

Essentials of Energy
April 28, 2005

Electricity 101

Generation—Transmission—Distribution

What they are

How much do they cost as part of your electricity bill

Breaking down the cost of generation

What do different resources cost and why

Introduction p. 239 and 5th Power Plan overview—pp.14-16

[http://www.nwcouncil.org/energy/powerplan/draftplan/\(00\)Final Overview \(PP\).pdf](http://www.nwcouncil.org/energy/powerplan/draftplan/(00)Final%20Overview%20(PP).pdf)

conservation/curtailment/efficiency/demand response

Restructuring

What is it?

Wholesale v. resale

Why?

Policies:

PUHCA

PURPA

FERC

Energy Policy Act of 1992

FERC order 888

RTOs

Is it working?

Around the US

Retail: big industrials vs. residential

Around the world

Cato Institute: Rethinking Restructuring

http://www.cato.org/pub_display.php?pub_id=2609http://www.cato.org/pub_display.php?pub_id=2609

Next Week:

In addition to readings on the syllabus,

Pew Climate Center, Policy Briefs

http://www.pewclimate.org/policy_center/policy_reports_and_analysis/