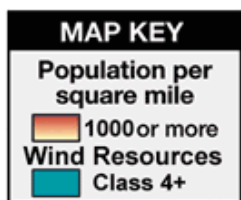
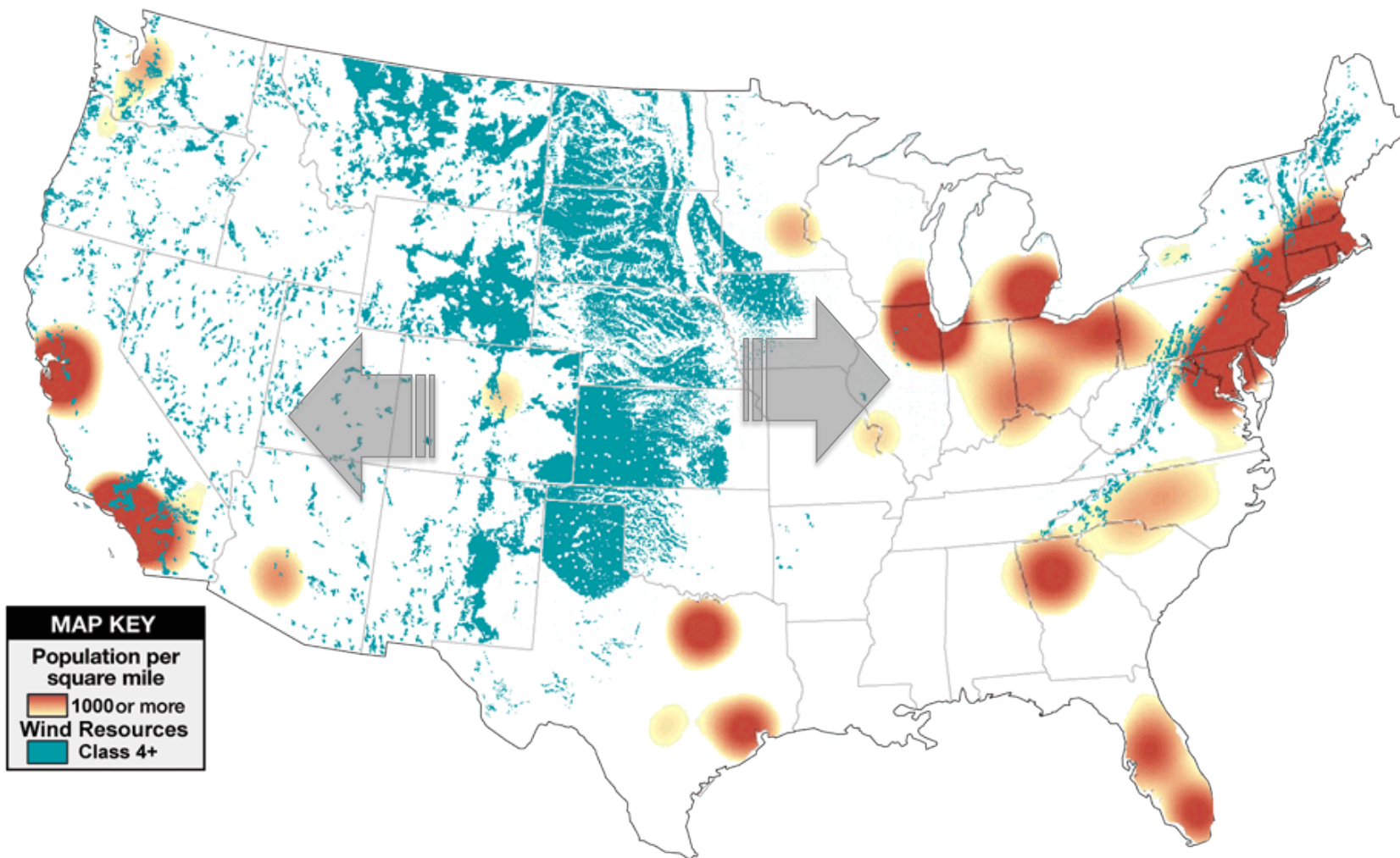
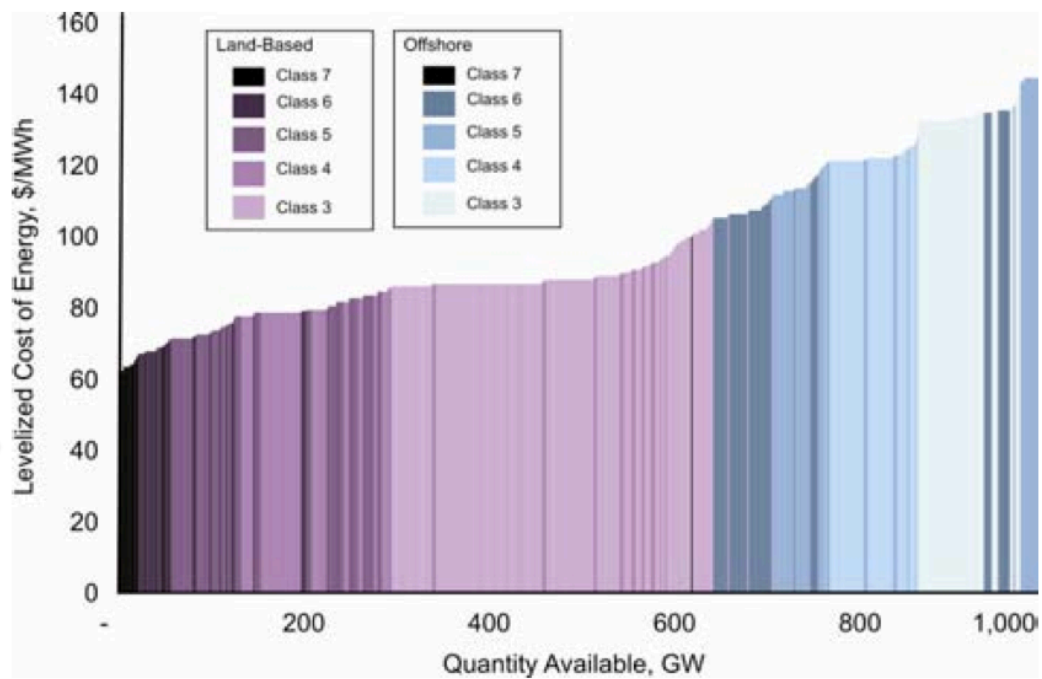
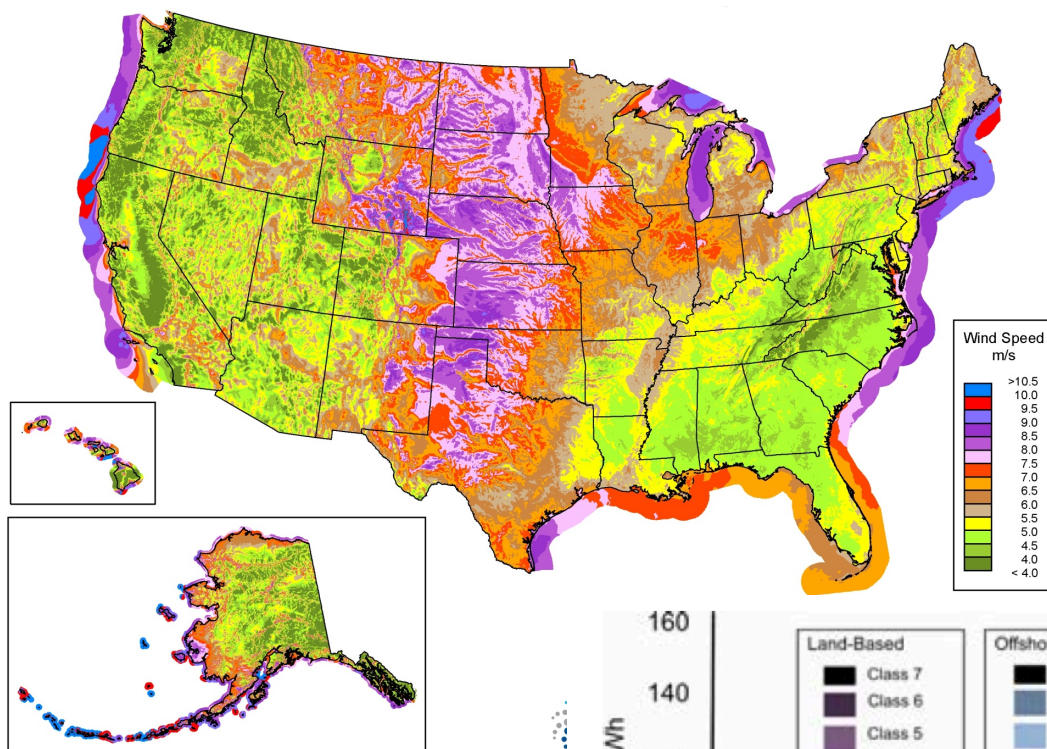


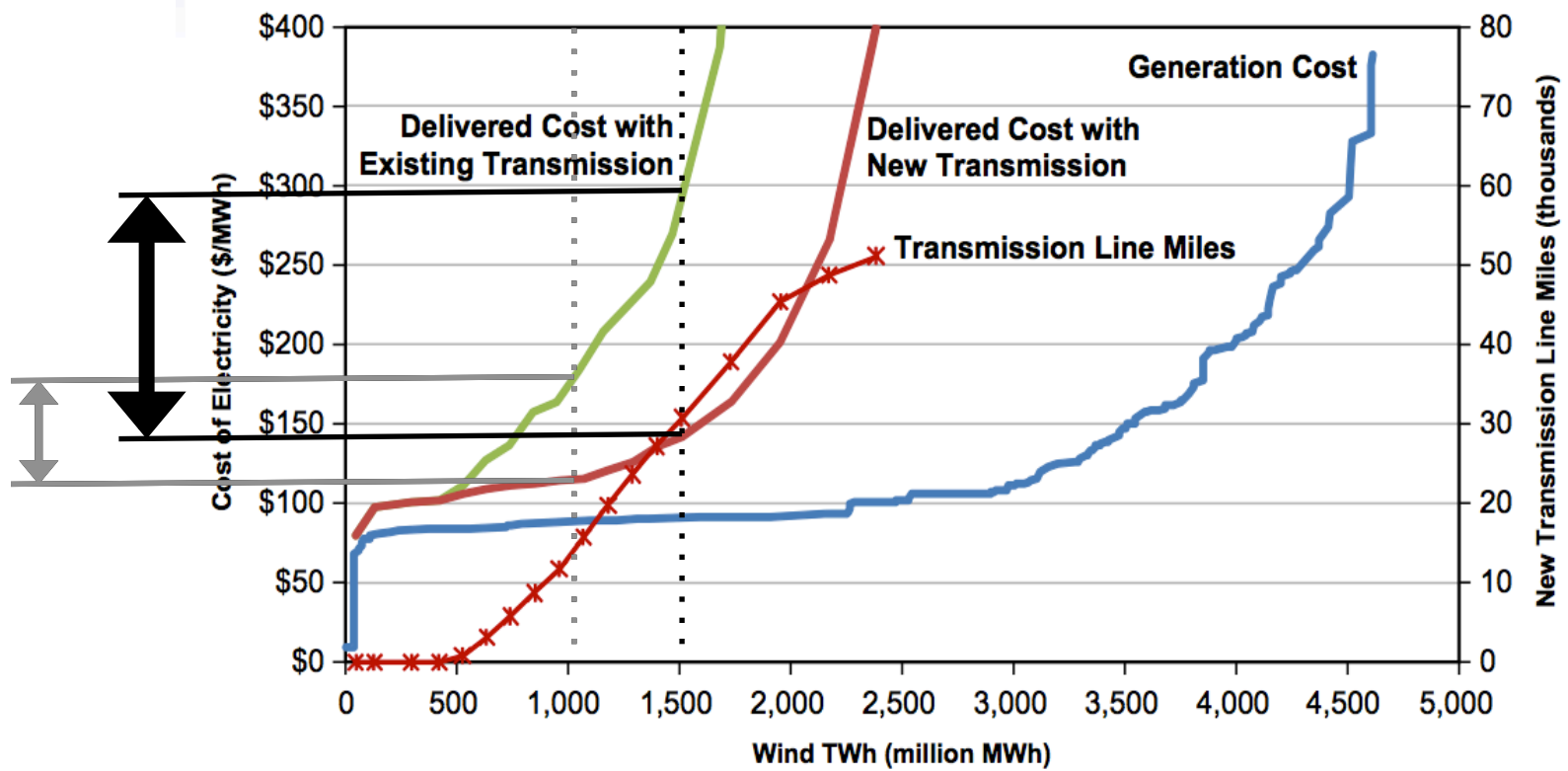
Ohio Clean Energy Transmission Summit :: 6 August 2012

Samir Succar :: Natural Resources Defense Council :: ssuccar@nrdc.org

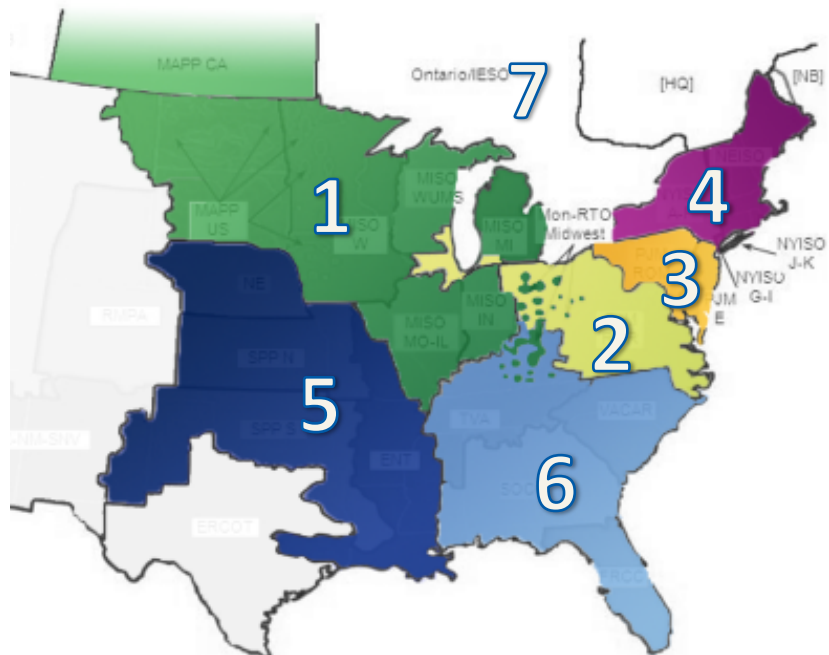
THE ROLE OF TRANSMISSION IN DEVELOPING NEW ENERGY RESOURCES



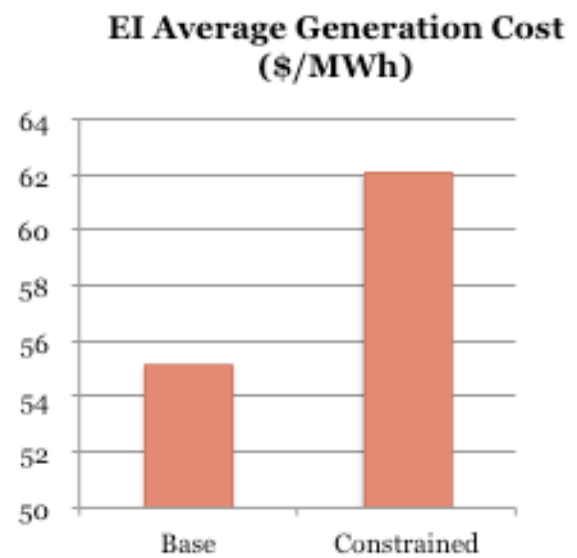




EPRI, 2010

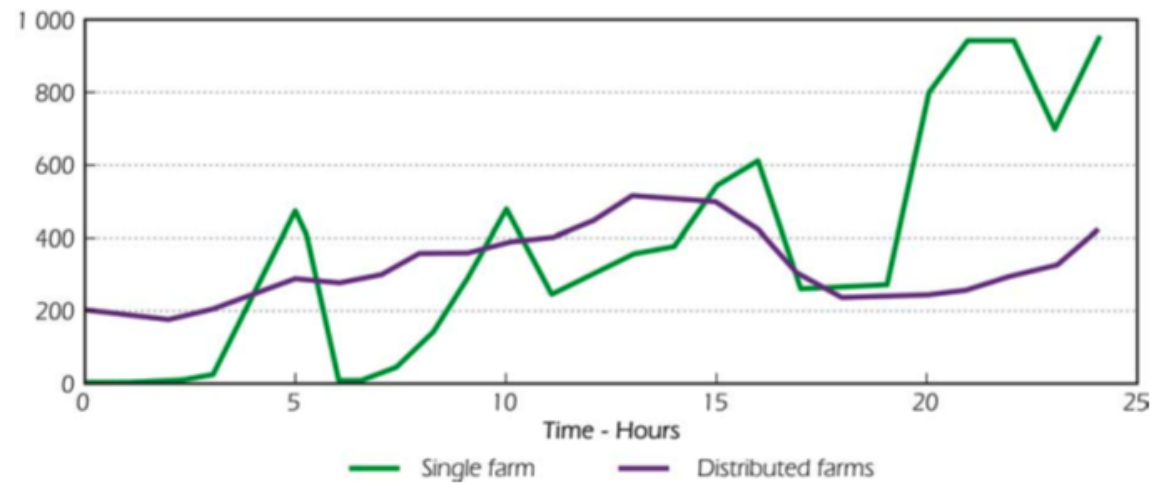


30% RPS in the Eastern Interconnection (EIPC)



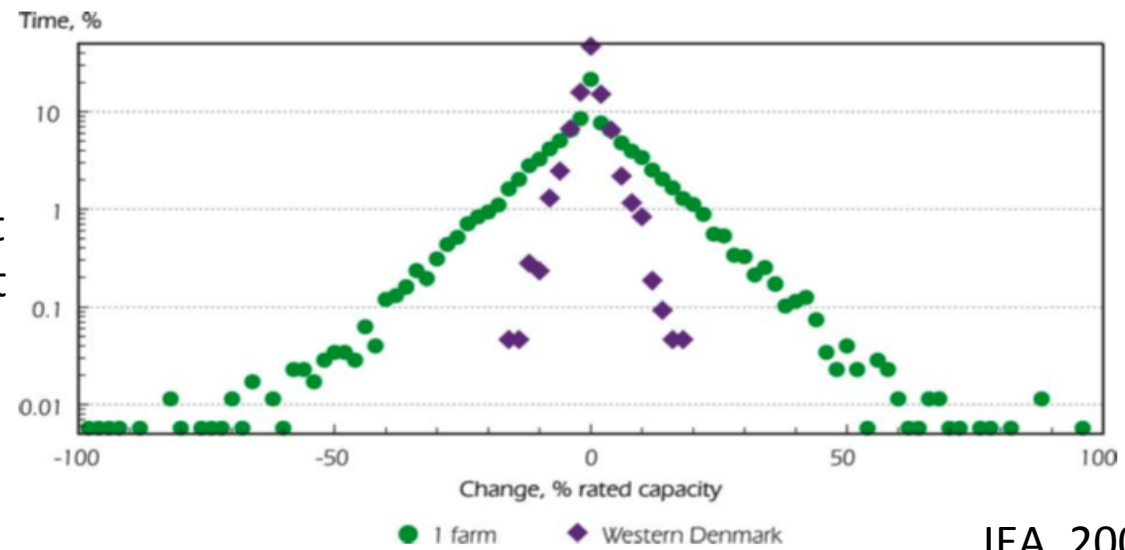
Δ Total Cost: \$82-93 Billion

Wind output, MW

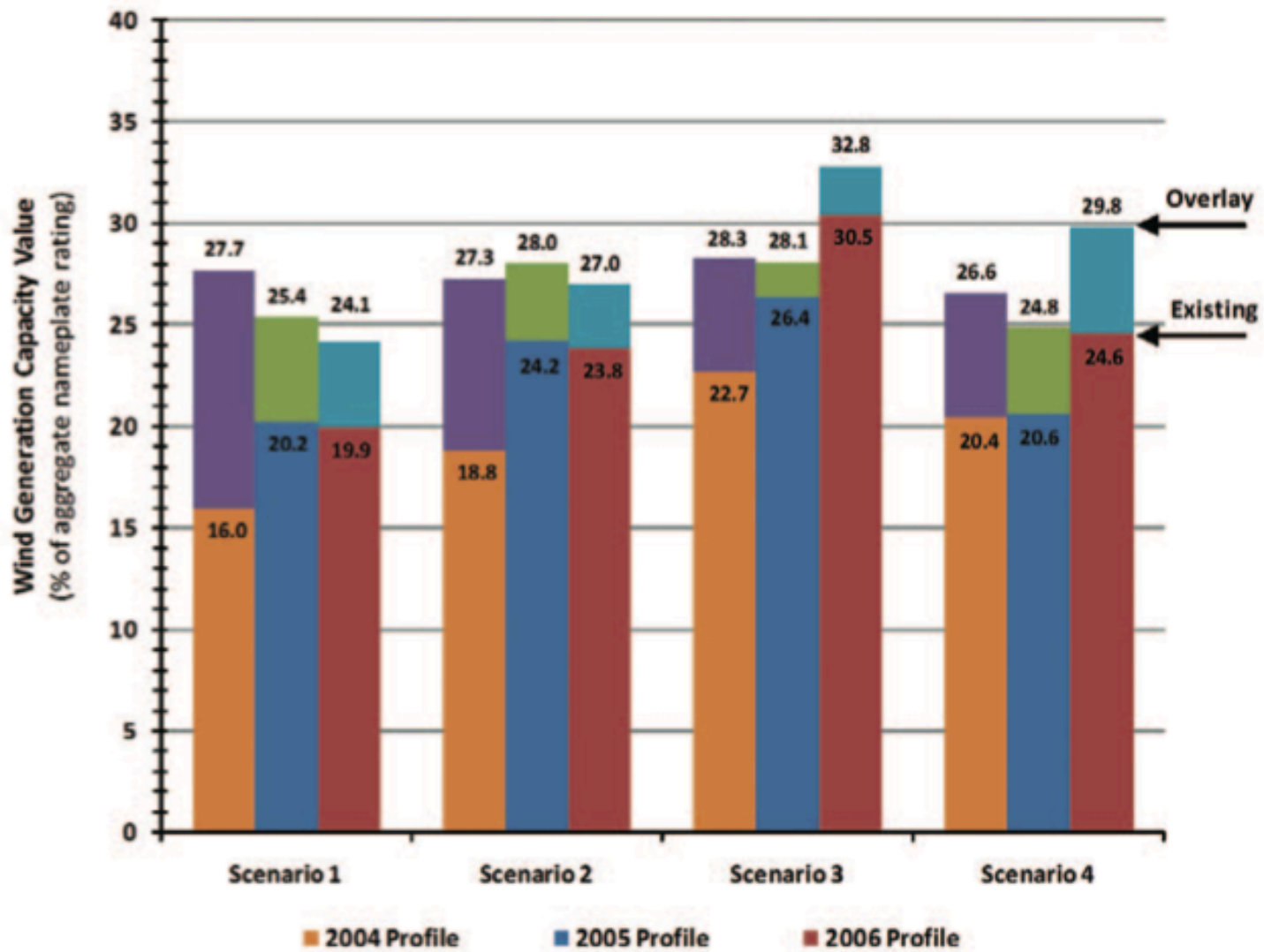


Smoothing through
resource interconnection

More consistent
power output



IEA, 2005



NREL 2010

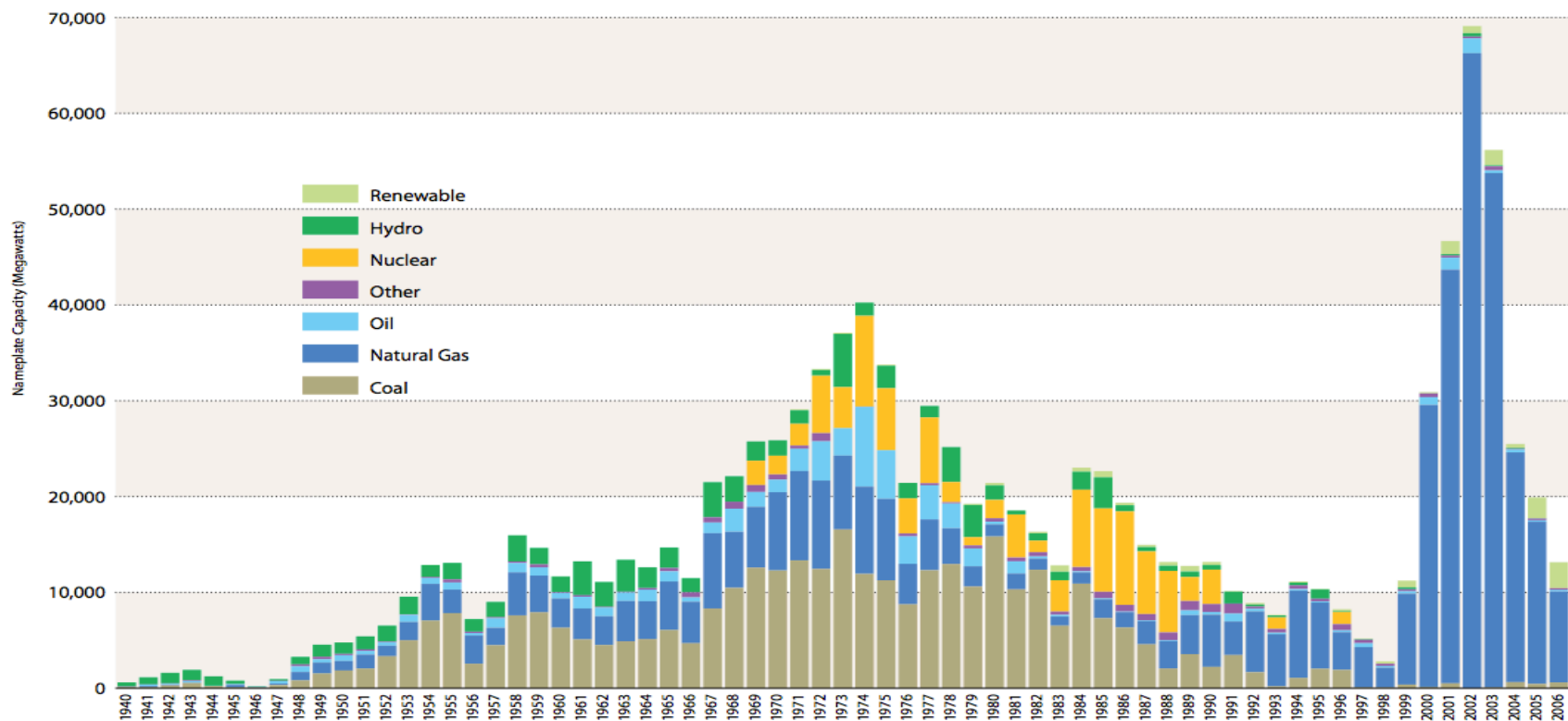
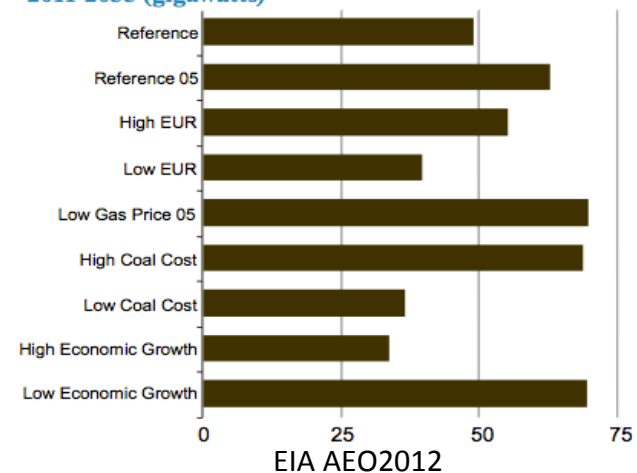


Figure 5. Cumulative retirements of coal-fired generating capacity by NERC region in nine cases, 2011-2035 (gigawatts)



Coal Retirements:

EIA: 27GW by 2016 already announced

(Generator's Report July 2012)

ICF 50GW coal by 2016 (July 2012)

Wood MacKenzie 79 GW coal by 2033 (June 2012)