



# NUCLEAR ENERGY FOR CLEANER AIR

**LAWMAKERS IN MASSACHUSETTS HAVE A CHOICE:** Keep the Pilgrim nuclear facility open to reduce carbon emissions, or close the facility and maintain current levels of carbon emissions. Staying nuclear will ensure the state utilizes all available energy sources to reduce emissions. While the intended goal of the Clean Power Plan (CPP) is to reduce emissions, it cannot be achieved by simply complying with the new standards.

## Current Emissions for Massachusetts



**20,916,852**

### INCREASED EMISSIONS

If Coal and Nuclear are Replaced with Natural Gas

**19,659,846**  
(TONS)



**18,404,977**

### DECREASED EMISSIONS

If Coal is Shut Down and Pilgrim Nuclear Facility Remains Online

## Additional Nuclear Energy Benefits for Massachusetts



Economic impact on greater Plymouth community:

**\$145 million**



Direct Jobs Retained:

**600 jobs**

Since Massachusetts's emissions may also impact neighboring states, state policymakers setting emissions standards have a responsibility to them as well as their constituents. In order to maintain a healthy environment in the region, Massachusetts must pursue power options that reduce pollutants while continuing to meet the demand for electrical power. By all available measures, nuclear facilities make the most significant contribution toward lowering emissions.

The American Nuclear Society (ANS) offers independent tools on nuclear energy options available to state lawmakers as they draft their CPP compliance strategies.

[www.nuclearconnect.org](http://www.nuclearconnect.org)



**ANS**