

Human Population 2018

Lecture 25 (not a lecture!)
Current events.

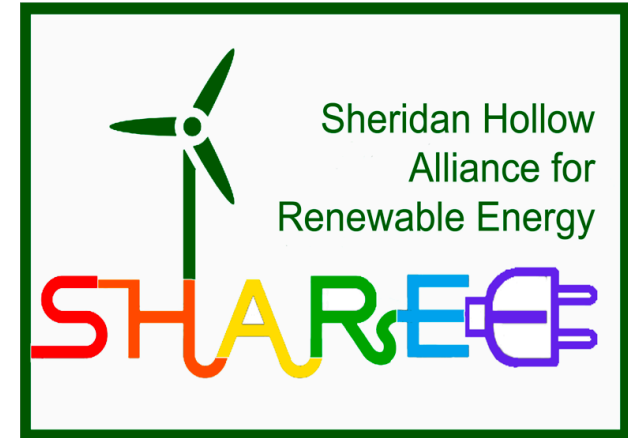
SHARE "Walk the Talk" march, Albany Monday Apr 23, 2018



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Monday Apr 23, 2018

- **Climate changes threaten civilization.**
- **Hydrofracking comes to NY**
- **Fracking would lower price of fossil fuel.**
- **Renewable energy could not compete with fracking.**
- **Protesters outnumber supporters of fracking.**
- **Governor A. Cuomo calls for a moratorium on fracking.**
- **Cuomo bans fracking in NY. Does not ban pipelines.**
- **Anti-fracking protests stop. Pipeline protests start.**
- **Several pipelines stop construction.**
- **Pipeline protests stop or slow.**
- **NY Power Authority (NYPA, under Cuomo) plans frack-gas power plant in Albany poor neighborhood, Sheridan Hollow**
- **Protesters hit the streets monday Apr 23.**

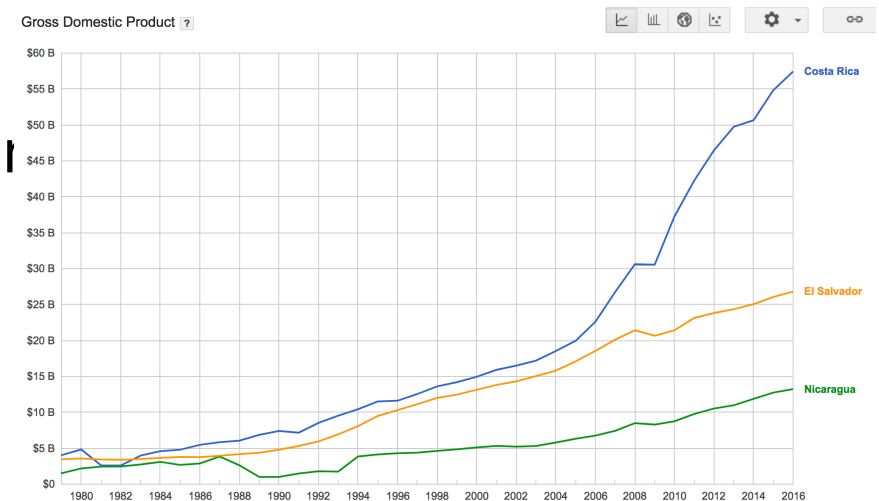
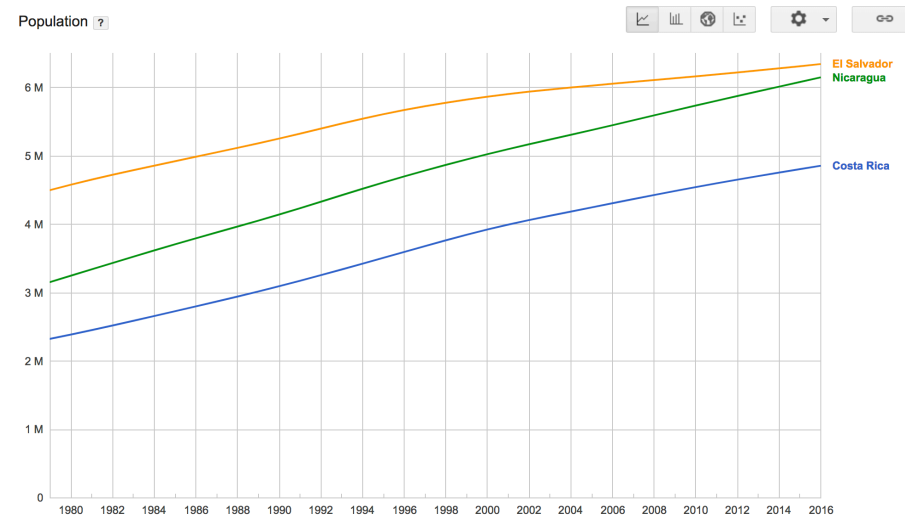


Prediction: New NYPA contract will include renewable energy sources.

Unrest in Nicaragua, Apr 19-24, continuing.

click on "Nicaragua news" link in course web site.

- Population has grown from 3M in 1979 to 6.15M in 2018. Greatest growth in the region.
- Economic productivity lags behind neighbor countries.
- Food prices increasing.
- Debt (world bank) increasing.
- Recent cut in pensions and increase in taxes. Necessary, says government.
- Lines of division drawn within the Sandinista party. (Sandinista/Ortegesta)



Prediction: It will get worse.

Mayor Madden Announces Completion of Phase One of City's Solar Energy Project

2.1 megawatt solar installation meets 20 percent of City's electric power needs

City announces plans to expand landfill site with additional 2.6 megawatt array

Event part of first-ever Troy Earth Week to highlight City's efforts to promote renewable energy, sustainability, and climate smart initiatives
TROY, NY – Mayor Patrick Madden, the New York State Energy Research & Development Authority (NYSERDA), and representatives of Monolith Solar today announced the completion of the first phase of the City of Troy's solar energy project during a ribbon cutting ceremony at the City's Frear Park Ice Arena. The 2.1 megawatt solar network, which includes over 6,700 solar panels across six locations within and outside Troy, provides 20 percent of the City's annual electric needs and saves an estimated \$2M in municipal energy costs over the next decade.