THE IMPACT OF THE ITC EXTENSION ON US SOLAR

POLICY AS USUAL – NEW BUILD (GW)

ITC EXTENSION – NEW BUILD (GW)

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

**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
POLICY AS USUAL

ITC EXTENSION

Source: Bloomberg New Energy Finance, EIA
UTILITY-SCALE BUILD FORECAST BY STATE (GW)

POLICY AS USUAL

ITC EXTENSION

Source: Bloomberg New Energy Finance, EIA
COMMERCIAL AND INDUSTRIAL* BUILD FORECAST
BY STATE (GW)

POLICY AS USUAL

ITC EXTENSION

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

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

Actual customers going solar

Fit adoption curve

Source: Bloomberg New Energy Finance, EIA 826
Southern California Edison – residential solar adoption by month (# of customers)

Source: Bloomberg New Energy Finance, EIA 826
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