

DOCKETED

Docket Number:	18-IRP-01
Project Title:	Integrated Resource Plan
TN #:	229378
Document Title:	Glendale Water and Power IRP Revisions Cover Letter
Description:	Summary of revisions made on the Standardized Tables and IRP (Revision Date: 08/07/2019)
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Submitter Role:	Public Agency
Submission Date:	8/12/2019 3:45:20 PM
Docketed Date:	8/12/2019



August 7, 2019

California Energy Commission
Docket Unit, MS-4
Docket No. 18-IRP-01
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: Revised Glendale Water and Power (GWP) Integrated Resource Plan (IRP)

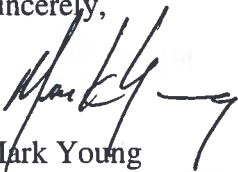
To Whom It May Concern:

GWP hereby submits the revised IRP Document and CEC Standardized Tables, demonstrating GWP's position of being balanced and ability to meet the 2030 GHG emission reduction targets established by the California Air Resource Board (CARB). Modifications are summarized as follows:

- Energy Balance Table (EBT)
 - Added missing data for Hoover, Magnolia and Palo Verde for years 2026 through 2030
 - Previously recorded on line 12c for the BESS was the discharge of the battery instead of the battery's losses. This was in effect double counting the energy discharged by the batteries as this energy was supplied by the generation of other resources listed. Batteries were modeled having a charging efficiency of 93%, a discharging efficiency of 100%, and a leakage rate of 0.022%/hour.
 - Transmission losses were removed from short-term and spot-market interaction figures and added to line 20a Transmission Losses. GWP procures additional energy to compensate our Balancing Authority for transmission losses associated with energy scheduled between various points of receipt and delivery (POR/POD). This payback energy is not a sale transaction.
 - The energy breakdown of the Skylar contract (lines 12h and 13o) has been modified. Starting in 2020 the contract is at least 55% RPS, and 20% Zero-Carbon. Previously this contract had been modeled as 50% Brown / 50% RPS eligible.
- GHG Emissions Accounting Table (GEAT)
 - Adjusted the calculated emissions associated with the non-RPS Eligible component of the Skykar contract (line 1h) to account for the 20% Zero-Carbon content. No more 25% of the total contracted amount is "unspecified power".

- IRP Document
 - Figures 3 and 28 : Annual Greenhouse Gas Emissions
 - Figure 22: GHG Emissions of Portfolio Evaluated
 - Section 14.1 - Appendix A – CEC Standardized Tables

Sincerely,



Mark Young
Deputy General Manager – Power Management