

WHY WE NEED RGGI: PENNSYLVANIA'S CLIMATE IS ALREADY CHANGING

- Greenhouse gas emissions from fossil fuels are changing Pennsylvania's climate.
- **Temperatures are projected to increase by 5.9 degrees by 2050** and the number of **days with a heat index above 90 degrees will increase dramatically from eight to 40 per year.**



PennDOT spent more than \$125 million in 2018 alone to repair flood and landslide damage.

Hurricane Ida caused damage to Pennsylvania's public infrastructure of at least **\$117 million and destroyed or damaged hundreds of homes here.**



More deaths from heat and respiratory ailments like asthma...

Increased disease like West Nile virus and Lyme disease...

Disruption to agriculture, including dairy farms...

- **Power outages from extreme storms across Pennsylvania hit a record high** in 2019, disrupting electricity service for nearly 2 million families and businesses.

RGGI is an important tool for Pennsylvania to tackle the problems that climate change makes worse. It will cut carbon pollution, which contributes to climate change, by as much as 227 million tons per year, a reduction of about 25% from total power plant carbon emissions.