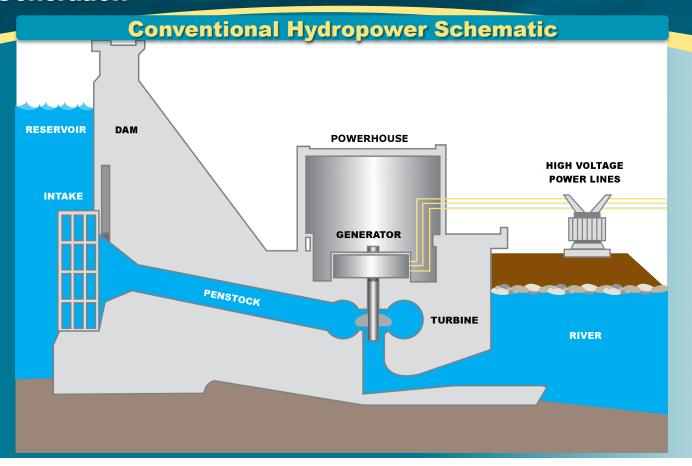




Conventional Hydropower:

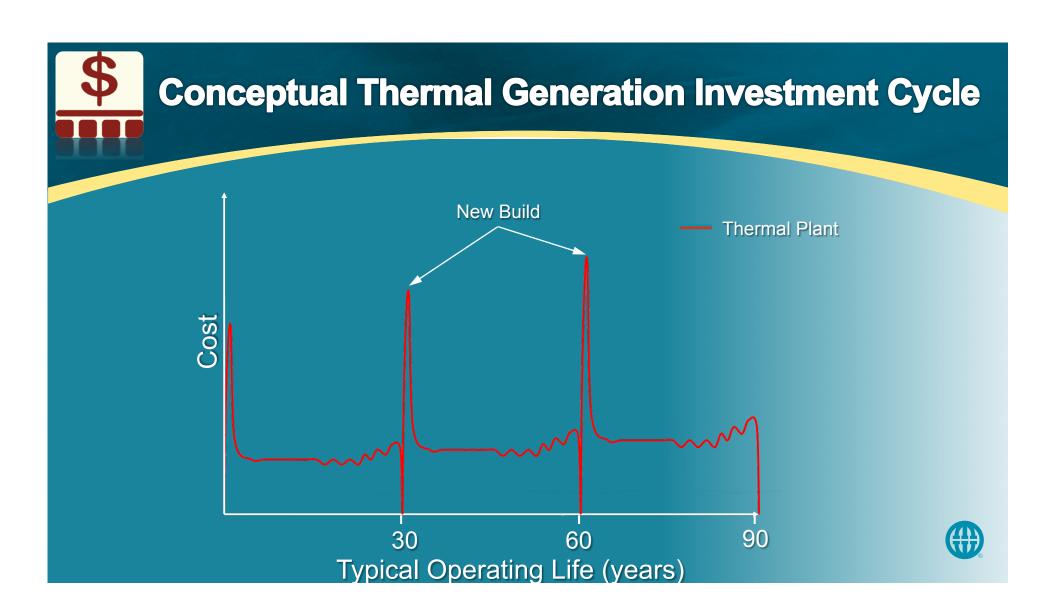
Power Generation

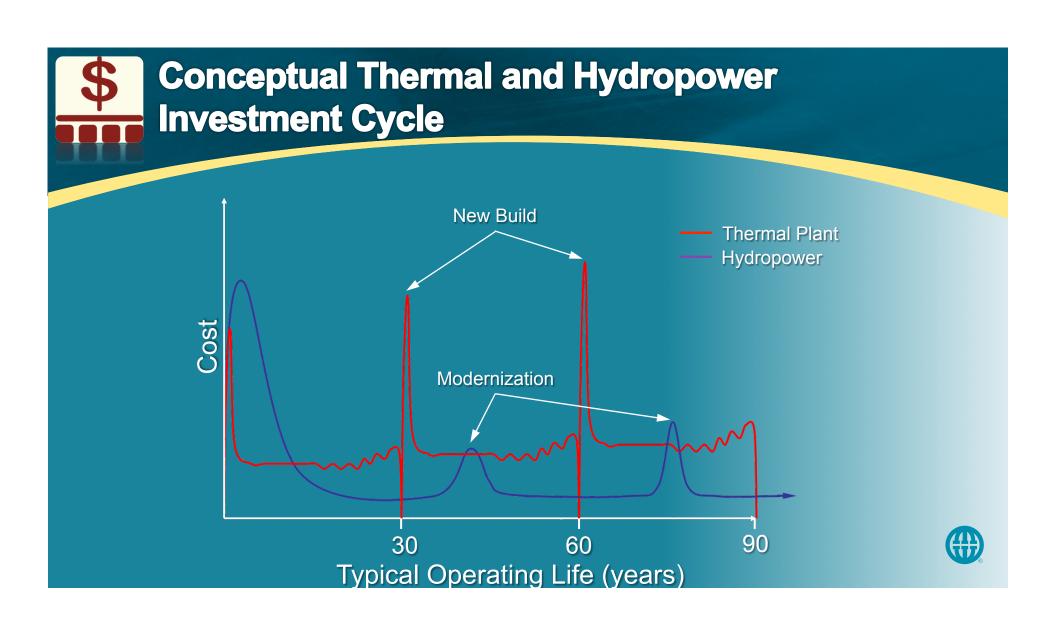






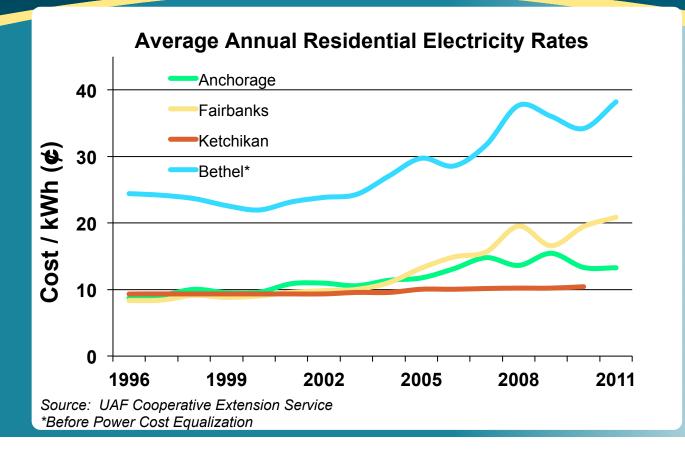








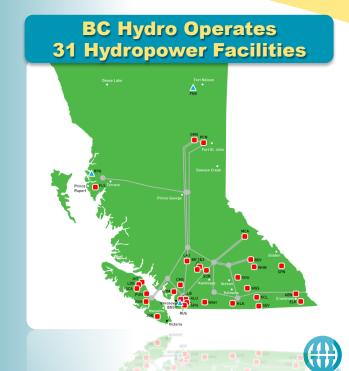
Affordable Hydropower Southeast Alaska Example







- Hydropower grew tremendously beginning in 1960s, supporting:
 - paper & pulp
 - chemical
 - primary metal
 - forestry
- Supports current and future economic growth
- 31 Facilities generate over 10,000 MW





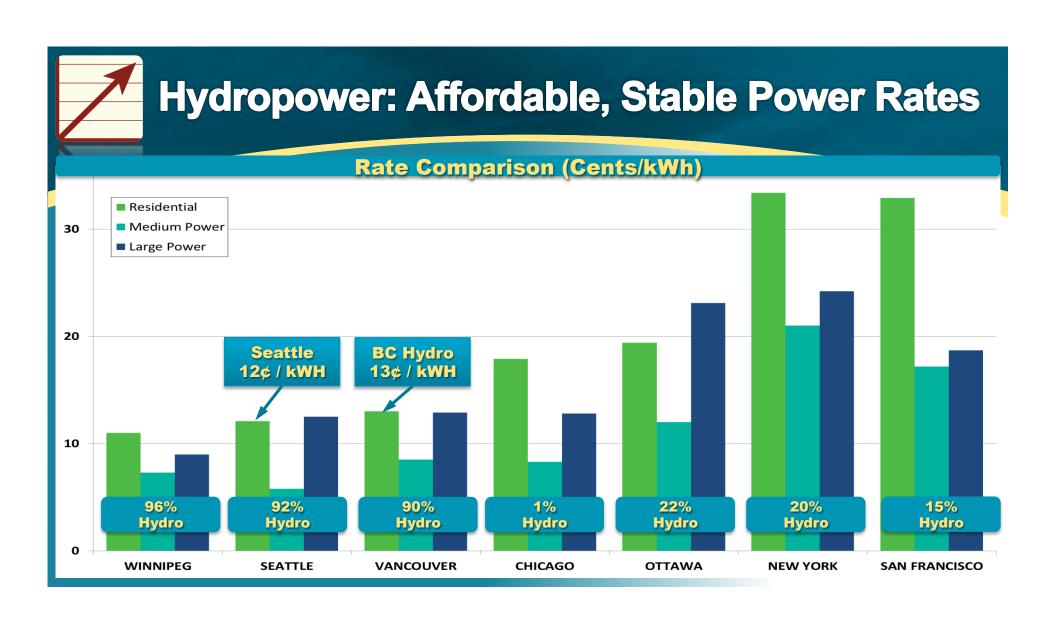
Bonneville Power Authority Powering the Northwest... and the Southwest

- 13 Hydro facilities
- Largest supplier of power in Pacific Northwest
- Wholesale power rates 3-7 cents per kWh
- Does not rely on federal appropriations
- In 2012, BPA's vision is to be an engine of the Northwest's economic prosperity and environmental sustainability by providing:
 - High reliability;
 - Low rates consistent with sound business principles;
 - · Responsible environmental stewardship; and
 - Accountability to the region.
- 22,060 MW
- Vital for integration of Wind and solar resources in region

BPA Operates 13 Hydropower Facilities

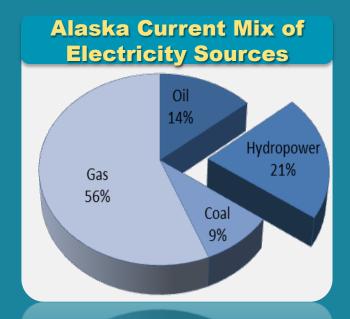








Alaska's Energy Portfolio Shifting towards Renewables









Hydropower is the Lowest Cost Renewable and with Large Scale Potential

