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FISCAL IMPACT REPORT

SPONSOR <u>Ortez</u>	LAST UPDATED <u>2/18/2025</u>	ORIGINAL DATE <u>1/24/2025</u>
SHORT TITLE <u>Advanced Grid Technology Plans</u>	BILL NUMBER <u>CS/House Bill 93/HGEIC</u>	ANALYST <u>Rodriguez</u>

ESTIMATED ADDITIONAL OPERATING BUDGET IMPACT* (dollars in thousands)

Agency/Program	FY25	FY26	FY27	3 Year Total Cost	Recurring or Nonrecurring	Fund Affected
PRC	No fiscal impact	\$55.4	\$58.7	\$114.1	Recurring	General Fund

Parentheses () indicate expenditure decreases.
 *Amounts reflect most recent analysis of this legislation.

Relates to House Bill 13 and Senate Bill 142

Sources of Information

LFC Files

Agency Analysis Received From
 Public Regulation Commission (PRC)
 Energy, Minerals and Natural Resources Department (EMNRD)

Agency Analysis was Solicited but Not Received From
 Office of the Attorney General (NMAG)

SUMMARY

Synopsis of HGEIC Substitute for House Bill 93

The House Government, Elections, and Indian Affairs Committee Substitute for House Bill 93 (HB93) allows utility companies to include requests for advanced grid technology plans in their applications for grid modernization projects. HB93 also directs public utilities to consider deployment of advanced grid technologies in integrated resource plans (IRP). The bill allows a public utility to recover costs for advanced grid technology projects, unless it is under the jurisdiction of the Federal Energy Regulatory Commission (FERC), through an approved tariff rider, base rates, or a combination of the two. The bill allows distribution cooperative utilities to recover costs for deployment of advanced grid technologies.

HB93 specifies criteria that the Public Regulation Commission (PRC) should consider when reviewing plans for approval, including reduced costs for ratepayers, increased grid reliability while integrating sources of renewable energy, reduced greenhouse gases, increased access to and the use of clean and renewable energy, consistency with the state’s grid modernization planning, and cost effectiveness.

The bill also adds a new section and sets forth definitions for advanced conductors, advanced grid technology, advanced power flow controllers, dynamic line ratings, grid enhancing technology, and topology optimization in Chapter 62, Article 8 NMSA 1978 and in the Efficient Use of Energy Act.

The effective date of this bill is July 1, 2025

FISCAL IMPLICATIONS

HB93 could have an additional \$114.1 thousand impact on PRC's operating budgets in FY26 and FY27 due to additional staff time required to review advanced technology plans. PRC notes that the act would require additional work for its attorneys, public utilities economists, engineers, and hearing examiners to establish processes for utilities to follow and to perform adequate analysis and review.

SIGNIFICANT ISSUES

Advanced Grid Technologies. HB93 allows public utilities to incorporate advanced grid technology plans in their applications for grid modernization projects. The bill also defines “advanced grid technology” as hardware or software technology that increases the efficiency, capacity or reliability of existing or new electric transmission and distribution systems, and can include advanced conductors, grid enhancing technologies, and other technologies determined by PRC or FERC that increase efficiency, capacity, and reliability.”

Grid enhancing technologies can usually be more quickly deployed than traditional alternatives, such as building new distribution or transmission lines. Two examples of grid enhancing technologies defined in the bill— dynamic line ratings and advanced power flow controllers— allow for more optimal use of the existing infrastructure. In short, dynamic line ratings update the calculated thermal limits of existing transmission lines based on real-time and forecasted weather conditions and, therefore, increase how much energy can transfer across infrastructure. Advanced power flow controllers help balance overloaded lines and underutilized corridors— allowing for more optimal use of the existing infrastructure

In an analysis of the introduced version, the Energy, Minerals and Natural Resources Department (EMNRD) notes that dynamic line rating can increase existing transmission capacity by 10 percent to 30 percent. EMNRD writes that dynamic line rating optimize existing infrastructure and reduce the need for costly new grid buildout while minimizing curtailment of low-cost renewable energy.

Grid Modernization Projects. HB93 allows utilities to include advanced grid technology plans when submitting applications for grid modernization projects, which adds plans into current ratemaking frameworks, as opposed to creating a new required filing as it was in the introduced version of the bill. For PRC-approved grid modernization projects, statute enables investor-owned utilities to recover reasonable project costs through an approved tariff rider or change in base rates. Typically, general rate cases in New Mexico can take nine months to a year for full review and approval, depending on complexity, stakeholder input, and the need for hearings or modifications. For filings and approvals for tariff riders, the general timeline is between three

months and one year, depending on the type of case, issues being raised, and the number of interveners.

Distribution Cooperative Utility. EMNRD notes that distribution cooperative utilities do not own or operate transmission systems, and therefore cannot deploy most of the defined grid enhancing technologies in HB93. EMNRD notes that most distribution cooperatives in New Mexico are members of larger, interstate generation and transmission cooperatives that fall under federal regulatory jurisdiction.

CONFLICT, DUPLICATION, COMPANIONSHIP, RELATIONSHIP

HB93 relates to Senate Bill 142 which requires EMNRD to work in consultation with PRC when developing a roadmap to modernize the state's electric grid.

HB93 also relates to House Bill 13 which requires electric public utilities to develop and file detailed distribution system plans and beneficial electrification plans with PRC.

JR/rl