

## Questions and Answers about the Proposed Coatesville Energy Center

1. **Question:** Will air emissions from the proposed power plant harm people?

**Answer: No.** Emissions from FPL Energy's proposed power plant in Coatesville will be regulated by the U.S. EPA and the Pennsylvania Department of Environmental Protection (PADEP) to ensure that the facility does not adversely impact human health, including the most sensitive individuals in the population (the elderly, children, and individuals with respiratory illnesses), or the environment. The PADEP must issue an air permit to the project before it is allowed to be constructed and an additional operating permit for it to operate. The air quality permit will only be issued if the power plant can operate within DEP's and the EPA's strict standards. Chester County has been designated by PADEP and EPA as an area with an unacceptable level of fine particles and ground level ozone air pollution, which are primarily a result of mobile sources (trucks and cars) and the transport of air pollution from upwind sources. FPL Energy's proposed Coatesville energy center must acquire air emission offsets that ensure the new source will not increase local emissions and produce fewer emissions than had previously occurred.

2. **Q:** Will smokestacks belch out plumes of black smoke?

**A:** Visible emissions from combined cycle generating units like the proposed facility are nearly non-existent. You will see little or no visible emissions coming from the stack during normal operation as a result of the facility's use of clean-burning natural gas and ultra-low sulfur distillate fuels.

3. **Q:** Will the electricity from the plant be sent to other states?

**A:** Electricity from the proposed power plant will be used in the Pennsylvania, New Jersey, Maryland Power Grid (PJM). Power plants belonging to the power grid "pool" their electricity to help ensure a reliable supply of power for member states. So, yes, electricity from the proposed Coatesville Energy Center may go to the other states that are members of the power grid, and electricity from those states may be used here in Pennsylvania as part of the cooperative agreement that exists to support the power supply among the states. If there should be a surplus of power at some time within the power grid and a shortage of power in nearby states that are not members of the pool, the PJM can sell its electricity out of state just as it can buy out of state in times of need.

4. **Q:** Will the proposed power plant pose a danger of explosion?

**A:** The risk of a gas explosion at a power plant such as the one proposed by FPL Energy is extremely small. We will not store natural gas on the site, but simply draw natural gas from the underground pipeline as other buildings do. We will use more at any one time than a home uses, but it is consumed immediately. There is a natural gas pipeline already running near the Flats site. Many neighborhoods in the area, schools and businesses tap into similar pipelines for the natural gas they use for heating and cooking.

5. **Q:** Will the proposed power plant be an eyesore?

**A:** The proposed Coatesville Energy Center would be a well maintained industrial site occupying a site that has a long history of heavy industrial use. The power plant site will be landscaped and painted to be as unobtrusive as possible.

6. **Q:** Will there be a gas smell around the plant?

**A:** There will be no gas smell at the plant. The smell in natural gas comes from an additive called odorant. There will be little or no odorant in the natural gas burned at the proposed Coatesville Energy Center. The plant will have sophisticated sensors that will alert station operators to any leakage long before the gas could be detected by smell. Odorants are typically added by residential distribution companies.

7. **Q:** Will noise from the plant bother neighbors?

**A:** The plant will meet the city's existing sound level restrictions for industrial zoning districts. That means that sound levels may not exceed 77 dB(A) measured at the property line of the power plant site. The plant is engineered with noise enclosures and other acoustical treatments designed to lower sound levels to ensure we do not exceed code limits.

**For more information call FPL Energy at (866) 284-7080**