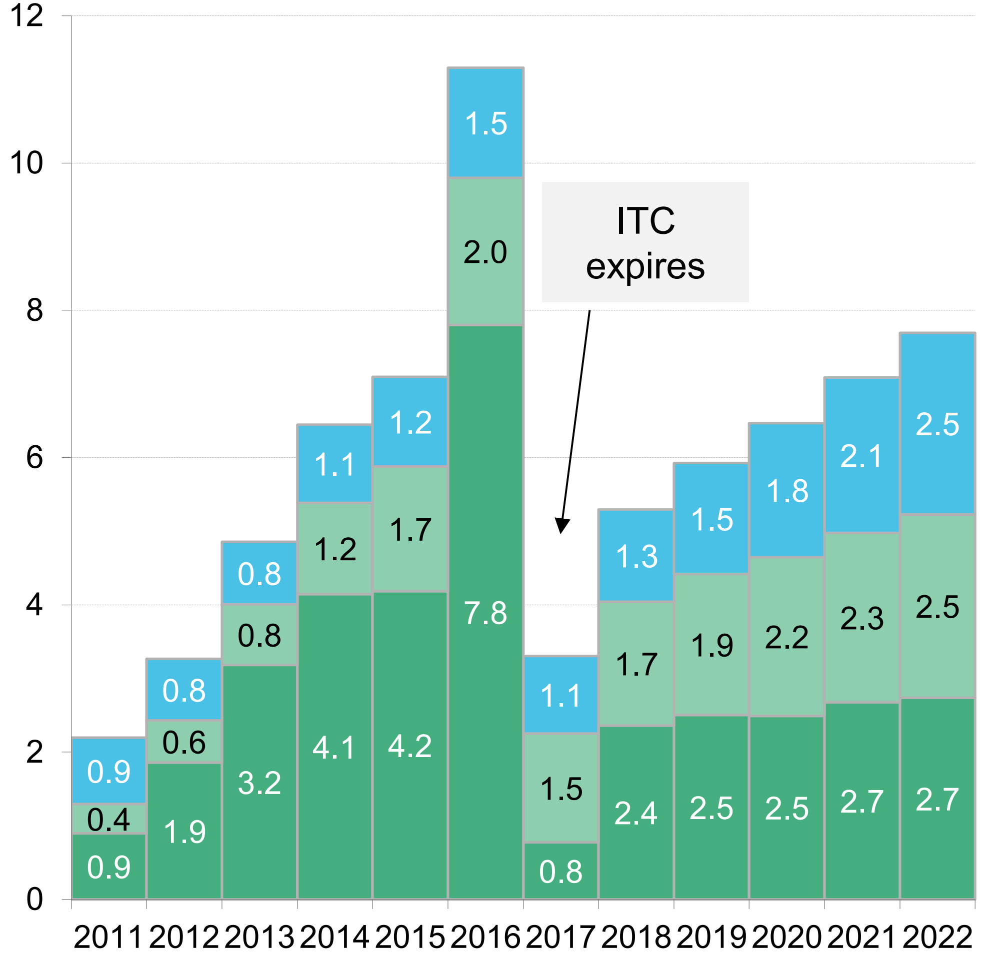
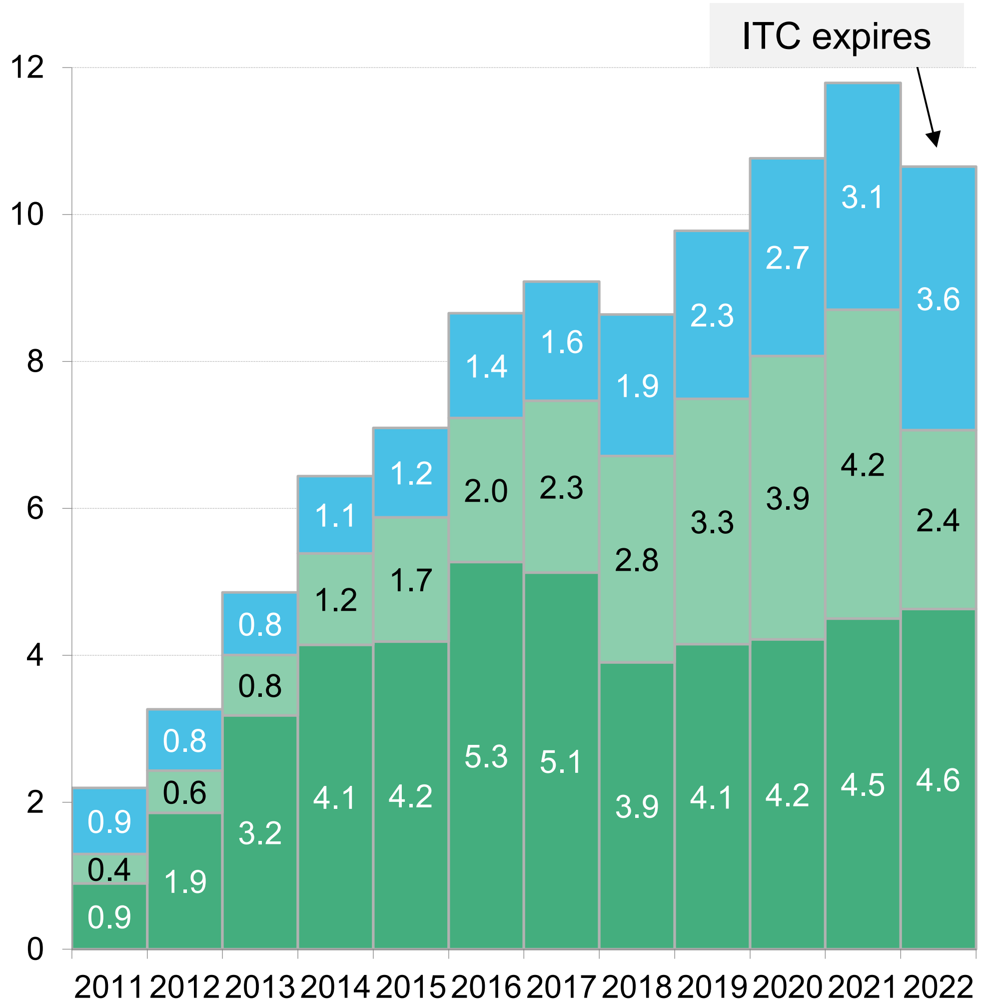
THE IMPACT OF THE ITC EXTENSION ON US SOLAR

Bloomberg NEW ENERGY FINANCE

POLICY AS USUAL – NEW BUILD (GW)



ITC EXTENSION – NEW BUILD (GW)



Utility Residential Commercial and industrial

Notes: 'ITC extension' scenario considers a 5-yr extension to both the personal and business investment tax credits, and 'commence construction' language added to the business credit.

Source: Bloomberg New Energy Finance, EIA 826, 860 and 861

4-TIMES OR 5-TIMES MORE SOLAR IN 8 YEARS?

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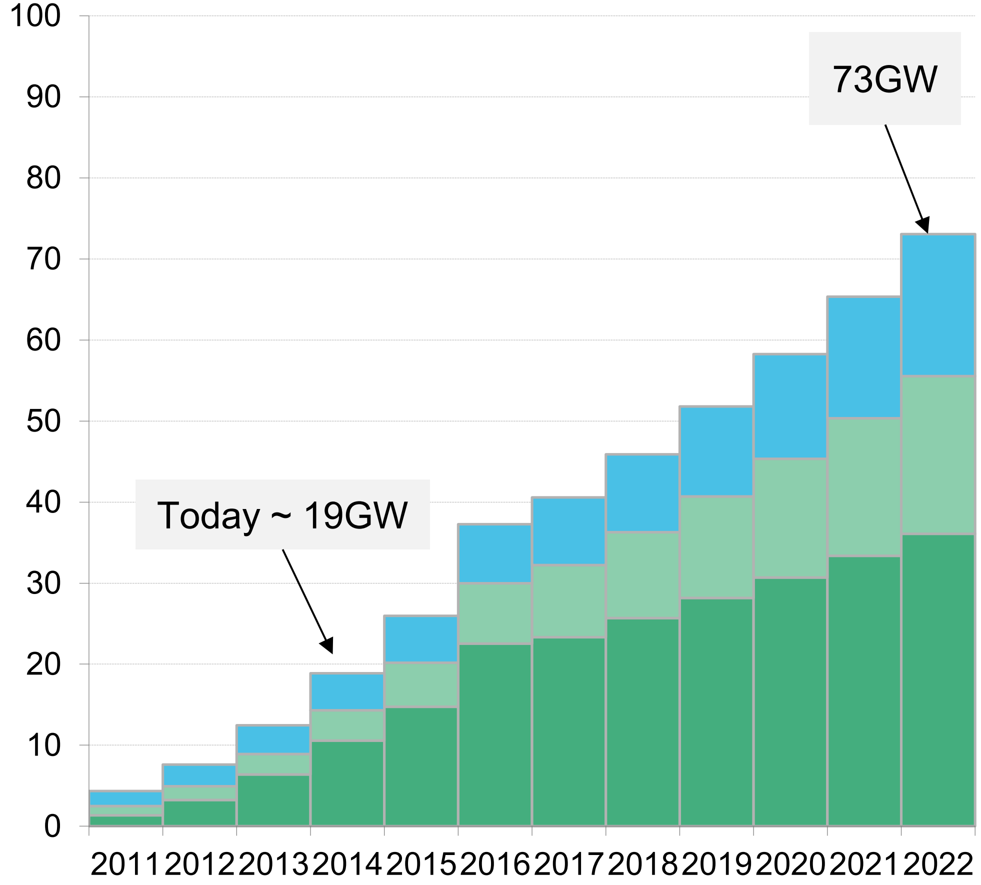
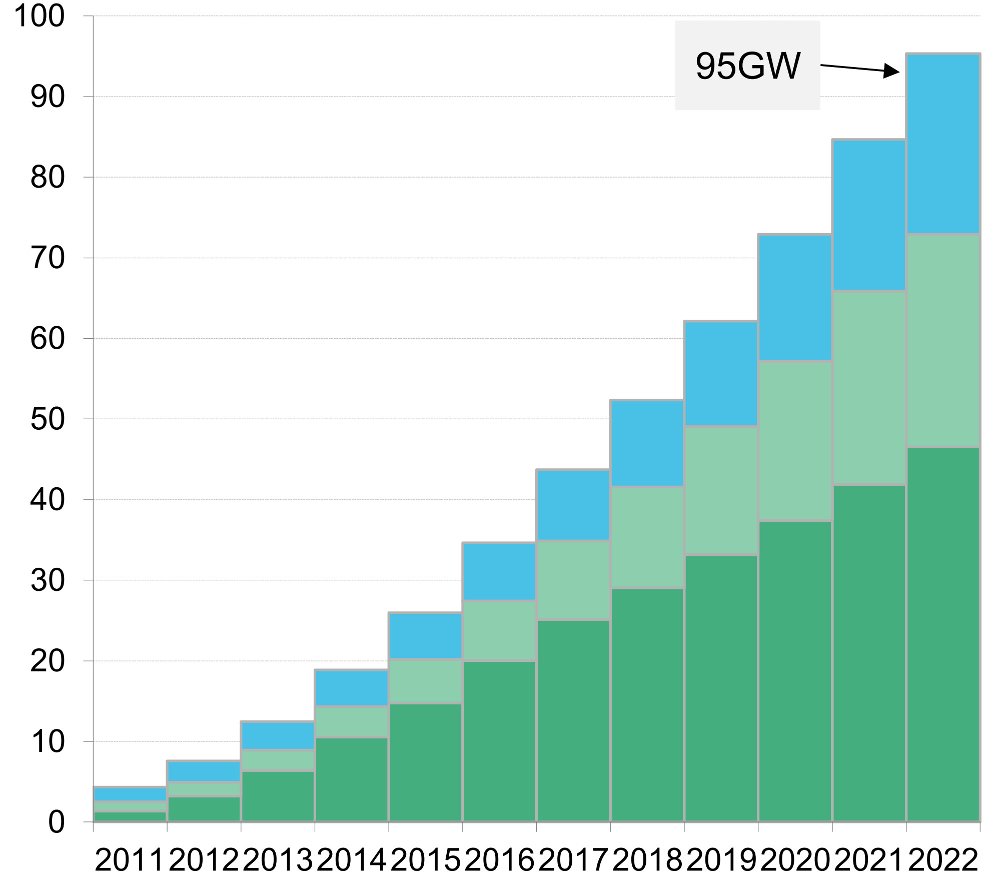
A five-year ITC extension (with commence construction language added to the business credit) adds 22GW of additional capacity by 2022.

POLICY AS USUAL – CUMULATIVE CAPACITY (GW)



ITC EXTENSION – CUMULATIVE CAPACITY (GW)



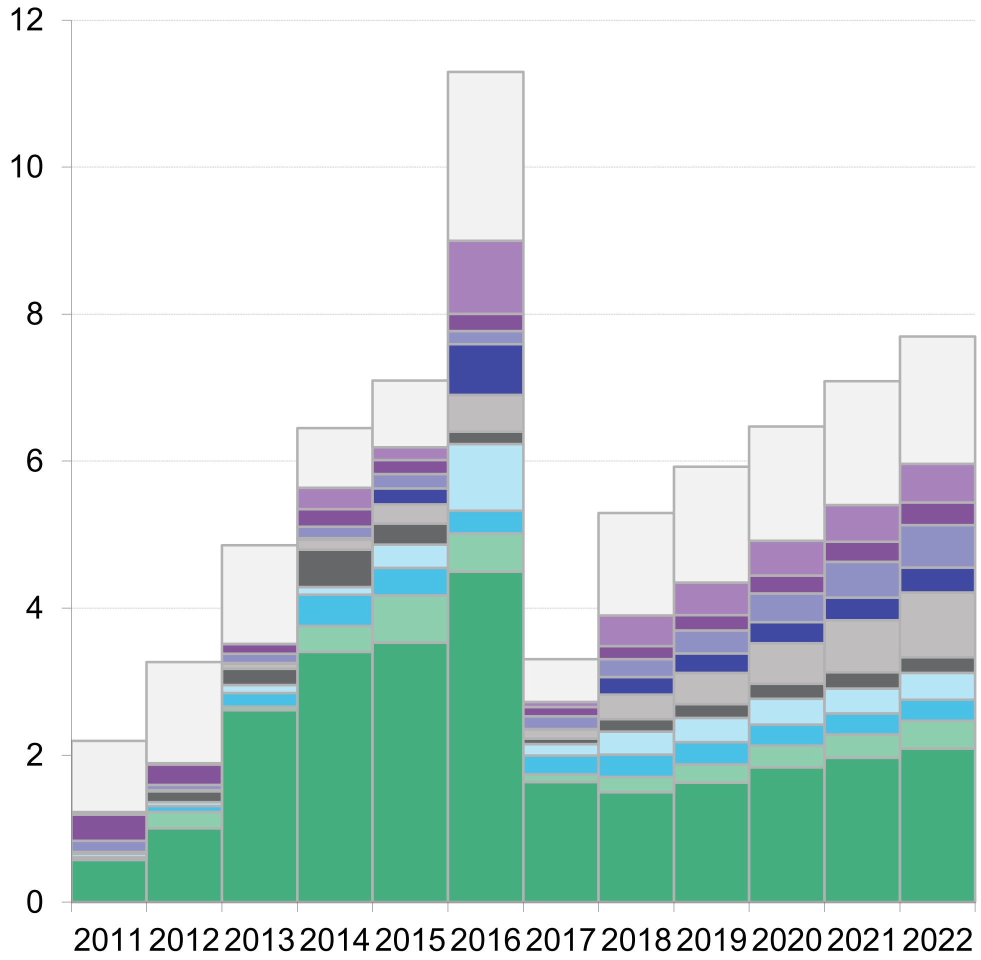
Utility Residential Commercial and industrial

Notes: 'ITC extension' scenario considers a 5-yr extension to both the personal and business investment tax credits, and 'commence construction' language added to the business credit.

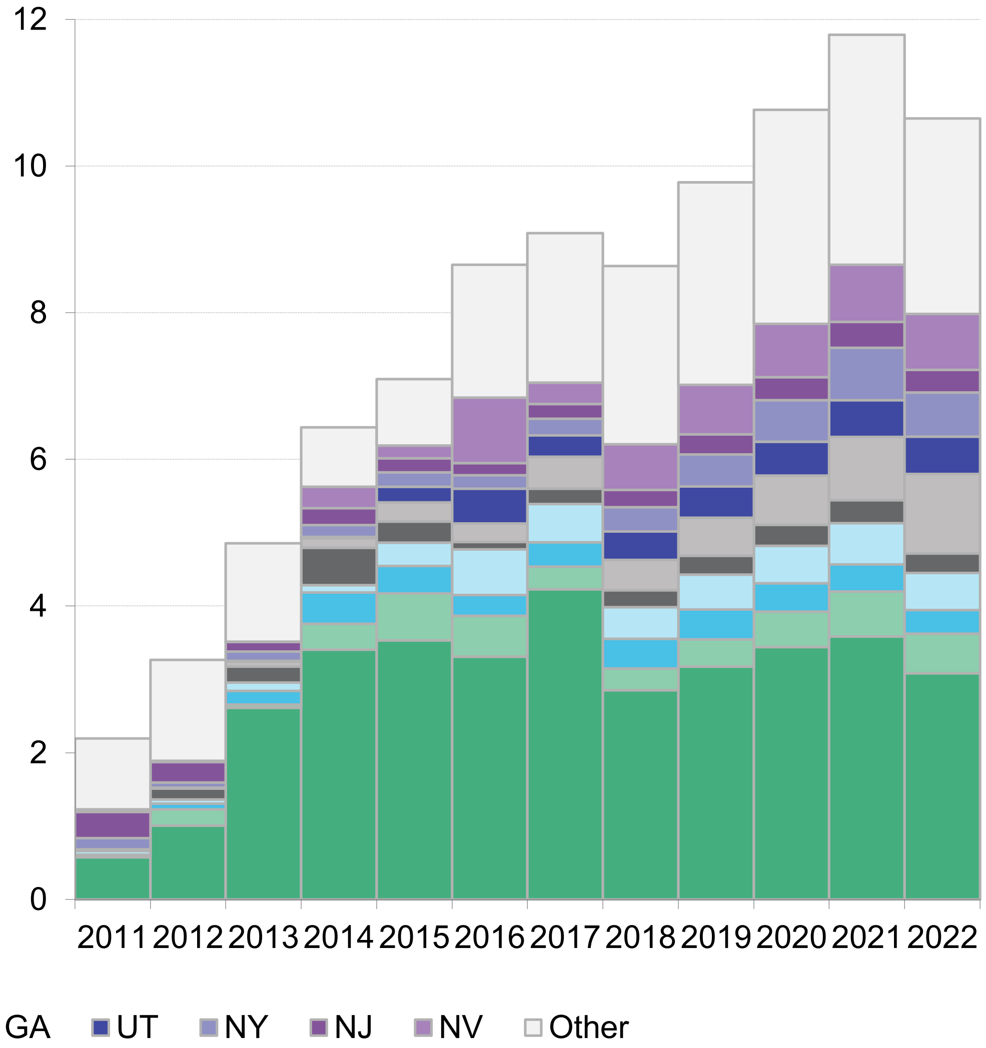
Source: Bloomberg New Energy Finance, EIA 826, 860 and 861

NATIONAL BUILD FORECAST BY STATE (GW)

POLICY AS USUAL



ITC EXTENSION



Source: Bloomberg New Energy Finance, EIA

UTILITY-SCALE BUILD FORECAST BY STATE (GW)

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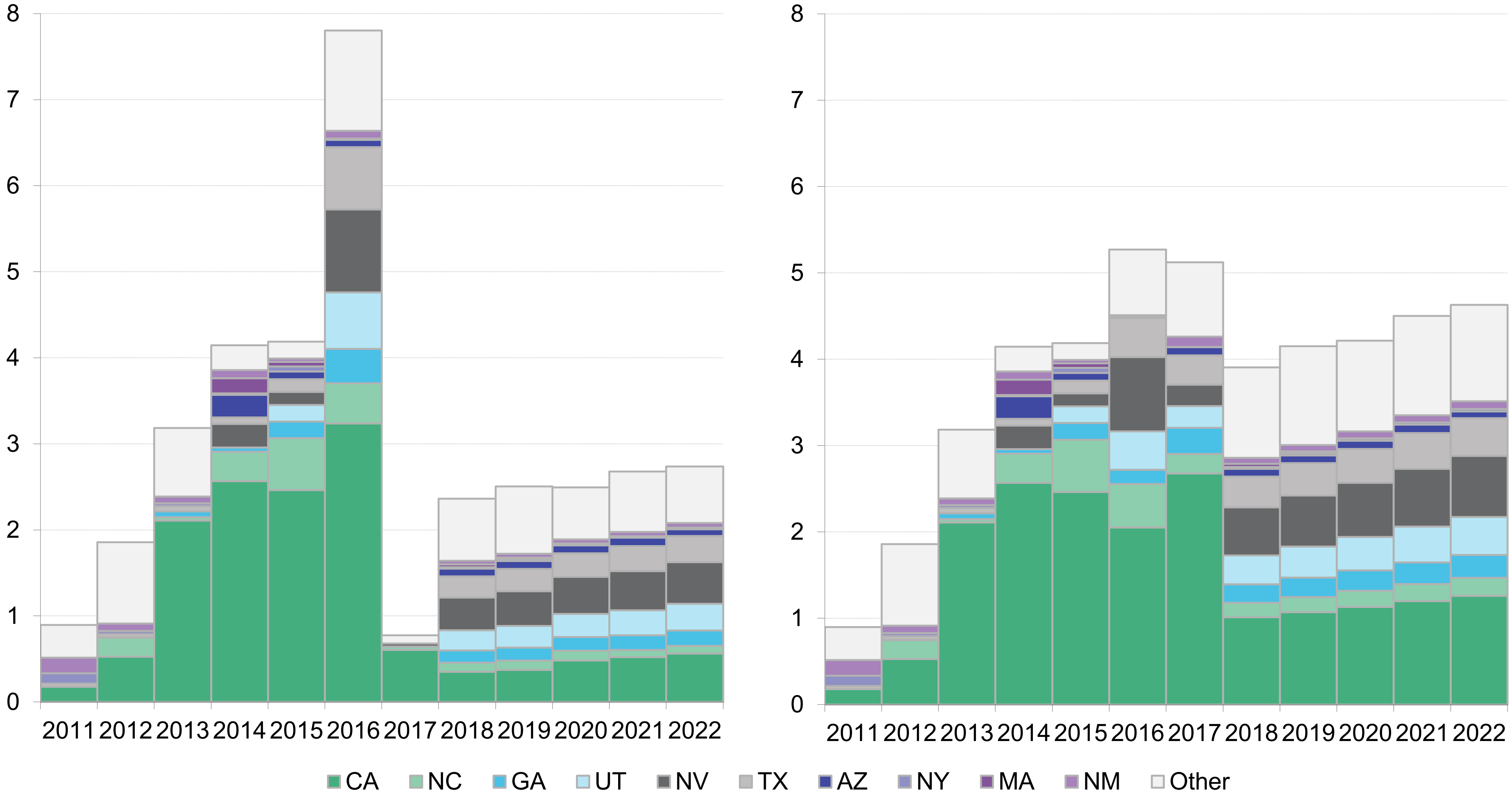
POLICY AS USUAL

ITC EXTENSION



Source: Bloomberg New Energy Finance, EIA

RESIDENTIAL BUILD FORECAST BY STATE (GW)

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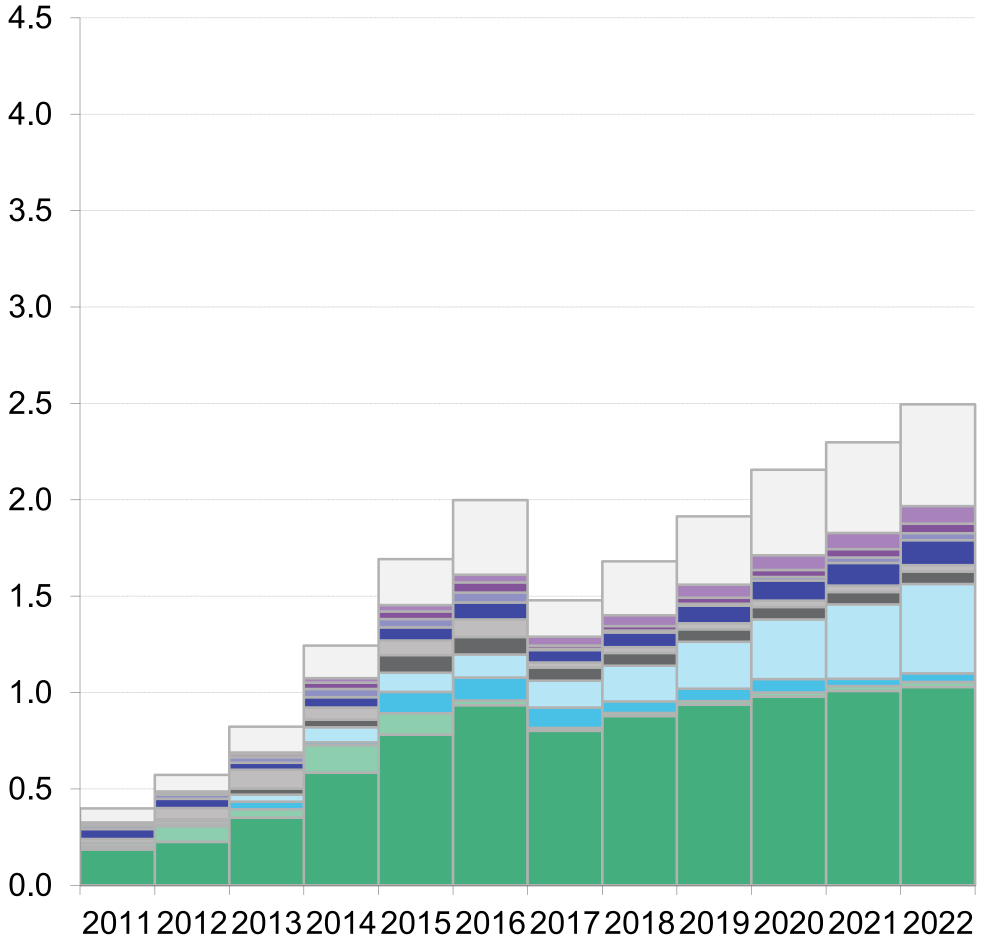
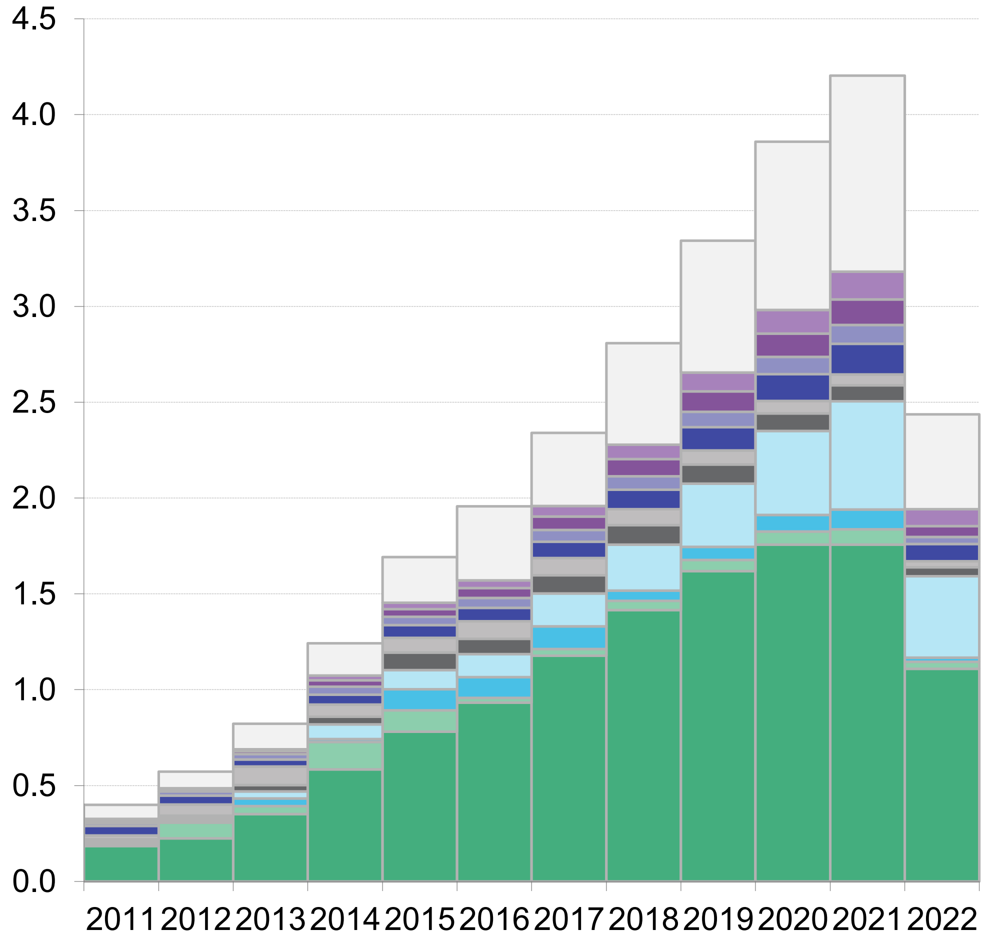
POLICY AS USUAL



ITC EXTENSION



CA AZ TX NY MA HI NJ CO MD CT Other

Source: Bloomberg New Energy Finance, EIA

COMMERCIAL AND INDUSTRIAL* BUILD FORECAST BY STATE (GW)

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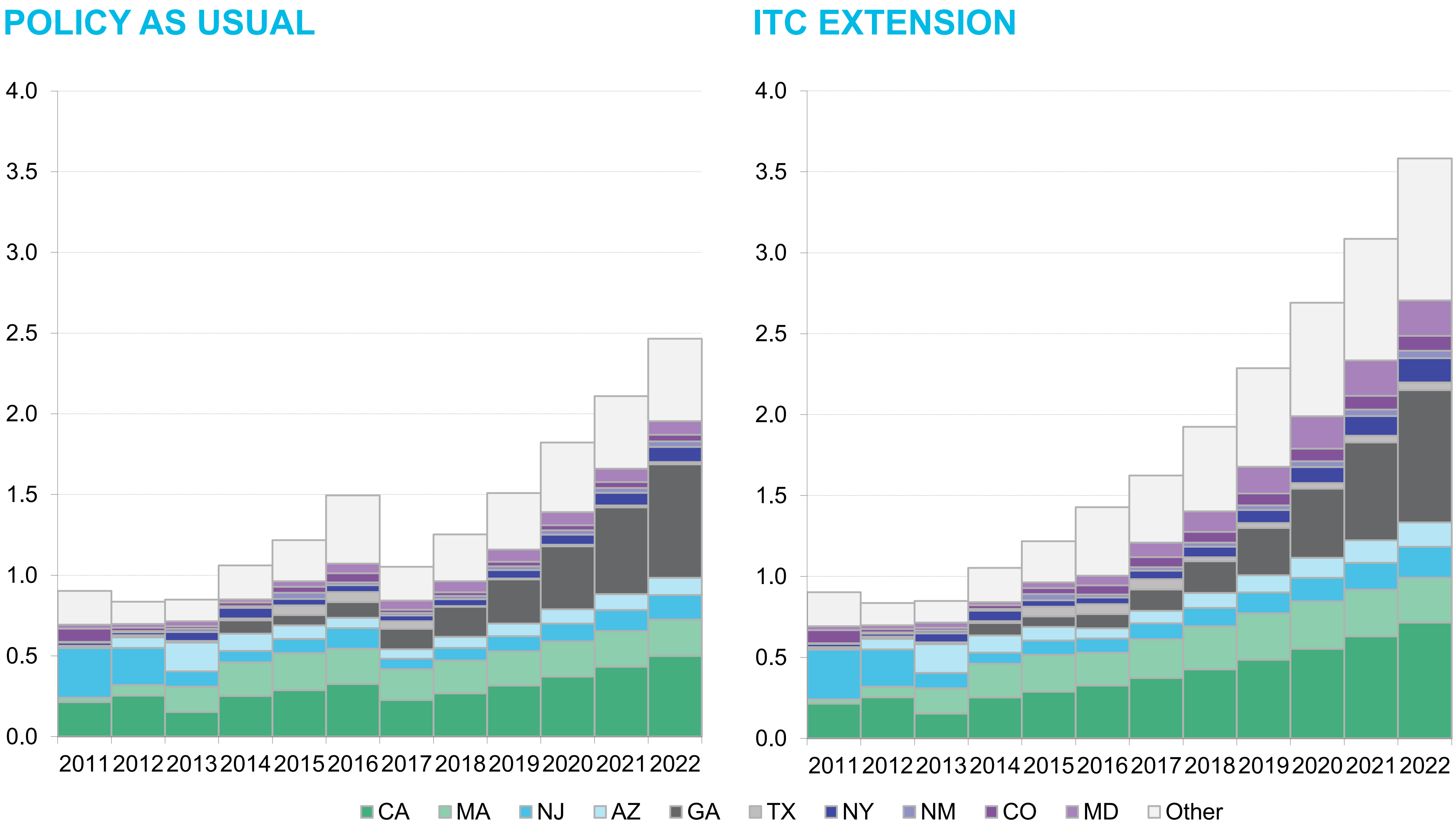

Source: Bloomberg New Energy Finance, EIA

Note: C&I = all projects that are not on homes.

WHAT'S DRIVING THIS FORECAST?

MANY, MANY CALCULATIONS OF SYSTEM ECONOMICS

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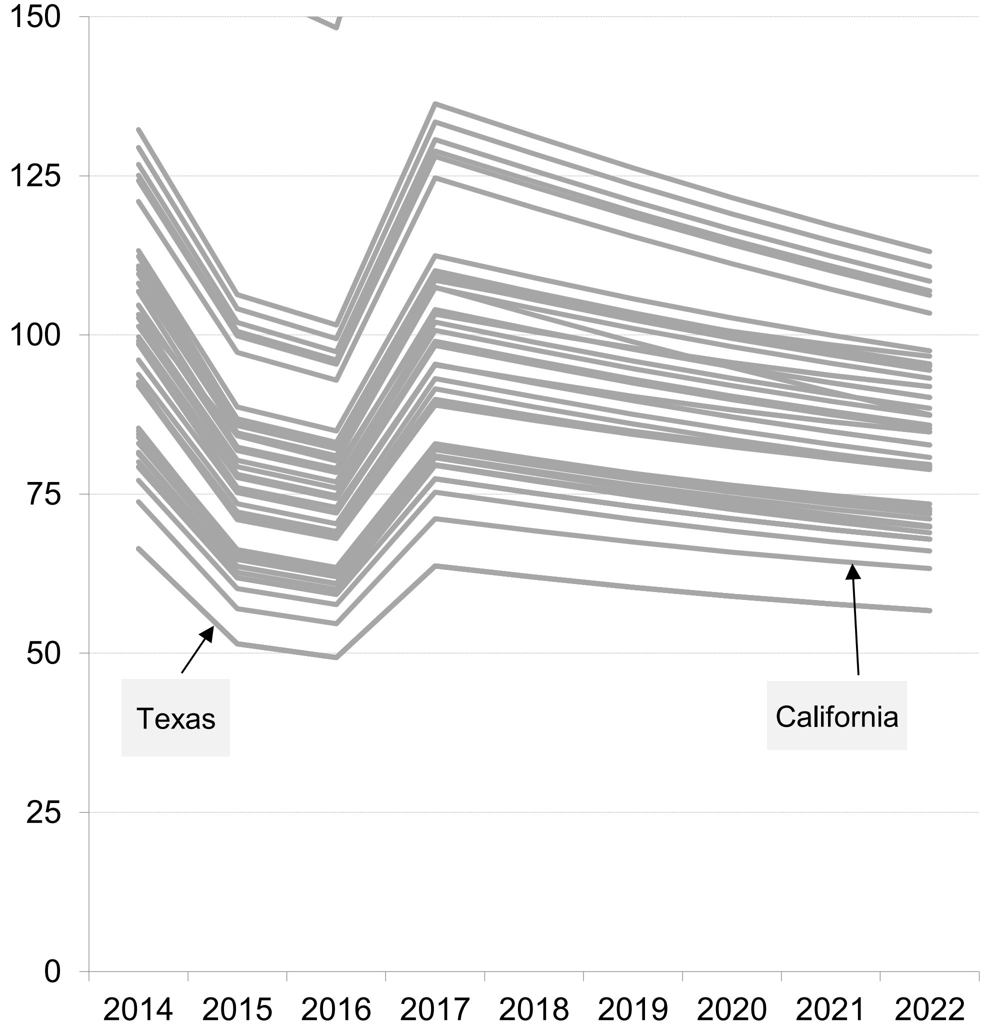
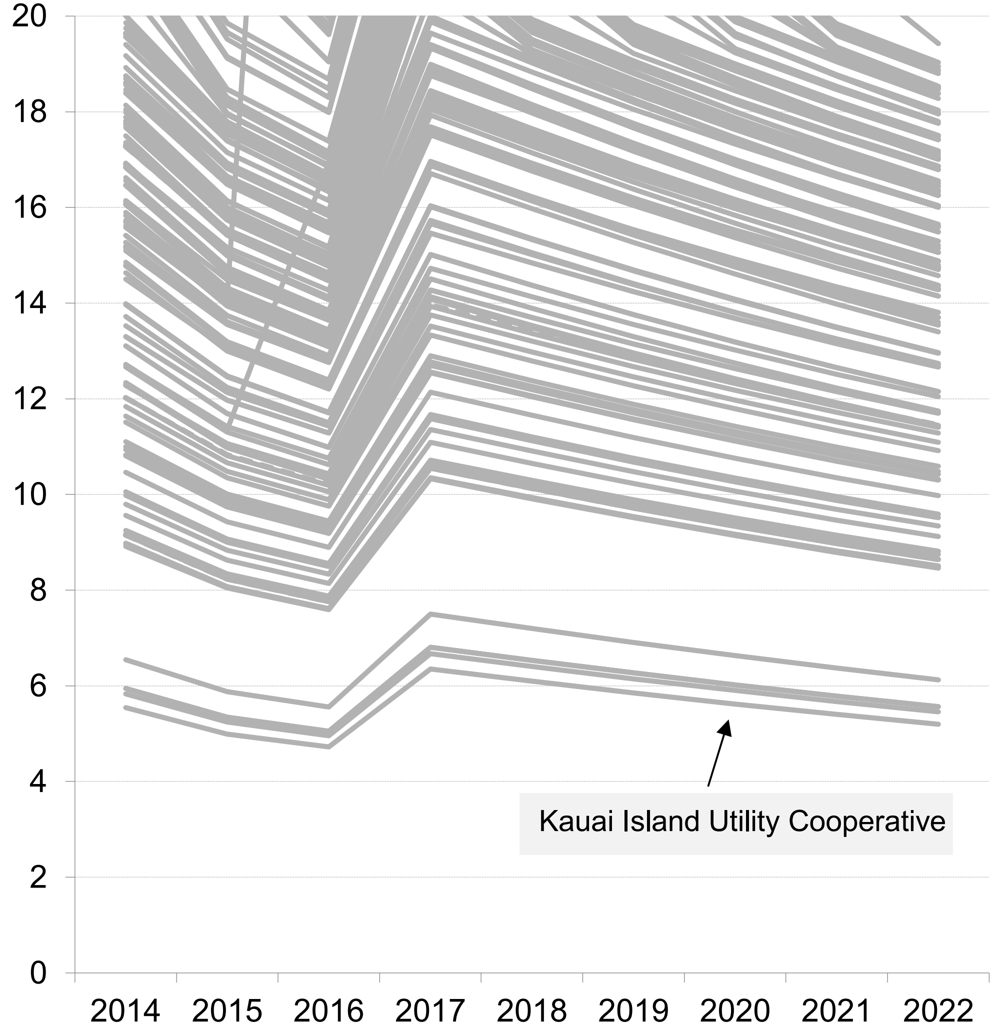
Utility LCOE by state ($/MWh)



Residential payback period by utility (years)

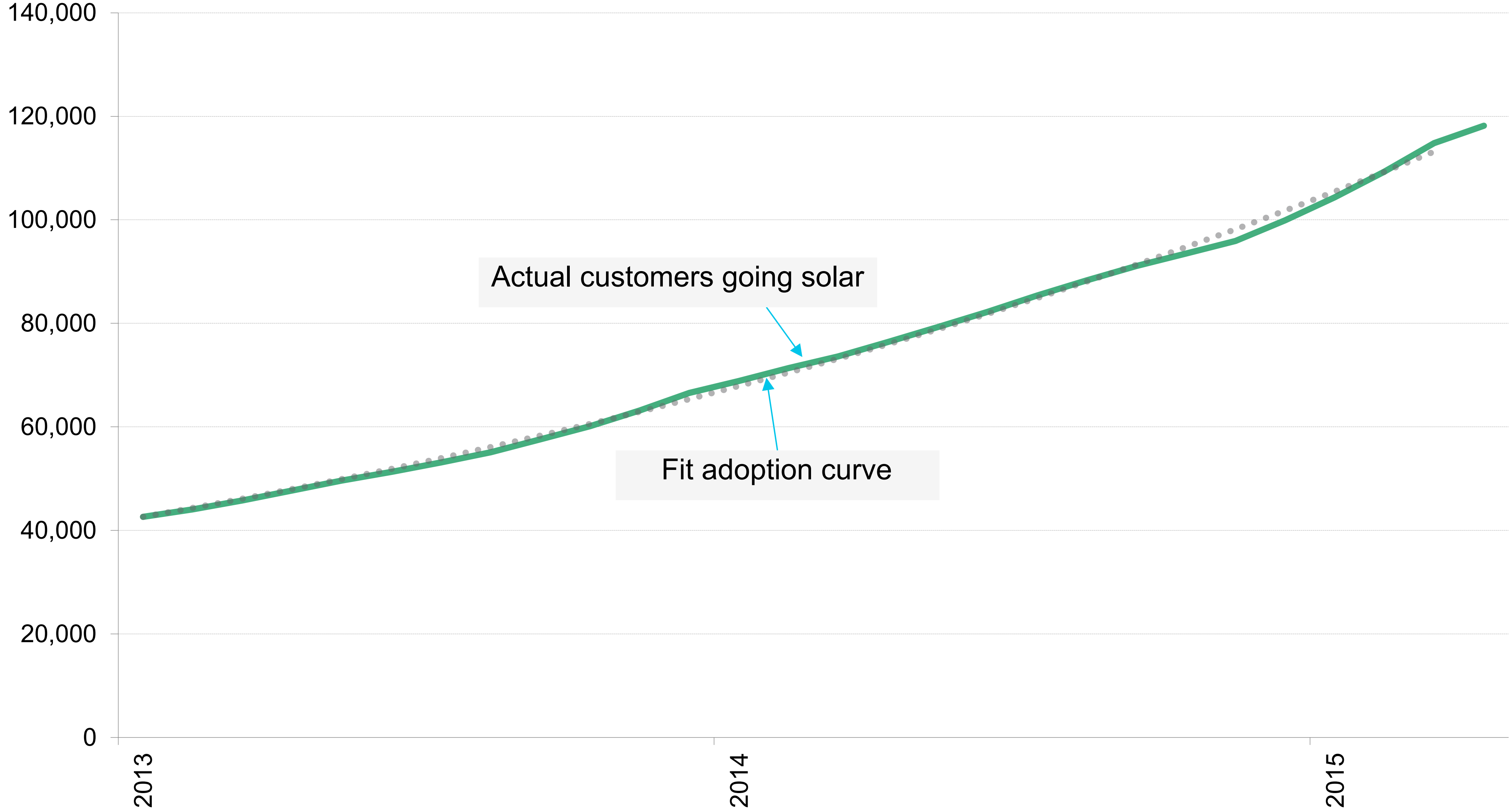


Note: The above economics are for the policy as usual case (no ITC extension).

Source: Bloomberg New Energy Finance

ROOFTOP ADOPTION IS CALIBRATED BY UTILITY

Southern California Edison – residential solar adoption by month (# of customers)



Source: Bloomberg New Energy Finance, EIA 826

ROOFTOP ADOPTION IS CALIBRATED BY UTILITY

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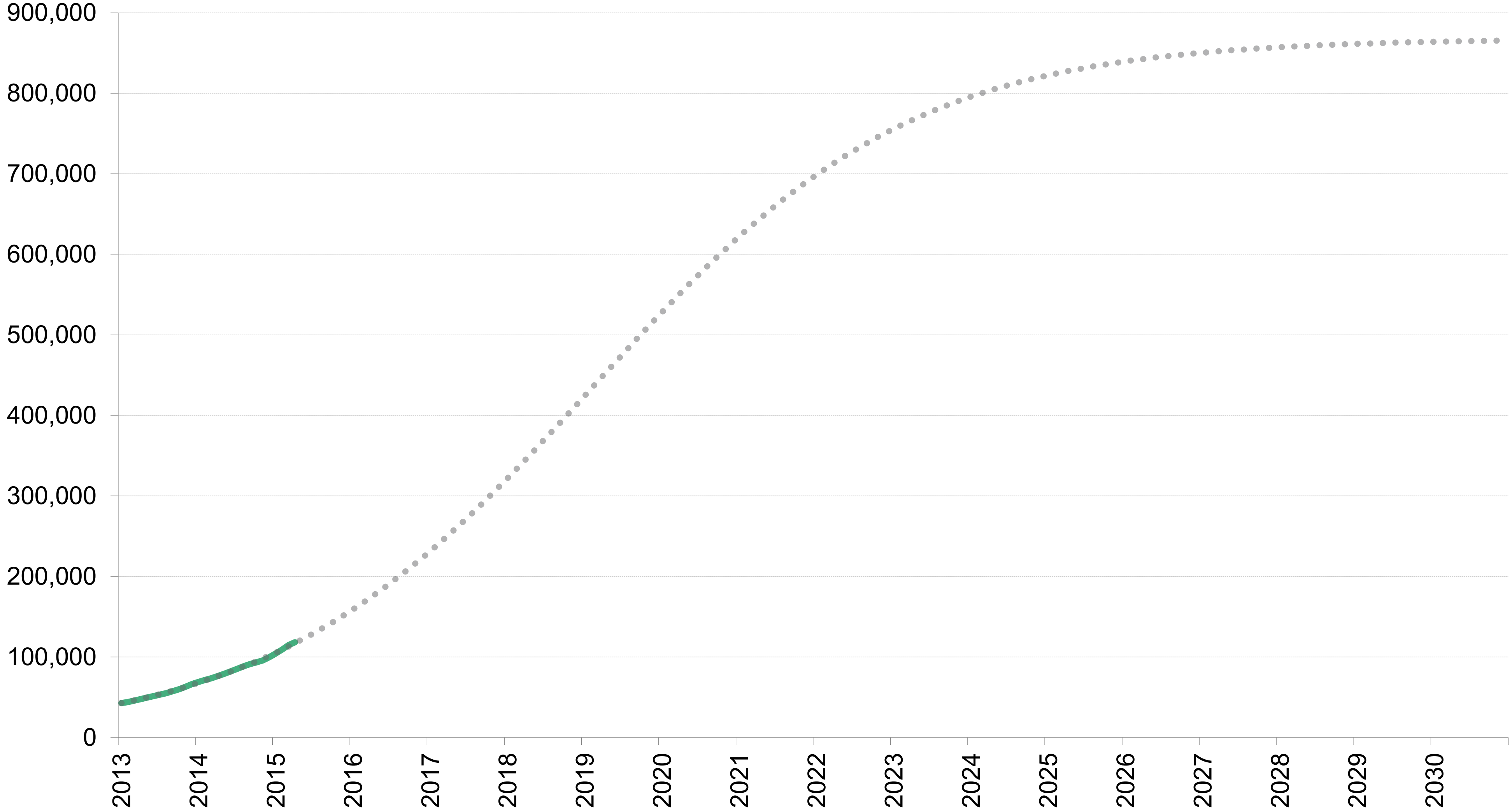
Southern California Edison – residential solar adoption by month (# of customers)



Source: Bloomberg New Energy Finance, EIA 826

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MARKETS

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SERVICES

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EMEA Service
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