



Utility Advisory Committee Meeting

December 7, 2022

Item No. 2

Staff Report

BOULDER CITY
UTILITY ADVISORY COMMITTEE

CHAIRMAN:
Larry Karr

MEMBERS:
EILEEN WILKINSON
HOWARD ANALLA
MARTIN RIHEL
NED SHAMO
GREG TODD
LLOYD ANDERSON



MEETING LOCATION:
CITY COUNCIL CHAMBER
401 CALIFORNIA AVENUE
BOULDER CITY, NV 89005

MAILING ADDRESS:
401 CALIFORNIA AVENUE
BOULDER CITY, NV 89005

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CITY MANAGER:
TAYLOUR TEDDER, CEC

CITY CLERK:
TAMI MCKAY, MMC, CPO

TO: Utility Advisory Committee

FROM: Joseph Stubitz, Utilities Director

DATE: December 7, 2022

SUBJECT: Discussion of the updated Draft Integrated Resource Plan (IRP)

Action Requested:

That the Utility Advisory Committee consider the presentation of the draft Electric 2023 - 2027 Integrated Resource Plan.

Overview:

- Integrated resource planning (IRP) is a planning process for new energy resources that evaluates alternatives such as power purchase agreements and energy efficiency programs.
- As a recipient of federal hydro-power, Boulder City must comply with the requirements of 10 CFR Part 905, including preparation of a five-year IRP conforming to requirements established by the Western Area Power Administration (WAPA), public participation in the IRP process, and submittal of annual IRP updates to WAPA.
- Public comments to this presentation and Staff responses will be added to the IRP document and posted to the City's website by December 22, 2022.
- Staff will request that Council approve the final electric 2023 – 2027 IRP at the January 10, 2023 regular public meeting.

Background Information:

The attached presentation addresses:

- Utility load by account category and customer type
- Seasonal and hourly energy use
- Rate structures
- Clark County electric utility residential cost comparison
- Low-income energy assistance

- Existing hydroelectric and market energy contracts
- Wholesale power services business relationships
- Existing and planned energy conservation programs
- 2023 – 2027 forecast
 - Energy requirement
 - Per year energy delivered and unit prices for hydro and market energy

Other:

This agenda item is in alignment with Goal 4 (Review Electric Integrated Resource Plan) of the Utility Advisory Committee Goals.

Department Recommendation: The Utilities Department staff respectfully requests that the Utility Advisory Committee consider the presentation of the draft Electric 2023 – 2027 Integrated Resources Plan.

Attachment:

Electric 2023-27 IRP Draft for public review & comment
Electric 2023-27 IRP Presentation