

**ELECTRIC VEHICLE CHARGING INFRASTRUCTURE**

**AMENDMENTS**

2020 GENERAL SESSION

STATE OF UTAH

**Chief Sponsor: V. Lowry Snow**

Senate Sponsor: Lincoln Fillmore

Cosponsors:	Steve R. Christiansen	Keven J. Stratton
Patrice M. Arent	Stephen G. Handy	
Stewart E. Barlow	Suzanne Harrison	
Joel K. Briscoe	Val K. Potter	

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**LONG TITLE**

**General Description:**

This bill modifies public utilities provisions relating to electric vehicle battery charging infrastructure and service.

**Highlighted Provisions:**

This bill:

- modifies the definitions of "electrical corporation" and "public utility" for purposes of public utility code provisions and expands the description of entities excluded from those definitions because they are entities that sell electric vehicle battery charging service;
- enacts definitions relating to electric vehicle battery charging station infrastructure and services;
- requires the Public Service Commission to authorize a large-scale electric utility's vehicle charging infrastructure program that allows for a \$50,000,000 investment, and provides for amendments to that program; and
- provides for a large-scale electric utility to recover the utility's investment in vehicle charging infrastructure.

**Money Appropriated in this Bill:**

None

**Other Special Clauses:**

None

**Utah Code Sections Affected:**

AMENDS:

**54-2-1**, as last amended by Laws of Utah 2019, Chapter 460

ENACTS:

**54-4-41**, Utah Code Annotated 1953

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*Be it enacted by the Legislature of the state of Utah:*Section 1. Section **54-2-1** is amended to read:**54-2-1. Definitions.**

As used in this title:

(1) "Avoided costs" means the incremental costs to an electrical corporation of electric energy or capacity or both that, due to the purchase of electric energy or capacity or both from small power production or cogeneration facilities, the electrical corporation would not have to generate itself or purchase from another electrical corporation.

(2) "Clean coal technology" means a technology that may be researched, developed, or used for reducing emissions or the rate of emissions from a thermal electric generation plant that uses coal as a fuel source.

(3) "Cogeneration facility":

(a) means a facility that produces:

(i) electric energy; and

(ii) steam or forms of useful energy, including heat, that are used for industrial, commercial, heating, or cooling purposes; and

(b) is a qualifying cogeneration facility under federal law.

(4) "Commission" means the Public Service Commission.

57 (5) "Commissioner" means a member of the commission.

58 (6) (a) "Corporation" includes an association and a joint stock company having any  
59 powers or privileges not possessed by individuals or partnerships.

60 (b) "Corporation" does not include towns, cities, counties, conservancy districts,  
61 improvement districts, or other governmental units created or organized under any general or  
62 special law of this state.

63 (7) "Distribution electrical cooperative" includes an electrical corporation that:

64 (a) is a cooperative;

65 (b) conducts a business that includes the retail distribution of electricity the cooperative  
66 purchases or generates for the cooperative's members; and

67 (c) is required to allocate or distribute savings in excess of additions to reserves and  
68 surplus on the basis of patronage to the cooperative's:

69 (i) members; or

70 (ii) patrons.

71 (8) (a) "Electrical corporation" includes every corporation, cooperative association, and  
72 person, their lessees, trustees, and receivers, owning, controlling, operating, or managing any  
73 electric plant, or in any way furnishing electric power for public service or to its consumers or  
74 members for domestic, commercial, or industrial use, within this state.

75 (b) "Electrical corporation" does not include:

76 (i) an independent energy producer;

77 (ii) where electricity is generated on or distributed by the producer solely for the  
78 producer's own use, or the use of the producer's tenants, or the use of members of an  
79 association of unit owners formed under Title 57, Chapter 8, Condominium Ownership Act,  
80 and not for sale to the public generally;

81 (iii) an eligible customer who provides electricity for the eligible customer's own use or  
82 the use of the eligible customer's tenant or affiliate; or

83 (iv) a nonutility energy supplier who sells or provides electricity to:

84 (A) an eligible customer who has transferred the eligible customer's service to the

nonutility energy supplier in accordance with Section 54-3-32; or

(B) the eligible customer's tenant or affiliate.

(c) "Electrical corporation" does not include an entity that sells electric vehicle battery charging services[;];

(i) if the entity obtains the electricity for the electric vehicle battery charging service, including any electricity from an electricity storage device:

(A) from an electrical corporation in whose service area the electric vehicle battery charging service is located; and

(B) under an established tariff for rates, charges, and conditions of service; and

(ii) unless the entity conducts another activity in the state that subjects the entity to the jurisdiction and regulation of the commission as an electrical corporation.

(9) "Electric plant" includes all real estate, fixtures, and personal property owned, controlled, operated, or managed in connection with or to facilitate the production, generation, transmission, delivery, or furnishing of electricity for light, heat, or power, and all conduits, ducts, or other devices, materials, apparatus, or property for containing, holding, or carrying conductors used or to be used for the transmission of electricity for light, heat, or power.

(10) "Eligible customer" means a person who:

(a) on December 31, 2013:

(i) was a customer of a public utility that, on December 31, 2013, had more than 200,000 retail customers in this state; and

(ii) owned an electric plant that is an electric generation plant that, on December 31, 2013, had a generation name plate capacity of greater than 150 megawatts; and

(b) produces electricity:

(i) from a qualifying power production facility for sale to a public utility in this state;

(ii) primarily for the eligible customer's own use; or

(iii) for the use of the eligible customer's tenant or affiliate.

(11) "Eligible customer's tenant or affiliate" means one or more tenants or affiliates:

(a) of an eligible customer; and

(b) who are primarily engaged in an activity:

(i) related to the eligible customer's core mining or industrial businesses; and

(ii) performed on real property that is:

(A) within a 25-mile radius of the electric plant described in Subsection (10)(a)(ii); and

(B) owned by, controlled by, or under common control with, the eligible customer.

(12) "Gas corporation" includes every corporation and person, their lessees, trustees, and receivers, owning, controlling, operating, or managing any gas plant for public service within this state or for the selling or furnishing of natural gas to any consumer or consumers within the state for domestic, commercial, or industrial use, except in the situation that:

(a) gas is made or produced on, and distributed by the maker or producer through, private property:

(i) solely for the maker's or producer's own use or the use of the maker's or producer's tenants; and

(ii) not for sale to others;

(b) gas is compressed on private property solely for the owner's own use or the use of the owner's employees as a motor vehicle fuel; or

(c) gas is compressed by a retailer of motor vehicle fuel on the retailer's property solely for sale as a motor vehicle fuel.

(13) "Gas plant" includes all real estate, fixtures, and personal property owned, controlled, operated, or managed in connection with or to facilitate the production, generation, transmission, delivery, or furnishing of gas, natural or manufactured, for light, heat, or power.

(14) "Heat corporation" includes every corporation and person, their lessees, trustees, and receivers, owning, controlling, operating, or managing any heating plant for public service within this state.

(15) (a) "Heating plant" includes all real estate, fixtures, machinery, appliances, and personal property controlled, operated, or managed in connection with or to facilitate the production, generation, transmission, delivery, or furnishing of artificial heat.

(b) "Heating plant" does not include either small power production facilities or

141 cogeneration facilities.

142 (16) "Independent energy producer" means every electrical corporation, person,  
143 corporation, or government entity, their lessees, trustees, or receivers, that own, operate,  
144 control, or manage an independent power production or cogeneration facility.

145 (17) "Independent power production facility" means a facility that:

146 (a) produces electric energy solely by the use, as a primary energy source, of biomass,  
147 waste, a renewable resource, a geothermal resource, or any combination of the preceding  
148 sources; or

149 (b) is a qualifying power production facility.

150 (18) "Large-scale electric utility" means a public utility that provides retail electric  
151 service to more than 200,000 retail customers in the state.

152 (19) "Large-scale natural gas utility" means a public utility that provides retail natural  
153 gas service to more than 200,000 retail customers in the state.

154 (20) "Nonutility energy supplier" means a person that:

155 (a) has received market-based rate authority from the Federal Energy Regulatory  
156 Commission in accordance with 16 U.S.C. Sec. 824d, 18 C.F.R. Part 35, Filing of Rate  
157 Schedules and Tariffs, or applicable Federal Energy Regulatory Commission orders; or

158 (b) owns, leases, operates, or manages an electric plant that is an electric generation  
159 plant that:

160 (i) has a capacity of greater than 100 megawatts; and

161 (ii) is hosted on the site of an eligible customer that consumes the output of the electric  
162 plant, in whole or in part, for the eligible customer's own use or the use of the eligible  
163 customer's tenant or affiliate.

164 (21) "Private telecommunications system" includes all facilities for the transmission of  
165 signs, signals, writing, images, sounds, messages, data, or other information of any nature by  
166 wire, radio, lightwaves, or other electromagnetic means, excluding mobile radio facilities, that  
167 are owned, controlled, operated, or managed by a corporation or person, including their lessees,  
168 trustees, receivers, or trustees appointed by any court, for the use of that corporation or person

and not for the shared use with or resale to any other corporation or person on a regular basis.

(22) (a) "Public utility" includes every railroad corporation, gas corporation, electrical corporation, distribution electrical cooperative, wholesale electrical cooperative, telephone corporation, telegraph corporation, water corporation, sewerage corporation, heat corporation, and independent energy producer not described in Section 54-2-201 where the service is performed for, or the commodity delivered to, the public generally, or in the case of a gas corporation or electrical corporation where the gas or electricity is sold or furnished to any member or consumers within the state for domestic, commercial, or industrial use.

(b) (i) If any railroad corporation, gas corporation, electrical corporation, telephone corporation, telegraph corporation, water corporation, sewerage corporation, heat corporation, or independent energy producer not described in Section 54-2-201, performs a service for or delivers a commodity to the public, it is considered to be a public utility, subject to the jurisdiction and regulation of the commission and this title.

(ii) If a gas corporation, independent energy producer not described in Section 54-2-201, or electrical corporation sells or furnishes gas or electricity to any member or consumers within the state, for domestic, commercial, or industrial use, for which any compensation or payment is received, it is considered to be a public utility, subject to the jurisdiction and regulation of the commission and this title.

(c) Any corporation or person not engaged in business exclusively as a public utility as defined in this section is governed by this title in respect only to the public utility owned, controlled, operated, or managed by the corporation or person, and not in respect to any other business or pursuit.

(d) Any person or corporation defined as an electrical corporation or public utility under this section may continue to serve its existing customers subject to any order or future determination of the commission in reference to the right to serve those customers.

(e) (i) "Public utility" does not include any person that is otherwise considered a public utility under this Subsection (22) solely because of that person's ownership of an interest in an electric plant, cogeneration facility, or small power production facility in this state if all of the

following conditions are met:

(A) the ownership interest in the electric plant, cogeneration facility, or small power production facility is leased to:

(I) a public utility, and that lease has been approved by the commission;

(II) a person or government entity that is exempt from commission regulation as a public utility; or

(III) a combination of Subsections (22)(e)(i)(A)(I) and (II);

(B) the lessor of the ownership interest identified in Subsection (22)(e)(i)(A) is:

(I) primarily engaged in a business other than the business of a public utility; or

(II) a person whose total equity or beneficial ownership is held directly or indirectly by another person engaged in a business other than the business of a public utility; and

(C) the rent reserved under the lease does not include any amount based on or determined by revenues or income of the lessee.

(ii) Any person that is exempt from classification as a public utility under Subsection (22)(e)(i) shall continue to be so exempt from classification following termination of the lessee's right to possession or use of the electric plant for so long as the former lessor does not operate the electric plant or sell electricity from the electric plant. If the former lessor operates the electric plant or sells electricity, the former lessor shall continue to be so exempt for a period of 90 days following termination, or for a longer period that is ordered by the commission. This period may not exceed one year. A change in rates that would otherwise require commission approval may not be effective during the 90-day or extended period without commission approval.

(f) "Public utility" does not include any person that provides financing for, but has no ownership interest in an electric plant, small power production facility, or cogeneration facility. In the event of a foreclosure in which an ownership interest in an electric plant, small power production facility, or cogeneration facility is transferred to a third-party financier of an electric plant, small power production facility, or cogeneration facility, then that third-party financier is exempt from classification as a public utility for 90 days following the foreclosure, or for a

longer period that is ordered by the commission. This period may not exceed one year.

(g) (i) The distribution or transportation of natural gas for use as a motor vehicle fuel does not cause the distributor or transporter to be a "public utility," unless the commission, after notice and a public hearing, determines by rule that it is in the public interest to regulate the distributors or transporters, but the retail sale alone of compressed natural gas as a motor vehicle fuel may not cause the seller to be a "public utility."

(ii) In determining whether it is in the public interest to regulate the distributors or transporters, the commission shall consider, among other things, the impact of the regulation on the availability and price of natural gas for use as a motor fuel.

(h) "Public utility" does not include:

(i) an eligible customer who provides electricity for the eligible customer's own use or the use of the eligible customer's tenant or affiliate; or

(ii) a nonutility energy supplier that sells or provides electricity to:

(A) an eligible customer who has transferred the eligible customer's service to the nonutility energy supplier in accordance with Section 54-3-32; or

(B) the eligible customer's tenant or affiliate.

(i) "Public utility" does not include an entity that sells electric vehicle battery charging services[;]:

(i) if the entity obtains the electricity for the electric vehicle battery charging service, including any electricity from an electricity storage device:

(A) from a large-scale electric utility or an electrical corporation in whose service area the electric vehicle battery charging service is located; and

(B) under an established tariff for rates, charges, and conditions of service; and

(ii) unless the entity conducts another activity in the state that subjects the entity to the jurisdiction and regulation of the commission as a public utility.

(j) "Public utility" does not include an independent energy producer that is not subject to regulation by the commission as a public utility under Section 54-2-201.

(23) "Purchasing utility" means any electrical corporation that is required to purchase

electricity from small power production or cogeneration facilities pursuant to the Public Utility Regulatory Policies Act, 16 U.S.C. Sec. 824a-3.

(24) "Qualifying power producer" means a corporation, cooperative association, or person, or the lessee, trustee, and receiver of the corporation, cooperative association, or person, who owns, controls, operates, or manages any qualifying power production facility or cogeneration facility.

(25) "Qualifying power production facility" means a facility that:

(a) produces electrical energy solely by the use, as a primary energy source, of biomass, waste, a renewable resource, a geothermal resource, or any combination of the preceding sources;

(b) has a power production capacity that, together with any other facilities located at the same site, is no greater than 80 megawatts; and

(c) is a qualifying small power production facility under federal law.

(26) "Railroad" includes every commercial, interurban, and other railway, other than a street railway, and each branch or extension of a railway, by any power operated, together with all tracks, bridges, trestles, rights-of-way, subways, tunnels, stations, depots, union depots, yards, grounds, terminals, terminal facilities, structures, and equipment, and all other real estate, fixtures, and personal property of every kind used in connection with a railway owned, controlled, operated, or managed for public service in the transportation of persons or property.

(27) "Railroad corporation" includes every corporation and person, their lessees, trustees, and receivers, owning, controlling, operating, or managing any railroad for public service within this state.

(28) (a) "Sewerage corporation" includes every corporation and person, their lessees, trustees, and receivers, owning, controlling, operating, or managing any sewerage system for public service within this state.

(b) "Sewerage corporation" does not include private sewerage companies engaged in disposing of sewage only for their stockholders, or towns, cities, counties, conservancy districts, improvement districts, or other governmental units created or organized under any

281 general or special law of this state.

282 (29) "Telegraph corporation" includes every corporation and person, their lessees,  
283 trustees, and receivers, owning, controlling, operating, or managing any telegraph line for  
284 public service within this state.

285 (30) "Telegraph line" includes all conduits, ducts, poles, wires, cables, instruments, and  
286 appliances, and all other real estate, fixtures, and personal property owned, controlled,  
287 operated, or managed in connection with or to facilitate communication by telegraph, whether  
288 that communication be had with or without the use of transmission wires.

289 (31) "Telephone cooperative" means a telephone corporation that:

290 (a) is a cooperative; and

291 (b) is organized for the purpose of providing telecommunications service to the  
292 telephone corporation's members and the public at cost plus a reasonable rate of return.

293 (32) (a) "Telephone corporation" means any corporation or person, and their lessees,  
294 trustee, receivers, or trustees appointed by any court, who owns, controls, operates, manages, or  
295 resells a public telecommunications service as defined in Section [54-8b-2](#).

296 (b) "Telephone corporation" does not mean a corporation, partnership, or firm  
297 providing:

298 (i) intrastate telephone service offered by a provider of cellular, personal  
299 communication systems (PCS), or other commercial mobile radio service as defined in 47  
300 U.S.C. Sec. 332 that has been issued a covering license by the Federal Communications  
301 Commission;

302 (ii) Internet service; or

303 (iii) resold intrastate toll service.

304 (33) "Telephone line" includes all conduits, ducts, poles, wires, cables, instruments,  
305 and appliances, and all other real estate, fixtures, and personal property owned, controlled,  
306 operated, or managed in connection with or to facilitate communication by telephone whether  
307 that communication is had with or without the use of transmission wires.

308 (34) "Transportation of persons" includes every service in connection with or

incidental to the safety, comfort, or convenience of the person transported, and the receipt, carriage, and delivery of that person and that person's baggage.

(35) "Transportation of property" includes every service in connection with or incidental to the transportation of property, including in particular its receipt, delivery, elevation, transfer, switching, carriage, ventilation, refrigeration, icing, dunnage, storage, and hauling, and the transmission of credit by express companies.

(36) "Utility-owned vehicle charging infrastructure" means all facilities, equipment, and electrical systems owned and installed by a large-scale electric utility:

(a) on the customer's side or the large-scale electric utility's side of the electricity metering equipment; and

(b) to facilitate utility vehicle charging service or other electric vehicle battery charging service.

(37) "Utility vehicle charging service" means the furnishing of electricity:

(a) to an electric vehicle battery charging station:

(b) by a public utility in whose service area the charging station is located; and

(c) pursuant to a duly established tariff for rates, charges, and conditions of service for the electricity.

~~[(36)]~~ (38) "Water corporation" includes every corporation and person, their lessees, trustees, and receivers, owning, controlling, operating, or managing any water system for public service within this state. It does not include private irrigation companies engaged in distributing water only to their stockholders, or towns, cities, counties, water conservancy districts, improvement districts, or other governmental units created or organized under any general or special law of this state.

~~[(37)]~~ (39) (a) "Water system" includes all reservoirs, tunnels, shafts, dams, dikes, headgates, pipes, flumes, canals, structures, and appliances, and all other real estate, fixtures, and personal property owned, controlled, operated, or managed in connection with or to facilitate the diversion, development, storage, supply, distribution, sale, furnishing, carriage, appointment, apportionment, or measurement of water for power, fire protection, irrigation,

reclamation, or manufacturing, or for municipal, domestic, or other beneficial use.

(b) "Water system" does not include private irrigation companies engaged in distributing water only to their stockholders.

~~[(38)]~~ (40) "Wholesale electrical cooperative" includes every electrical corporation that is:

(a) in the business of the wholesale distribution of electricity it has purchased or generated to its members and the public; and

(b) required to distribute or allocate savings in excess of additions to reserves and surplus to members or patrons on the basis of patronage.

Section 2. Section **54-4-41** is enacted to read:

**54-4-41. Recovery of investment in utility-owned vehicle charging infrastructure.**

(1) As used in this section, "charging infrastructure program" means the program described in Subsection (2).

(2) The commission shall authorize a large-scale electric utility program that:

(a) allows for funding from large-scale electric utility customers for a maximum of \$50,000,000 for all costs and expenses associated with:

(i) the deployment of utility-owned vehicle charging infrastructure; and

(ii) utility vehicle charging service provided by the large-scale electric utility;

(b) creates a new customer class, with a utility vehicle charging service rate structure that:

(i) is determined by the commission to be in the public interest;

(ii) is a transitional rate structure expected to allow the large-scale electric utility to recover, through charges to utility vehicle charging service customers, the large-scale electric utility's full cost of service for utility-owned vehicle charging infrastructure and utility vehicle charging service over a reasonable time frame determined by the commission; and

(iii) may allow different rates for large-scale electric utility customers to reflect contributions to investment; and

(c) includes a transportation plan that promotes:

- 365 (i) the deployment of utility-owned vehicle charging infrastructure in the public  
366 interest; and
- 367 (ii) the availability of utility vehicle charging service.
- 368 (3) Before submitting a proposed charging infrastructure program to the commission  
369 for commission approval under Subsection (2), a large-scale electric utility shall seek and  
370 consider input from:
- 371 (a) the Division of Public Utilities, established in Section [54-4a-1](#);  
372 (b) the Office of Consumer Services, created in Section [54-10a-201](#);  
373 (c) the Division of Air Quality, created in Section [19-1-105](#);  
374 (d) the Department of Transportation, created in Section [72-1-201](#);  
375 (e) the Governor's Office of Economic Development, created in Section [63N-1-201](#);  
376 (f) the Office of Energy Development, created in Section [63M-4-401](#);  
377 (g) the board of the Utah Inland Port Authority, created in Section [11-58-201](#);  
378 (h) representatives of the Point of the Mountain State Land Development Authority,  
379 created in Section [11-59-201](#);
- 380 (i) third-party electric vehicle battery charging service operators; and  
381 (j) any other person who files a request for notice with the commission.
- 382 (4) The commission shall find a charging infrastructure program to be in the public  
383 interest if the commission finds that the charging infrastructure program:
- 384 (a) increases the availability of electric vehicle battery charging service in the state;  
385 (b) enables the significant deployment of infrastructure that supports electric vehicle  
386 battery charging service and utility-owned vehicle charging infrastructure in a manner  
387 reasonably expected to increase electric vehicle adoption;
- 388 (c) includes an evaluation of investments in the areas of the authority jurisdictional  
389 land, as defined in Section [11-58-102](#), and the point of the mountain state land, as defined in  
390 Section [11-59-102](#);
- 391 (d) enables competition, innovation, and customer choice in electric vehicle battery  
392 charging services, while promoting low-cost services for electric vehicle battery charging

393 customers; and

394 (e) provides for ongoing coordination with the Department of Transportation, created  
395 in Section 72-1-201.

396 (5) The commission may, consistent with Subsection (2), approve an amendment to the  
397 charging infrastructure program if the large-scale electric utility demonstrates that the  
398 amendment:

399 (a) is prudent;

400 (b) will provide net benefits to customers; and

401 (c) is otherwise consistent with the requirements of Subsection (2).

402 (6) The commission shall authorize recovery of a large-scale electric utility's  
403 investment in utility-owned vehicle charging infrastructure through a balancing account or  
404 other ratemaking treatment that reflects:

405 (a) charging infrastructure program costs associated with prudent investment, including  
406 the large-scale electric utility's pre-tax average weighted cost of capital approved by the  
407 commission in the large-scale electric utility's most recent general rate proceeding, and  
408 associated revenue and prudently incurred expenses; and

409 (b) a carrying charge.

410 (7) A large-scale electric utility's investment in utility-owned vehicle charging  
411 infrastructure is prudently made if the large-scale electric utility demonstrates in a formal  
412 adjudicative proceeding before the commission that the investment can reasonably be  
413 anticipated to:

414 (a) result in one or more projects that are in the public interest of the large-scale  
415 electric utility's customers to reduce transportation sector emissions over a reasonable time  
416 period as determined by the commission;

417 (b) provide the large-scale electric utility's customers significant benefits that may  
418 include revenue from utility vehicle charging service that offsets the large-scale electric utility's  
419 costs and expenses; and

420 (c) facilitate any other measure that the commission determines;

- 421           (i) promotes deployment of utility-owned vehicle charging infrastructure and utility  
422 vehicle charging service; or
- 423           (ii) creates significant benefits in the long term for customers of the large-scale electric  
424 utility.
- 425           (8) A large-scale electric utility that establishes and implements a charging  
426 infrastructure program shall annually, on or before June 1, submit a written report to the Public  
427 Utilities, Energy, and Technology Interim Committee of the Legislature about the charging  
428 infrastructure program's activities during the previous calendar year, including information on:
- 429           (a) the charging infrastructure program's status, operation, funding, and benefits;  
430           (b) the disposition of charging infrastructure program funds; and  
431           (c) the charging infrastructure program's impact on rates.