**America Revealed: Electric Nation**

How did the Clean Air of the 1970's change the mining of the coal in the U.S.?

**President Nixon signed the Clean Air Act to halt down heavy polluters, It did not hinder coal mining.**

Why is the nuclear reactor under construction at the Watts Bar nuclear plant in Tennessee the first new U.S. reactor since the 1970's? What is the main difference between a coal-burning power plant and a nuclear power plant?

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**Coal-burning power plant pollutes a lot of air, and a nuclear power plant powers a lot of houses but dangerous if something at the plant fails.**

What is hydraulic fracturing (fracking)? Why is the Marcella shale deposit in New York and Pennsylvania experiencing a "gold rush" of hydraulic fracturing?

**Fracking he process of injecting liquid at high pressure into subterranean rocks, boreholes, etc., so as to force open existing fissures and extract oil or gas.**

Where are most wind farm sites located in the U.S.? Why is the Columbia River Gorge on the west coast a desirable location for a wind farm?

**A lot of wind blows in the area (like a funnel), the great plains, barely any mountains so no winds. Place to harvest a lot of energy.**

What did Larry Davis observe with an infrared camera attached to the bottom of his plane?

**Heat to claim the energy used. In Cleveland, he reading how much power that energy is wasted. Costing a lot $$$ for waste energy.**

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