930
requirements under section 4928.64 of the Revised Code that have
1931
issued requests for proposal for such power or renewable energy
1932

credits. If no electric distribution utility or electric service1933company issues a request for proposal on or before December 31,19342010, or accepts an offer for power or renewable energy credits1935within forty-five days after the offer is submitted, power or1936renewable energy credits from the energy project may be sold to1937other persons. Division (F) (8) of this section does not apply1938if:1939

(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 1947
renewable energy credits from the energy project before June 17, 1948
2010. 1949

(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
1952
this section.

(G) The owner or a lessee pursuant to a sale and leaseback 1954 transaction of a qualified energy project shall make annual 1955 service payments in lieu of taxes to the county treasurer on or 1956 before the final dates for payments of taxes on public utility 1957 personal property on the real and public utility personal 1958 property tax list for each tax year for which property of the 1959 energy project is exempt from taxation under this section. The 1960 county treasurer shall allocate the payment on the basis of the 1961

project's physical location. Upon receipt of a payment, or if1962timely payment has not been received, the county treasurer shall1963certify such receipt or non-receipt to the director of1964development services and tax commissioner in a form determined1965by the director and commissioner, respectively. Each payment1966shall be in the following amount:1967

(1) In the case of a solar energy project, seven thousand 1968 dollars per megawatt of nameplate capacity located in the county 1969 as of December 31, 2010, for tax year 2011, as of December 31, 1970 2011, for tax year 2012, as of December 31, 2012, for tax year 1971 2013, as of December 31, 2013, for tax year 2014, as of December 1972 31, 2014, for tax year 2015, as of December 31, 2015, for tax 1973 year 2016, and as of December 31, 2016, for tax year 2017 and 1974 each tax year thereafter; 1975

(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
1979
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;

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1976

1977

(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 coal1999technology, advanced nuclear technology, or cogeneration2000technology, the following:2001

(a) If the project maintains during the construction or
2002
installation of the energy facility a ratio of Ohio-domiciled
2003
full-time equivalent employees to total full-time equivalent
2004
employees of not less than seventy-five per cent, six thousand
2005
dollars per megawatt of nameplate capacity located in the county
2006
as of the thirty-first day of December of the preceding tax
2007
year;

(b) If the project maintains during the construction or 2009 installation of the energy facility a ratio of Ohio-domiciled 2010 full-time equivalent employees to total full-time equivalent 2011 employees of less than seventy-five per cent but not less than 2012 sixty per cent, seven thousand dollars per megawatt of nameplate 2013 capacity located in the county as of the thirty-first day of 2014 December of the preceding tax year; 2015

(c) If the project maintains during the construction or 2016 installation of the energy facility a ratio of Ohio-domiciled 2017 full-time equivalent employees to total full-time equivalent 2018 employees of less than sixty per cent but not less than fifty 2019 per cent, eight thousand dollars per megawatt of nameplate 2020 capacity located in the county as of the thirty-first day of 2021

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December of the preceding tax year.	2022
(H) The director of development services in consultation	2023
with the tax commissioner shall adopt rules pursuant to Chapter	2024
119. of the Revised Code to implement and enforce this section.	2025
Section 2. That existing sections 303.213, 519.213,	2026
713.081, 4906.13, 4928.01, 4928.64, 4928.641, 4928.644,	2027
4928.645, 4928.66, 4928.6610, and 5727.75 of the Revised Code	2028
are hereby repealed.	2029
Section 3. That section 4928.6616 of the Revised Code is	2030
hereby repealed.	2031
Section 4. The amendment by this act of section 5727.75 of	2032
the Revised Code applies to both of the following:	2033
(A) Energy projects certified by the Director of	2034
Development Services on or after the effective date of this	2035
section;	2036
(B) Existing qualified energy projects that, on the	2037
effective date of this section, have a nameplate capacity of	2038
fewer than five megawatts.	2039
Section 5. HEAP WEATHERIZATION	2040
Pursuant to section 4928.75 of the Revised Code, twenty-	2041
five per cent of the federal funds deposited to the credit of	2042
the Home Energy Assistance Block Grant Fund (Fund 3K90) may be	2043
expended from appropriation item 195614, HEAP Weatherization, to	2044
provide home weatherization services in the state as determined	2045
by the Director of Development Services.	2046