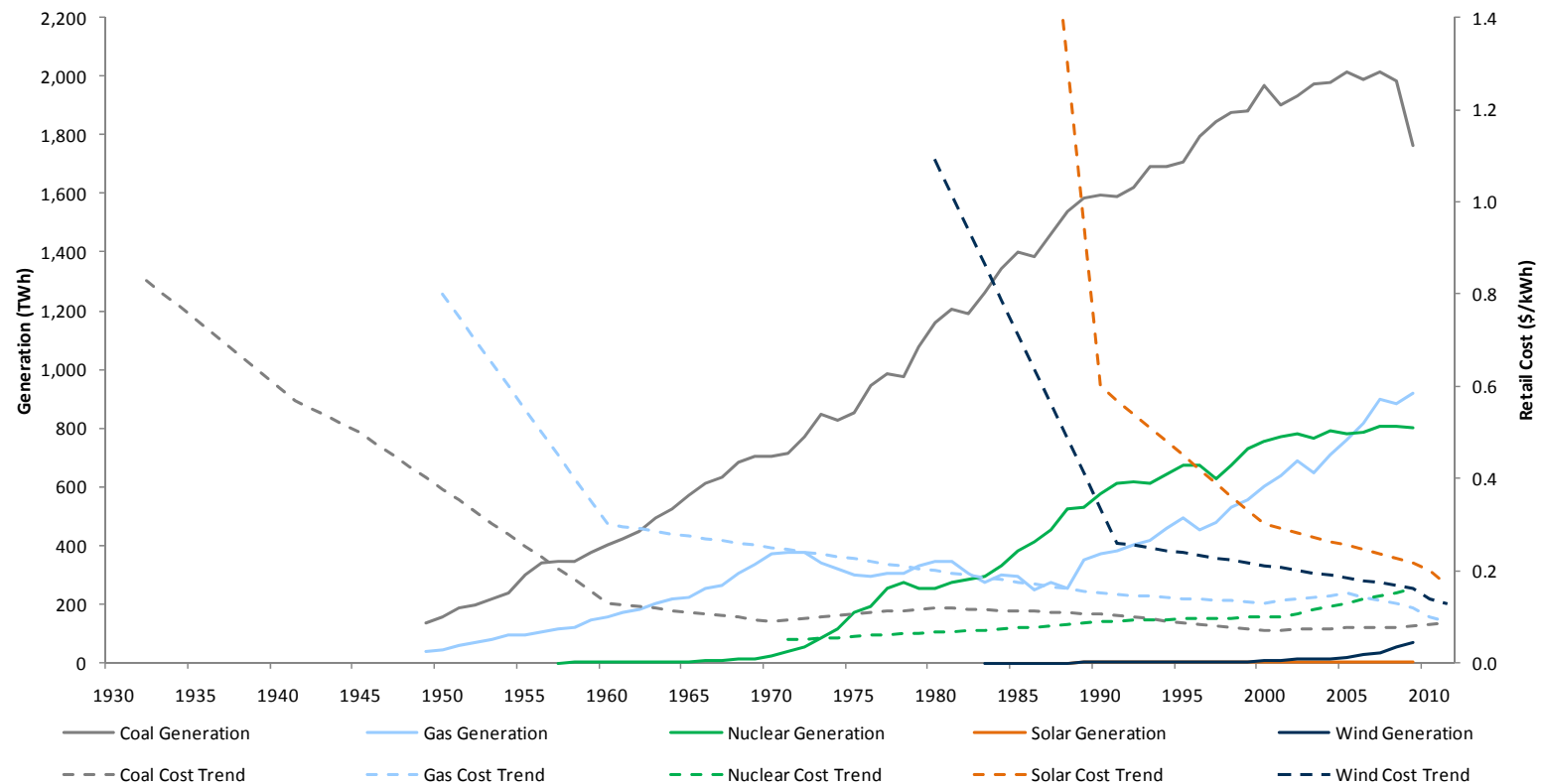


# Clean Energy Moves Toward Grid Parity

- Conventional sources of electricity generation have started out at very high cost and have only achieved cost reduction with economies of scale
- Coal, Natural Gas, and Nuclear have required massive achievements in scale in order to achieve current favorable cost structures
- Solar and Wind, by contrast, are continuing to experience significant improvements in their cost structure with small increases in scale
- The rapid reductions in clean energy's cost structures are projected to continue and will bring these technologies to grid or retail parity over time
- Solar and Wind, w/o subsidies, are still somewhat more expensive than fossil generation and require interim subsidies until adequate scale is reached

**U.S. Electricity Generation and Retail Cost by Energy Source  
1930 – 2010**



Sources: EIA, MIT, American Energy Independence; NREL; Cooper; Hudson estimates.