Examples of fuel switching at power plants resulting in GHG reductions

		Sources
• Following Calpine Energy's 2010 purchase of the Deepwater Energy Center in Pennsville, New Jersey, Calpine converted the 83 MW coal plant with natural gas and expanded the capacity of the plant to 158 MW. • In 2013, NRG successfully completed the repowering of a 16 MW coal unit with natural gas at its Energy Center Dover facility in Delaware. The facility is part of a broader combined heat and power facility in Delaware. The facility is part of a addition, NRG's Devon Repowering Project at the Devon plant in Milford, Connecticut replaced the existing oil-fired units with 200 MW of gas peaking units, reducing greenhouse gas emissions by 27 percent in the process. 12		IPPs
• Vineyard Municipal Electric Utility has retired coal units totaling 71 MW at the Howard Down generating station in New Jersey over the last decade. To make up for the loss in generation, Vineyard began operating a 64MW natural gas-fired combustion turbine on the site in 2012. ^{7,8}	• In October 2013, Dairyland Power Cooperative in Wisconsin announced the retirement one of its two remaining coal-fired units at its Alma plant. This follows the retirement of three other units at the plant in Howard Down 2011. These retirements are a step for Dairyland towards diversifying its resource mix and meeting its target to produce a 25 percent of its electricity from renewable sources by 2025, up from 12 percent today. Dairyland was recently honored at the 2014 White House Solar Summit for its efforts in expanding the use of solar generation. Currently there are 350 consumer-owned solar projects in the Dairyland system. • Vineyard More at the plant in Howard Down the loss in gen turbine on the expanding the use of solar generation. Currently there are 350 consumer-owned solar projects in the	Munis/Co-ops
Restructured States • Public Service of New Hampshire's Schiller Station includes three 50-megawatt boilers, two of which can burn coal or oil, and one that was converted in 2006 from coal to burn clean wood chips. The biomass unit generates enough energy to power 50,000 homes, reduces GHG emisisons from coal by 130,000 tons annually, provides a wood chip market for New Hampshire's forest industry, and creates renewable energy certificates to sell into the REC market.	ated States approved by the Colorado Public Utilities approved by the Colorado Public Utilities negawatts of coal-fired generation from 2012 to fired plant in 2015. The plan also calls for fuel Arapahoe plant, and another 352 MW unit at the 920 MW combined cycle gas-fired plant at its H.F. online to replace 382 MW in coal generating factored into the decision-making behind the Carolinas' Cape Fear plant and Robinson Unit 1.	snoi
	The state of the s	

- 1 Xcel Energy Press Release on their response to "Colorado's Clean Air Clean Jobs Act"
- 2 H.F. Lee plant description
- 3 Duke Energy press release on plant closure
- 4 Dairyland coal closure announcement
- 5 Press Release: "Dairyland Power Attending White House Solar Summit"
- 6 PSNH Schiller station overview
- 7 Article: "Vineland Municipal Electric Utility breaks ground for natural gas turbine"
- 8 capacity of retired coal plants from: Energy Information Agency: "Form EIA-860 detailed data"
- 9 Article: "NJ Coal Plants Face Cleanups and Closures"

Unit conversion and plant expansion confirmed using Energy Information Agency: "Form EIA-860 detailed

- 10 data"
- 11 NRG factsheet Devon
- 12 Press Release: "Repowered NRG Energy Center Dover Unveiled"

- http://www.xcelenergy.com/Environment/Doing Our Part/Clean Air Projects/Colorad
- http://www.duke-energy.com/power-plants/oil-gas-fired/hf-lee-cc.asp
- http://www.duke-energy.com/news/releases/2012072701.asp
- http://lacrossetribune.com/news/local/dairyland-to-shutter-remaining-boilers-at-alma-s
- http://www.dairynet.com/dcontent/article/WhiteHouseSolarSummit.pdf
- http://www.psnh.com/PlantsTerritory/Schiller-Station.aspx
- http://www.pressofatlanticcity.com/news/press/cumberland/vineland-municipal-electr
- http://www.eia.gov/electricity/data/eia860/

http://www.njspotlight.com/stories/10/0710/1451/

- http://www.eia.gov/electricity/data/eia860/
- http://www.nrgenergy.com/pdf/factsheets/factsheet_devon.pdf
- http://www.dnrec.delaware.gov/News/Pages/Repowered-NRG-Energy-Center-Dover-U