



# Exelon Generation -

One of the nation's leading competitive power generators

## Exelon Nuclear

- 22 Reactors in 13 locations in Illinois, Maryland, New York and Pennsylvania



## Exelon Generation by the Numbers

1,642 MW hydro 

1,382 MW  
wind 

66 MW  
landfill gas 

410 MW  
solar 

6,506 MW  
natural gas 

19,316 MW  
nuclear 

# Calvert Cliffs Plant Facts

- Generation: Two units ~ 1,850 MW
  - Unit 1: Licensed until 2034
  - Unit 2: Licensed until 2036
  - Pressurized water reactor
- Total electrical generating capacity is enough to power about 30% of all homes and businesses in state of Maryland
  - 14.99 Million MWe
- Calvert continues to be a “base-load generator” supplying the Washington/Baltimore region
- 96% Capacity Factor in 2018
- 24-Month Fuel Cycles

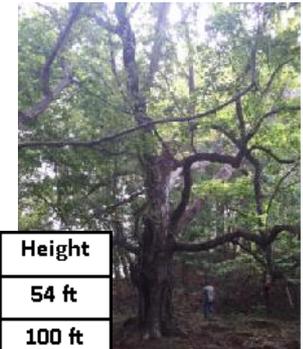
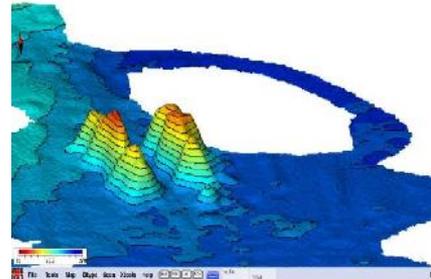
*Equivalent energy output to power the city of Baltimore or 30% of all homes & businesses in MD*



# Environmental Stewardship

- 2018 – Silver Wildlife Habitat Certification
- ISO 14-001 Certified (Program Certification)
- Calvert Cliffs was awarded 1<sup>st</sup> Place 2016 Calvert County Recycling Award
- Annual Horseshoe Crab Guard Installation
- Eastern Bluebird Monitoring - 85 Bluebirds produced in 2018
- LED Installation Project
- Storm Drain Insert Program
- Bat Box Monitoring
- Wood Duck Program
- 3 Active Eagle’s Nests
- Artificial Reef Project
- Champion Chestnut Oak

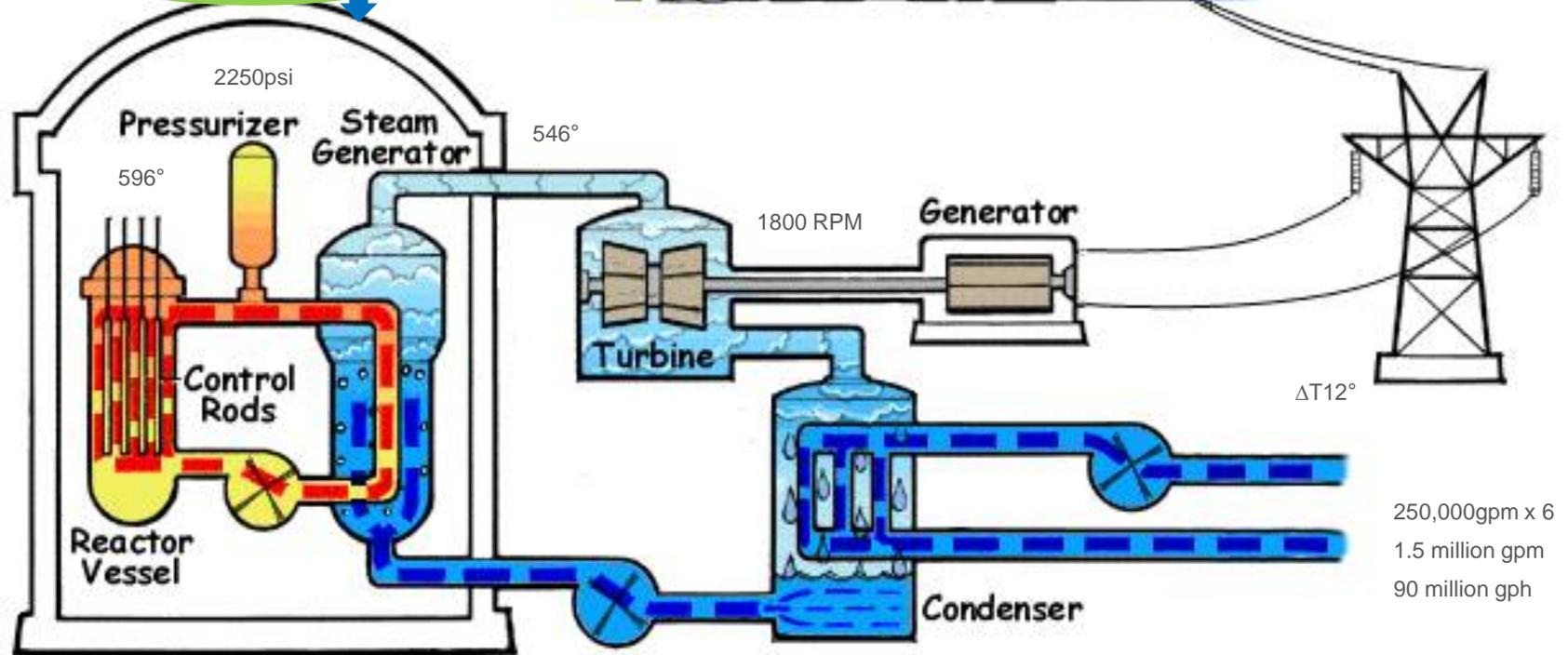
1,500 acres of pristine forest and shoreline



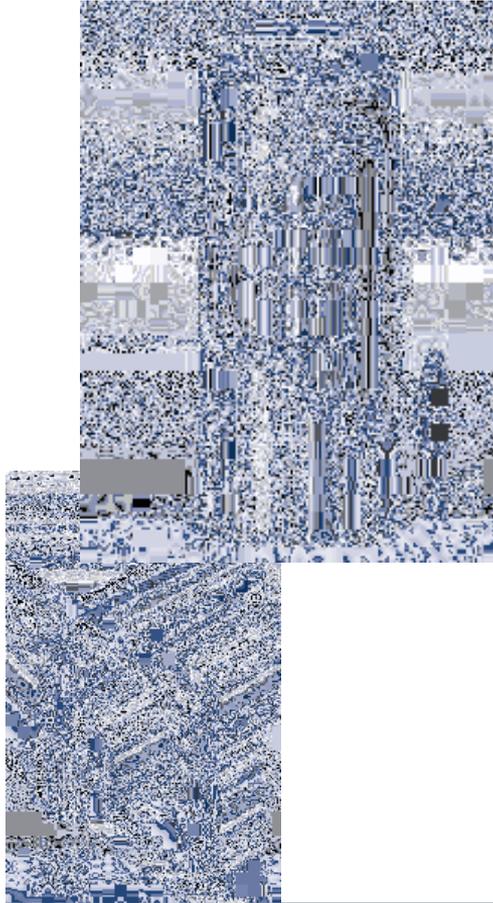
	Circumference	Height
1994	8.25 ft	54 ft
2017	15.42 ft	100 ft

# How Does Calvert Use the Chesapeake Bay?

Chernobyl Didn't have This!



# Dry Cask Storage / Independent Spent Fuel Storage Installation "ISFSI"



# Why is Calvert Cliffs Important to Reach Climate Initiatives?

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Calvert Cliffs Supplies Approximately 80% of the State's Carbon Free Electricity



To provide the amount of carbon-free electricity produced by Calvert Cliffs, Maryland would have to build a solar farm three times the size of Annapolis or install windmills over an area three times the size of Baltimore.



If 1 American got all of their lifetime electricity from Nuclear Power (77 years), the total waste would weigh 2 pounds and fit in to one soda can!



Average annual carbon dioxide emissions would be about 10.6 million metric tons higher without the generation from Calvert Cliffs Nuclear Power Plant... two and one quarter million cars worth of carbon dioxide

ANY  
QUESTIONS  
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