



## ENERGY EFFICIENT GOVERNMENT TECHNOLOGY ACT

The purpose of this bill is to focus the executive branch on harnessing information and communications technologies to improve energy efficiency and reduce energy use within the federal government, particularly at federal data centers. The Act has two substantive sections.

**Section 2** requires the Office of Management and Budget to collaborate with each federal agency to create, within a year of enactment, a strategy for the maintenance, purchase, and use of energy efficient and energy saving information and communication technologies and practices.

- Such technologies and practices include: advanced metering infrastructure; efficient data center strategies; improving IT asset utilization levels; building energy management; and secure telework and travel substitution tools.
- Within six months of enactment, OMB and DOE must establish performance goals and a means of measuring cost savings for each agency.

**Section 3** focuses on improving the energy efficiency of federal data centers, including measures that will lay the groundwork for private sector improvements in data center energy efficiency. Specifically, Section 3 would:

- Require DOE and EPA to update a 2007 Report to Congress on Server and Data Center Energy Efficiency, which includes best practices and recommendations and is widely agreed to be in need of an update given the considerable proliferation of data and data centers over the last several years.
- Codify the existing Data Center Energy Practitioner Program at DOE, which trains practitioners to inspect and evaluate the energy efficiency of data centers. The bill also requires all federal data centers to be evaluated annually by DCEP-certified inspectors.
- Establish an Open Data Initiative for the purpose of making federal data center energy usage data available in a way that empowers further data center innovation, while protecting national security interests.
- Require DOE to develop a new metric to measure overall energy efficiency of data centers, and to work toward harmonizing international metrics for data center energy efficiency.