

Trends in Utility Scale Renewable Electricity



for

ReTech 2012

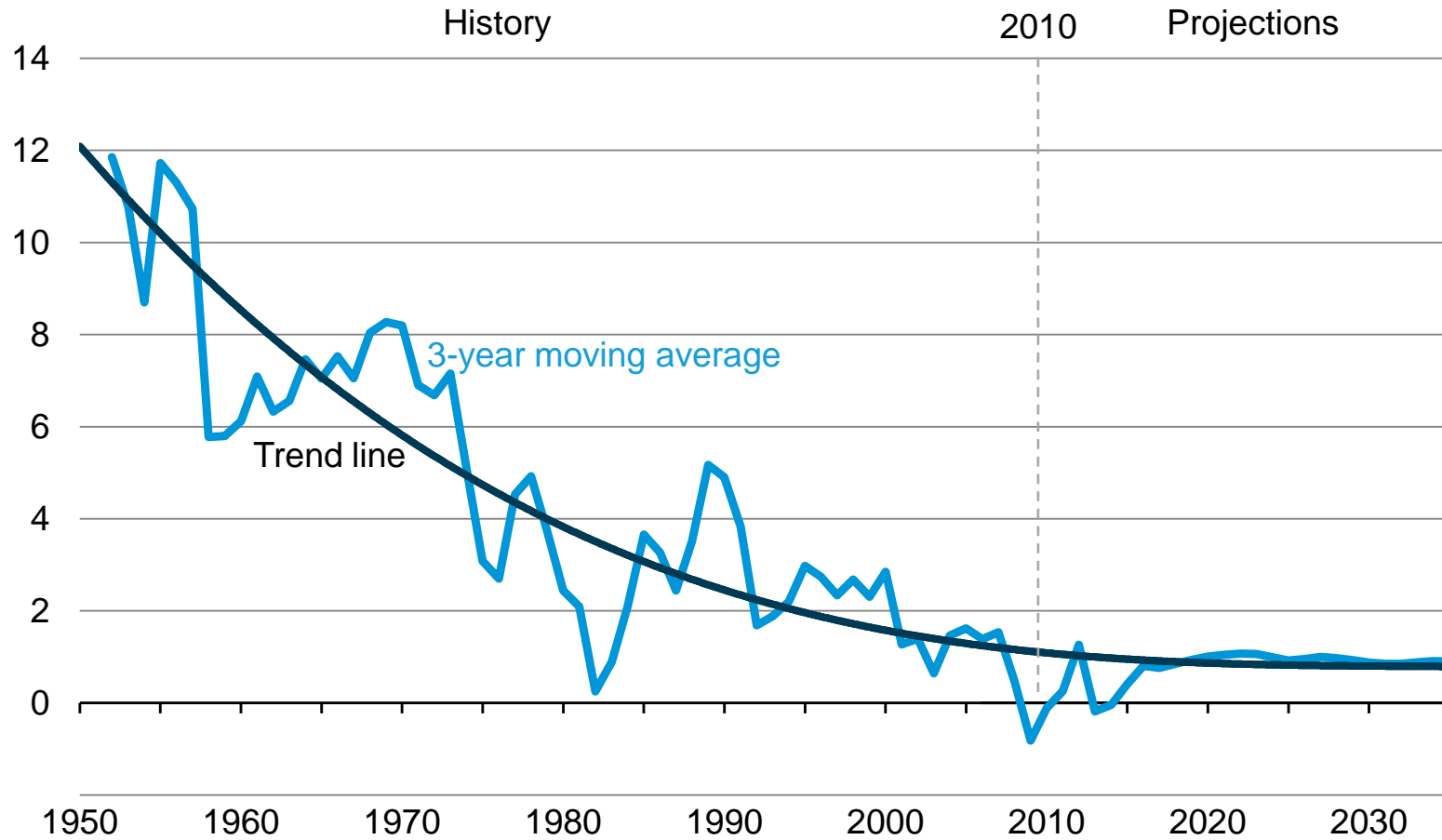
October 17, 2012/ Washington, D.C.

by

Adam Sieminski, Administrator

U.S. electricity demand growth, 1950-2035

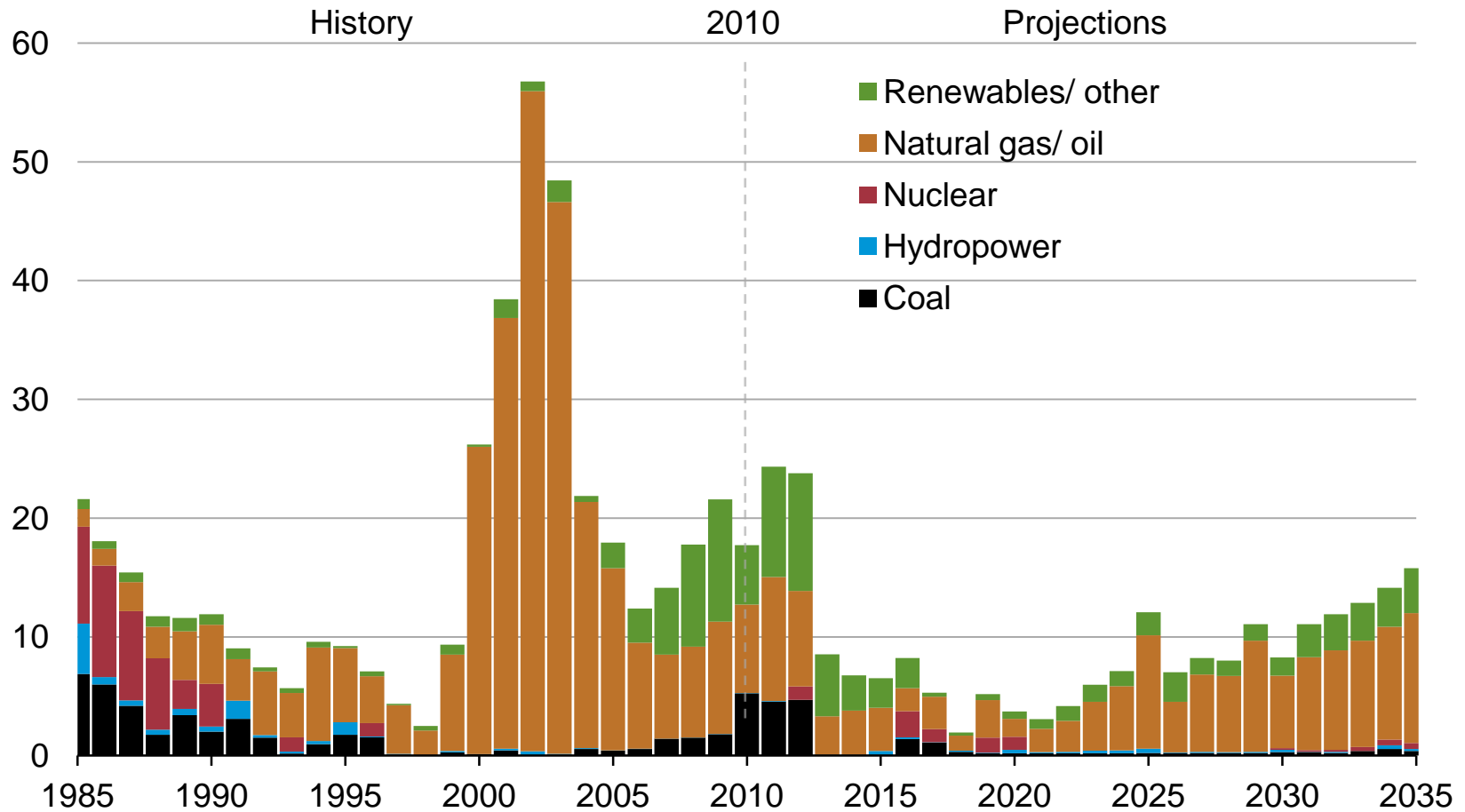
percent, 3-year moving average



Source: EIA, Annual Energy Outlook 2012

Additions to electricity generation capacity, 1985-2035

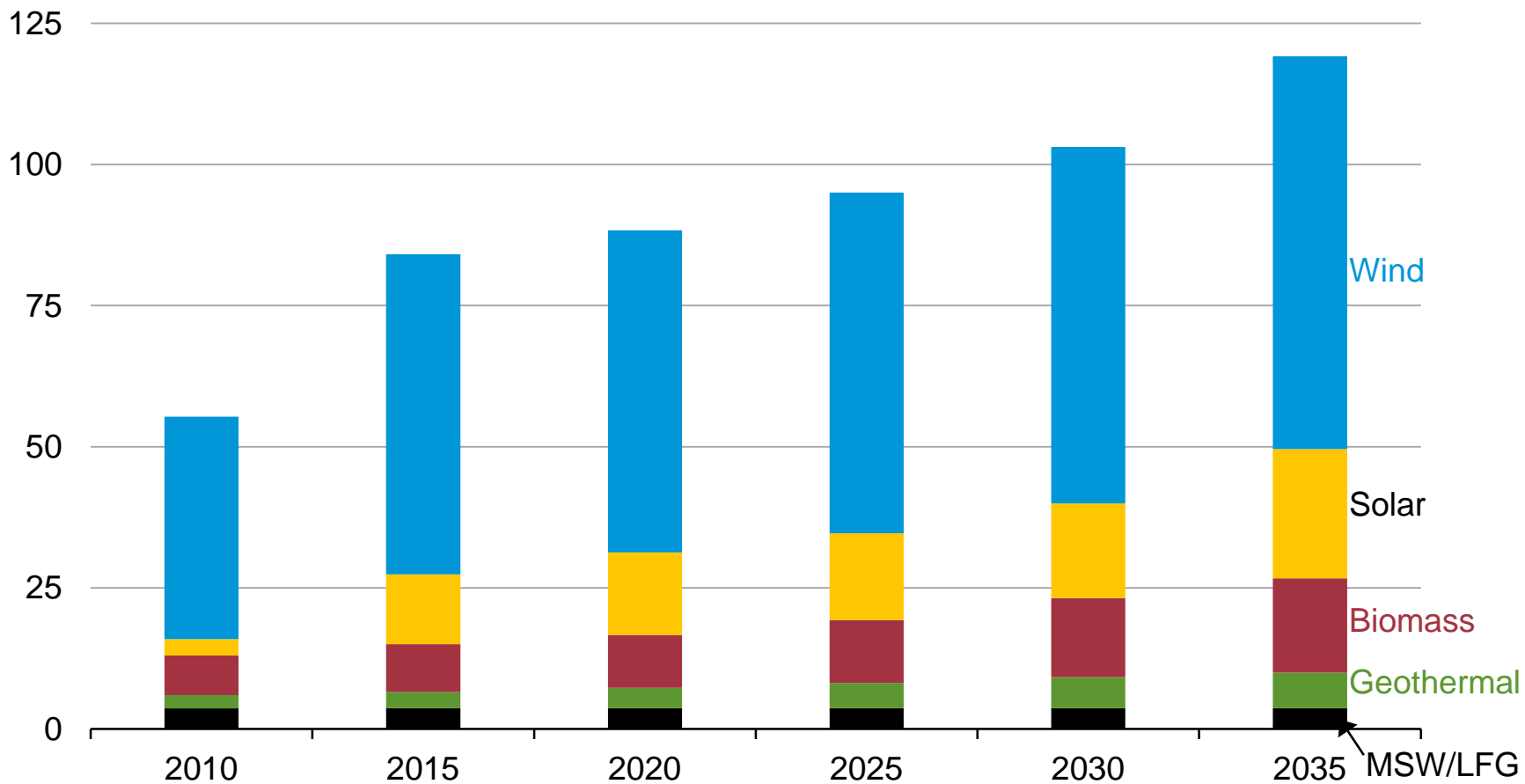
*U.S. electricity generation capacity additions
gigawatts*



Source: EIA, Annual Energy Outlook 2012

Nonhydropower renewable electricity generation capacity by energy source, including end-use capacity, 2010-2035

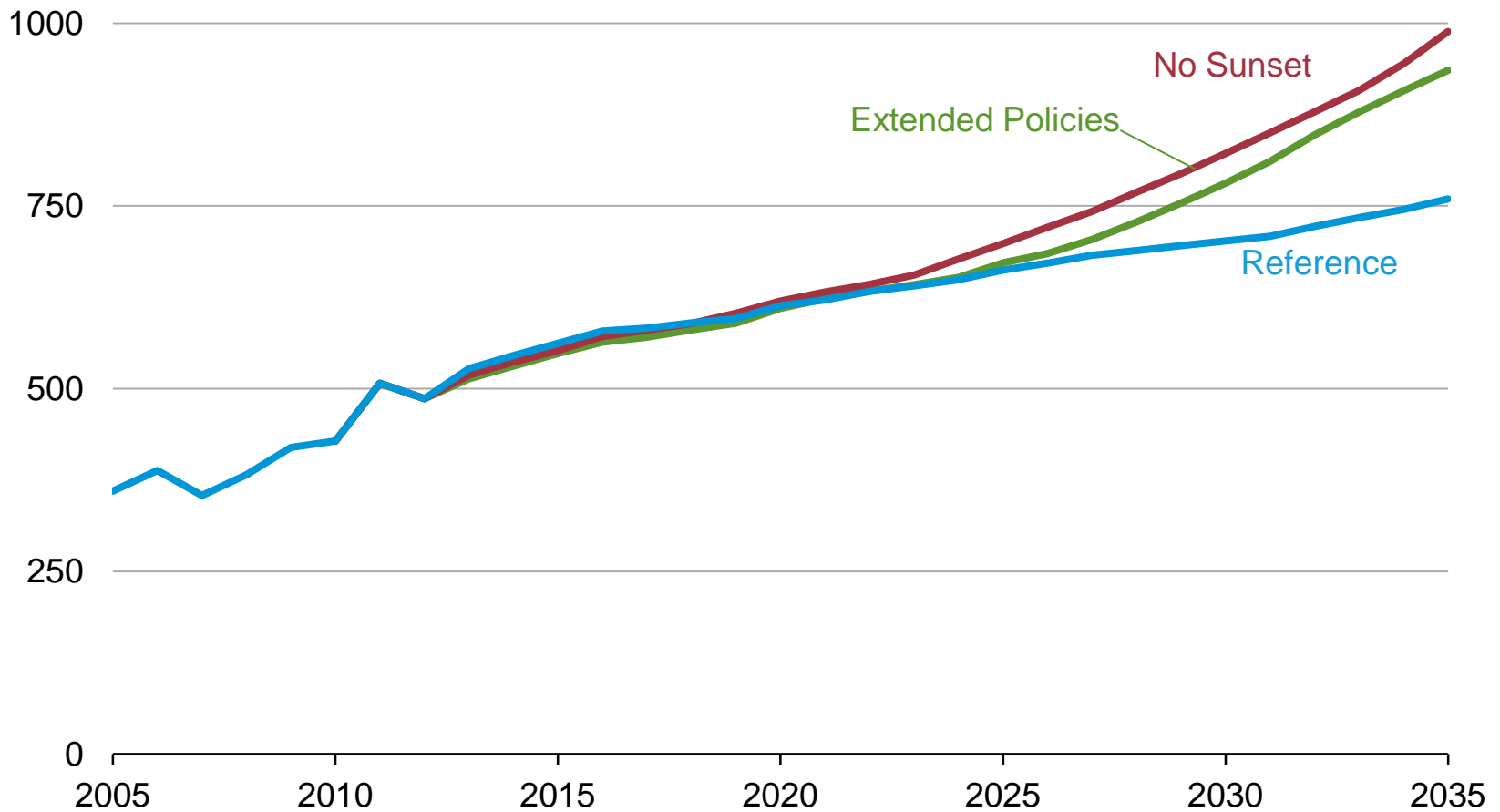
*U.S. electricity generation capacity
gigawatts*



Source: EIA, Annual Energy Outlook 2012

Renewable electricity generation in three cases, 2005-2035

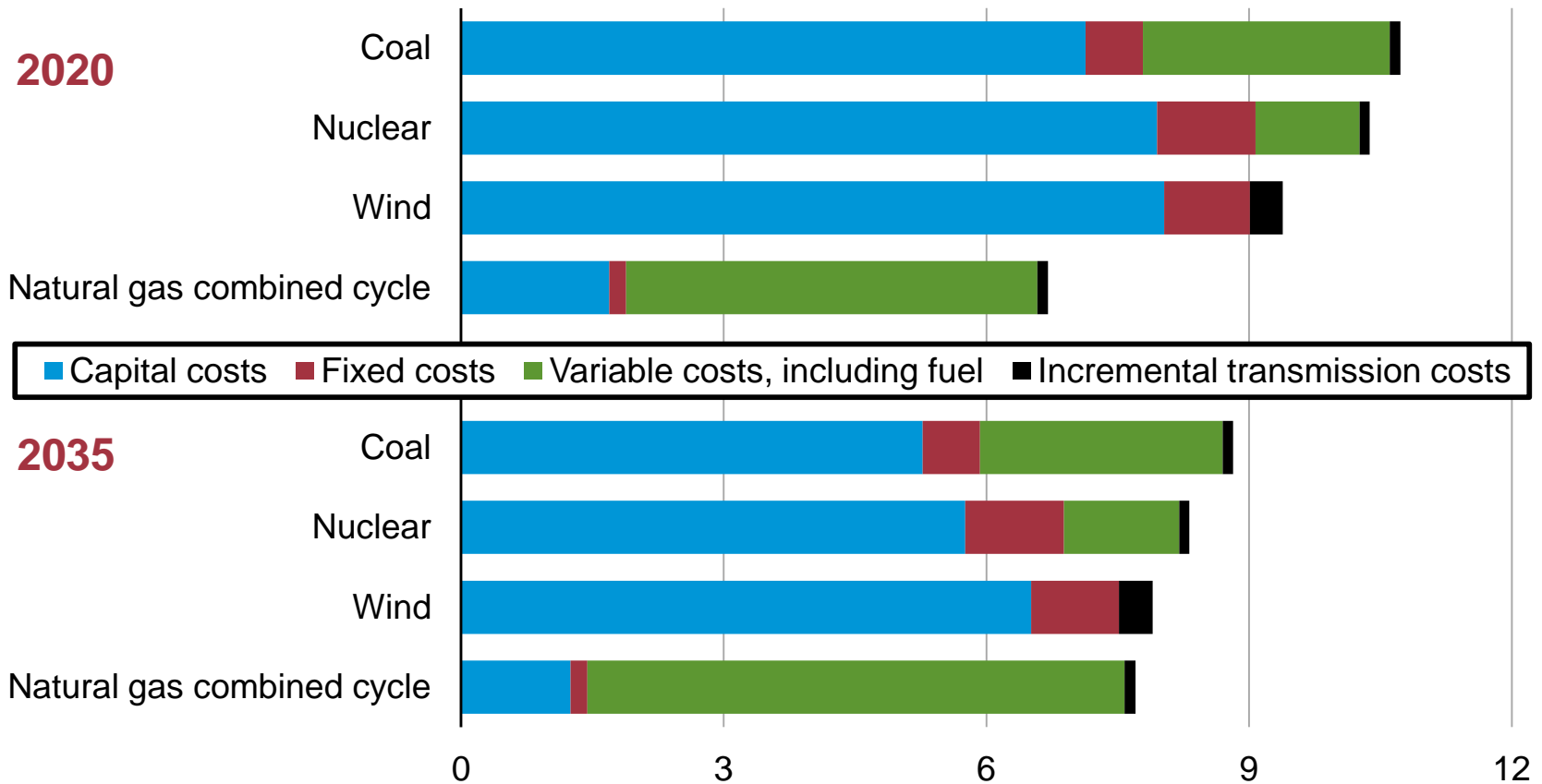
*U.S. electricity generation
billion kilowatthours*



Source: EIA, Annual Energy Outlook 2012

Levelized electricity costs for new power plants, excluding subsidies, 2020 and 2035

*costs for new U.S. electricity power plants
2010 cents per kilowatthour*



Source: EIA, Annual Energy Outlook 2012

For more information

U.S. Energy Information Administration home page / www.eia.gov

Short-Term Energy Outlook / www.eia.gov/steo

Annual Energy Outlook / www.eia.gov/aeo

International Energy Outlook / www.eia.gov/ieo

Monthly Energy Review / www.eia.gov/mer

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