CITY OF BANNING
STAFF REPORT

TO:	**CITY COUNCIL**
FROM:	**Elizabeth Gibbs, City Manager**
PREPARED BY:	**Fred Lyn, Deputy Director of Electric** **Art Vela, Director of Public Works**
MEETING DATE:	**May 12, 2026**
SUBJECT:	**Discussion of the City of Banning Electric Utility's Electric System Master Plan**

RECOMMENDATION:

Receive the presentation regarding the Electric System Master Plan

BACKGROUND:

The purpose of this workshop is to provide the City Council with an overview of the recently completed Electric System Master Plan ("ESMP") by Finley Engineering Company. The ESMP provides a high-level guide for planning, operating, and maintaining the electric distribution system for the Banning Electric Utility (BEU) over the next two decades. The plan also identifies the long-term outlook of the electric utility, assesses its current conditions, and provides both a 5-year and a 15-year long-term capital improvement plan to address current and future challenges all designed to increase reliability, safety, and address future load growth. The long-term approach of the 20-year timeline will allow BEU to plan how to address these issues in a way as to allow for flexibility in budget while concurrently maintaining reliability in a steady fashion.

JUSTIFICATION:

The City of Banning Electric Utility's (BEU's) overall electricity consumption has increased by approximately 10 percent over the past three years, and the City must ensure that BEU's electric transmission and distribution facilities are adequate in order to accommodate future load growth and address aging infrastructure.

The ESMP is a blueprint guide for planning, operating and maintaining BEU for the next 20 years. The ESMP consists of the following:

- an initial system assessment;
- review of BEU's practices and performance;
- regulatory impacts;
- condition of the electric infrastructure;
- system distribution modeling and planning criteria;
- performing a load forecast that considered multiple growth cases;
- a load flow analysis of the electric system in regards to overall system voltage profile and reliability;
- development of a capital improvement plan to address findings of the assessments and analysis, and addressing aging infrastructure

FISCAL IMPACT:

There is no immediate fiscal impact associated with this workshop.

ATTACHMENTS:

1. City of Banning Electric System Master Plan