

**ROCHELLE CITY COUNCIL
AGENDA ITEM MEMO
REGULAR MEETING**

SUBJECT: Generation Planning Study

Staff Contact: Blake Toliver, Superintendent of Electric Operations

Summary: The purpose of the study is to assess the existing generation infrastructure in support of current pricing and future development. The study will entail analyzing the generation department, including engines, generators, and market pricing to determine areas of needed improvement and quantify the probable future needs / expansion of the power generation department. This analysis will provide Rochelle with a roadmap to having adequate, reliable, and efficient generation capacity for the future.

The following critical items will be evaluated during the study:

1. Load Existing Generation Heat Rates
2. Generation Market Review:
3. System Evaluation
4. Investigate the Day Ahead Market
5. Generation Long Term Planning

The Electric department has had a long-standing relationship with BHMG and they are the most suitable party to conduct this study.

Funding Sources:

Source:	Budgeted Amount:	Proposed Expenditure:
Generation	\$75,000	\$75,000

Strategic Plan Goal Application: Infrastructure Effectiveness and Improvement

Recommendation: Approve an agreement with BHMG for a Generation Planning Study at a not to exceed cost of \$75,000.