

# HB0389S01 compared with HB0389

~~{deleted text}~~ shows text that was in HB0389 but was deleted in HB0389S01.

inserted text shows text that was not in HB0389 but was inserted into HB0389S01.

**DISCLAIMER:** This document is provided to assist you in your comparison of the two bills. Sometimes this automated comparison will NOT be completely accurate. Therefore, you need to read the actual bills. This automatically generated document could contain inaccuracies caused by: limitations of the compare program; bad input data; or other causes.

~~{RENEWABLE ENERGY}~~ Representative Colin W. Jack proposes the following substitute bill:

## ELECTRICAL POWER DELIVERY QUALITY AMENDMENTS

2023 GENERAL SESSION

STATE OF UTAH

**Chief Sponsor: Colin W. Jack**

Senate Sponsor: \_\_\_\_\_

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### LONG TITLE

#### General Description:

This bill creates the Electrical ~~{Service}~~ Power Delivery Quality Act.

#### Highlighted Provisions:

This bill:

- ▶ defines terms;
- ▶ grants rulemaking authority to the Public Service Commission (commission);
- ▶ requires certain electric utility companies to prepare an ~~{electric service}~~ electrical power delivery quality plan;
- ▶ grants rulemaking authority to the commission;
- ▶ creates a reporting requirement for the commission to report to the Public Utilities Energy and Technology Interim Committee;
- ▶ makes changes to the state energy policy; and

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- ▶ makes technical changes.

### Money Appropriated in this Bill:

None

### Other Special Clauses:

None

### Utah Code Sections Affected:

#### AMENDS:

**79-6-301**, as last amended by Laws of Utah 2021, Chapter 383 and renumbered and amended by Laws of Utah 2021, Chapter 280

#### ENACTS:

**54-25-101**, Utah Code Annotated 1953

**54-25-102**, Utah Code Annotated 1953

**54-25-201**, Utah Code Annotated 1953

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*Be it enacted by the Legislature of the state of Utah:*

Section 1. Section **54-25-101** is enacted to read:

### CHAPTER 25. ~~{}~~ELECTRICAL POWER DELIVERY QUALITY~~{SERVICE}~~ ACT

#### Part 1. ~~{}~~General Provisions

##### 54-25-101. Definitions.

As used in this chapter:

(1) "Electrical power delivery quality" means the suitability of power delivered to customers as measured in comparison to accepted industry standards on voltage and power quality.

(~~{}~~2) "Electrical ~~{service}~~power delivery quality plan" means a plan submitted to the commission in accordance with the requirements of this chapter.

(~~{}~~3) "Interconnection request" means a request from a utility-scale energy generation system to a qualified utility's transmission line.

(~~{}~~4) "Qualified utility" means the same as that term is defined in Section 54-17-801.

(~~{}~~5) "Utility-scale energy generation system" means an electric generation facility that has a generating capacity of more than two megawatts and is intermittent, non-dispatchable, or controlled by an inverter.

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Section 2. Section **54-25-102** is enacted to read:

### **54-25-102. Commission rulemaking authority.**

(1) In accordance with Title 63G, Chapter 3, Utah Administrative Rulemaking Act, the commission shall make rules to implement this chapter, including:

(a) rules establishing the submission of an electrical power delivery quality plan;

(~~f~~~~a~~~~b~~) rules establishing procedures for the review ~~{and approval }~~ of an electrical ~~{service}~~ power delivery quality plan;

(~~f~~~~b~~~~c~~) rules establishing the procedures for the review ~~{and approval }~~ of ~~{ annual expenditures for }~~ the implementation of an electrical power delivery quality ~~{ service }~~ plan;  
and

(~~f~~~~c~~~~d~~) any other rules that the commission determines are necessary to protect the public interest and implement this chapter.

(2) In establishing the procedures and rules described in Subsection (1), the commission shall consult with:

(a) qualified utilities;

(b) utility-scale electricity providers; and

(c) other state agencies.

Section 3. Section **54-25-201** is enacted to read:

### **Part 2. ~~{ Electric Service }~~ Electrical Power Delivery Quality ~~{ Plans }~~ Plan**

**54-25-201. ~~{ Electric service }~~ Electrical power delivery quality plan for a qualified utility.**

(1) A qualified utility shall:

(a) prepare an ~~{ electric service }~~ electrical power delivery quality plan in accordance with the requirements of this chapter ~~{~~ ; and

(b) submit the electrical power delivery quality plan to the commission.

(2) An ~~{ electric service }~~ electrical power delivery quality plan under Subsection (1) shall include:

(a) a description of the procedures ~~{,}~~ and standards ~~{, and time frames }~~ that the qualified utility will use to assess an interconnection request to:

(i) decrease the risk that the interconnected utility-scale generation ~~{ facilities }~~ facility

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will adversely affect the ~~{electric service}~~electrical power delivery quality to other customers on the qualified utility lines ~~{, including excessive variations in:~~

- ~~— (A) voltage;~~
  - ~~— (B) frequency; or~~
  - ~~— (C) harmonics; and~~
- ~~}; and~~

(ii) address adverse effects to the ~~{electric}~~electrical power service quality caused by interconnected customer-owned generation systems that are discovered after the time of interconnection;

(b) a description of the equipment ~~{and standards }~~that the qualified utility will use to perform the assessment described in Subsection (2)(a); and

(c) a description of proposed modifications or upgrades to facilities and preventative programs that the qualified utility will implement to address any ~~{interconnection problems discovered by}~~electrical power delivery quality issues that do not meet the qualified ~~{utility}~~utility's interconnections policy or ~~{reported by customers}~~relevant national standards.

(3) (a) The commission may only approve an ~~{electric service}~~electrical power delivery quality plan that meets the requirements of Subsection (2).

(b) If the commission does not approve a proposed electrical power delivery quality plan, the commission shall:

(i) notify the qualified utility that the proposed electrical power delivery quality plan was not approved; and

(ii) provide specific recommendations to the qualified utility about changes needed for approval of the proposed electrical power delivery quality plan.

(4) On or before October 31, 2023, and before October 31 of each year after 2023, the commission shall report to the Public Utilities, Energy, and Technology Interim Committee regarding a qualified utility's compliance with the qualified utility's ~~{electric service}~~electrical power delivery quality plan.

Section 4. Section 79-6-301 is amended to read:

### **79-6-301. State energy policy.**

(1) It is the policy of the state that:

(a) Utah shall have adequate, reliable, affordable, sustainable, and clean energy

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resources;

(b) Utah ~~[with]~~ shall promote the development of:

(i) nonrenewable energy resources, including natural gas, coal, oil, oil shale, and oil sands;

(ii) renewable energy resources, including geothermal, solar, wind, biomass, biofuel, and hydroelectric;

(iii) nuclear power generation technologies certified for use by the United States Nuclear Regulatory Commission including molten salt reactors producing medical isotopes;

(iv) alternative transportation fuels and technologies;

(v) infrastructure to facilitate energy development, diversified modes of transportation, greater access to domestic and international markets for Utah's resources, and advanced transmission systems;

(vi) energy storage, pumped storage, and other advanced energy systems, including hydrogen from all sources;

(vii) electricity systems that can be controlled at the request of grid operators to meet system load demands, to ensure an adequate supply of dispatchable energy generation resources;

(viii) electricity systems that are stable and capable of serving load without accelerating damage to customer equipment; and

~~[(viii)]~~ (ix) increased refinery capacity;

(c) Utah ~~[with]~~ shall promote the development of resources and infrastructure sufficient to meet the state's growing demand, while contributing to the regional and national energy supply, thus reducing dependence on international energy sources;

(d) Utah ~~[with]~~ shall promote the development of resources, tools, and infrastructure to enhance the state's ability to:

(i) respond effectively to significant disruptions to the state's energy generation, energy delivery systems, or fuel supplies; and

(ii) maintain adequate supply, including reserves of proven and cost-effective dispatchable electricity reserves to meet grid demand;

(e) Utah ~~[with]~~ shall allow market forces to drive prudent use of energy resources, although incentives and other methods may be used to ensure the state's optimal development

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and use of energy resources in the short- and long-term;

(f) Utah ~~will~~ shall pursue energy conservation, energy efficiency, and environmental quality;

(g) (i) state regulatory processes should be streamlined to balance economic costs with the level of review necessary to ensure protection of the state's various interests; and

(ii) where federal action is required, Utah will encourage expedited federal action and will collaborate with federal agencies to expedite review;

(h) Utah ~~will~~ shall maintain an environment that provides for stable consumer prices that are as low as possible while providing producers and suppliers a fair return on investment, recognizing that:

(i) economic prosperity is linked to the availability, reliability, and affordability of consumer energy supplies; and

(ii) investment will occur only when adequate financial returns can be realized; and

(i) Utah ~~will~~ shall promote training and education programs focused on developing a comprehensive understanding of energy, including:

(i) programs addressing:

(A) energy conservation;

(B) energy efficiency;

(C) supply and demand; and

(D) energy related workforce development; and

(ii) energy education programs in grades K-12.

(2) State agencies are encouraged to conduct agency activities consistent with Subsection (1).

(3) A person may not file suit to challenge a state agency's action that is inconsistent with Subsection (1).