

BILL SUMMARY
2nd Session of the 60th Legislature

Bill No.:	HB3183
Version:	POLPCS1
Request Number:	16175
Author:	Rep. Archer
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Impact:	\$0

Research Analysis

The proposed policy committee substitute 1 for HB 3183 creates the GET Over Congestion (Grid Enhancing Technology Over Congestion) Act. This measure defines the following terminology used within the act:

Advanced power flow controllers;
Advanced transmission technology;
Congestion;
Dynamic line rating;
Grid-enhancing technologies (GETs);
High performance conductors;
Integrated resource plan;
Large load user;
Topology optimization; and
Utility.

This measure also requires utilities to analyze as a part of the planning process the cost effectiveness and deployment timeline of advanced transmission technologies and GETs. Specifically, utilities shall analyze:

- The cost effectiveness and timetable for deployment of advanced transmission technology as an alternative strategy to meet electric system needs;
- Whether the technologies would;
 - Increase transmission capacity;
 - Increase transmission efficiency;
 - Reduce transmission system congestion;
 - Reduce curtailment of energy generation resources;
 - Increase reliability;
 - Reduce the risk of igniting wildfire;
 - Increase resiliency; or
 - Increase capacity to connect new energy resources.

This measure permits utilities to consult with large load users to identify opportunities to minimize impacts to the general rate base. The Corporation Commission shall encourage utilities to include the deployment of advanced transmission technologies in an integrated resource plan. Criteria for an integrated resource plan include:

- Analyzing congestion hotspots to cost-effectively maximize the delivery of energy resources including:

- Identifying the ten most congested locations on the entity's transmission system;
 - Estimating the frequency of congestion at each location and the increased cost to ratepayers resulting from the substitution of higher-priced electricity;
 - Evaluating the technical feasibility and estimate the cost of installing one or more advanced transmission technologies to address each instance of grid congestion; and
 - Proposing an implementation plan, including a schedule and cost estimate, to install advanced transmission technologies at each congestion point.
- Providing the results of the analysis described in the Corporation Commission filing;
 - Providing a summary of existing and planned advanced transmission technologies.

Based on the analysis provided by the utility, the Corporation Commission shall approve the utility's recovery if the deployment of advanced transmission technologies is cost effective.

Prepared By: Douglas Amos, House Research Staff

Fiscal Analysis

The proposed committee substitute to HB 3183 requires utilities to analyze the cost effectiveness of deployment of advanced transmission and grid-enhancing technologies. The measure requires the Oklahoma Corporation Commission (OCC) to encourage such deployment in a utility's integrated resource plan and, if the OCC determines that such deployment is cost-effective, may approve recovery of certain costs of advanced transmission technologies. Upon review, the OCC has determined that this measure would have no impact on current agency budgetary resources.

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Other Considerations

None.