

Fact Sheet

Public Service Electric and Gas Company (PSE&G) has begun to proactively protect and strengthen its electric and gas systems against severe weather conditions under its “Energy Strong” program, approved on May 21, 2014 by the New Jersey Board of Public Utilities.

Making New Jersey
energy
strong

PSE&G will invest \$1.22 billion in infrastructure investments during the next few years:

- \$620 million to protect, raise or relocate 29 switching and substations that were damaged by water in recent storms.
- \$350 million to replace and modernize 250 miles of low-pressure cast iron gas mains in or near flood areas.
- \$100 million to create redundancy in the system, reducing outages when damage occurs.
- \$100 million to deploy smart grid technologies to better monitor system operations to increase our ability to more swiftly deploy repair teams.
- \$50 million to protect five natural gas metering stations and a liquefied natural gas station affected by Sandy or located in flood zones.

PSE&G estimates that the work approved by the BPU will create about 2,900 jobs, which will bolster the state’s economy. The utility is hiring more than 300 additional employees this year, about half of them in union positions. The infrastructure investments also are putting skilled contractors and laborers to work installing new gas mains, raising or relocating substation equipment and erecting water barriers.

Gas pipe replacements are under way

By year end, the utility will replace the first 88 miles of low-pressure cast iron gas mains that are in or near flood areas. These new pipes will prevent water from entering the mains, increasing the reliability of gas service in these locations. The work is on schedule and under way in Bergen, Essex, Hudson, Mercer, Middlesex, Passaic and Somerset counties.

In addition to replacing the cast iron mains with ones made of plastic, **PSE&G** is upgrading older service lines with plastic piping that brings gas to individual homes and businesses. The utility has been working with local officials to minimize traffic and other disruptions.

Substation hardening to begin early next year

PSE&G has been finalizing engineering plans and expects to begin raising or fortifying substations early in 2015. The work schedule will also depend on material availability and the issuance of local construction permits. The 29 substations slated for hardening are located in Bergen, Essex, Hudson, Mercer, Middlesex, Passaic, Somerset and Union counties.

PSE&G has also started making the redundancy improvements and deploying smart grid technologies in a number of locations throughout its service territory.



PSE&G

We make things work for you.