

CLEAN ENERGY Cribune

New York Transco

Grades 5-9 Edition

HUDSON VALLEY BUSINESS IMPROVING CLEAN ENERGY TRANSMISSION

There is an important clean energy project taking place in 11 Hudson Valley towns.

A company called New York Transco is removing electric transmission poles and lines that have been in the towns for 80 years and replacing them with new modern poles and lines.

Transmission lines carry electricity long distances from the places where it is made to your neighborhood. In your neighborhood, the electricity is transferred to shorter distribution lines, which carry it to your house.

The new lines will be able to carry more electricity, especially clean energy from solar farms, wind farms and hydroelectric facilities. This will help New York State meet its goal of having 100% clean energy by 2040.

We are taking down old poles and lines that look like this:



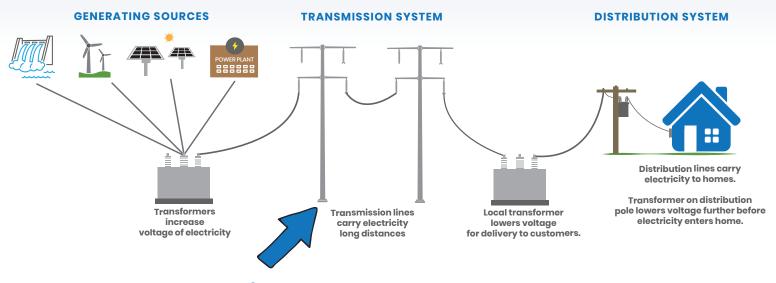


And putting up new poles and lines that look like this:



Learn more about clean electricity transmission on the back.

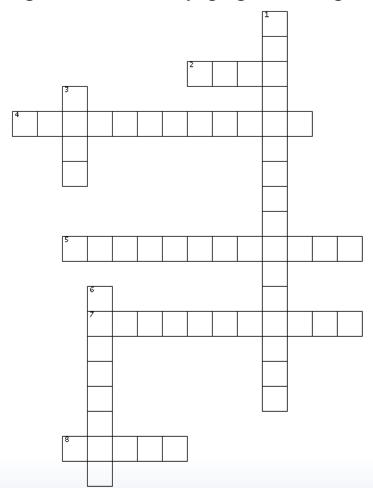
ELECTRICITY: HOW IT GETS TO YOUR HOME



New York Transco's project is a transmission improvement project.

ELECTRICITY TRANSMISSION PUZZLE

If you read the front page, you're ready to tackle this puzzle.



ACROSS

- 2. Blowing in the _____
- 4. Lines that carry electricity long distances
- 5. Lines that carry electricity to your home
- 7. It powers our world
- 8. Powered by the sun

DOWN

- 1. Energy from water
- 3. Turning off the lights when you leave your room will _____ energy
- 6. Lives next door

ANSWERS

Down: 1) HYDROELECTRICITY, 3) SAVE, 6) NEIGHBOR

7) ELECTRICITY, 8) SOLAR

7) ELECTRICITY, 8) SOLAR

7) HYDROELECTRICITY, 3) SAVE, 6) NEIGHBOR, 9) DISTRIBUTION, 9) DISTRIBUTION