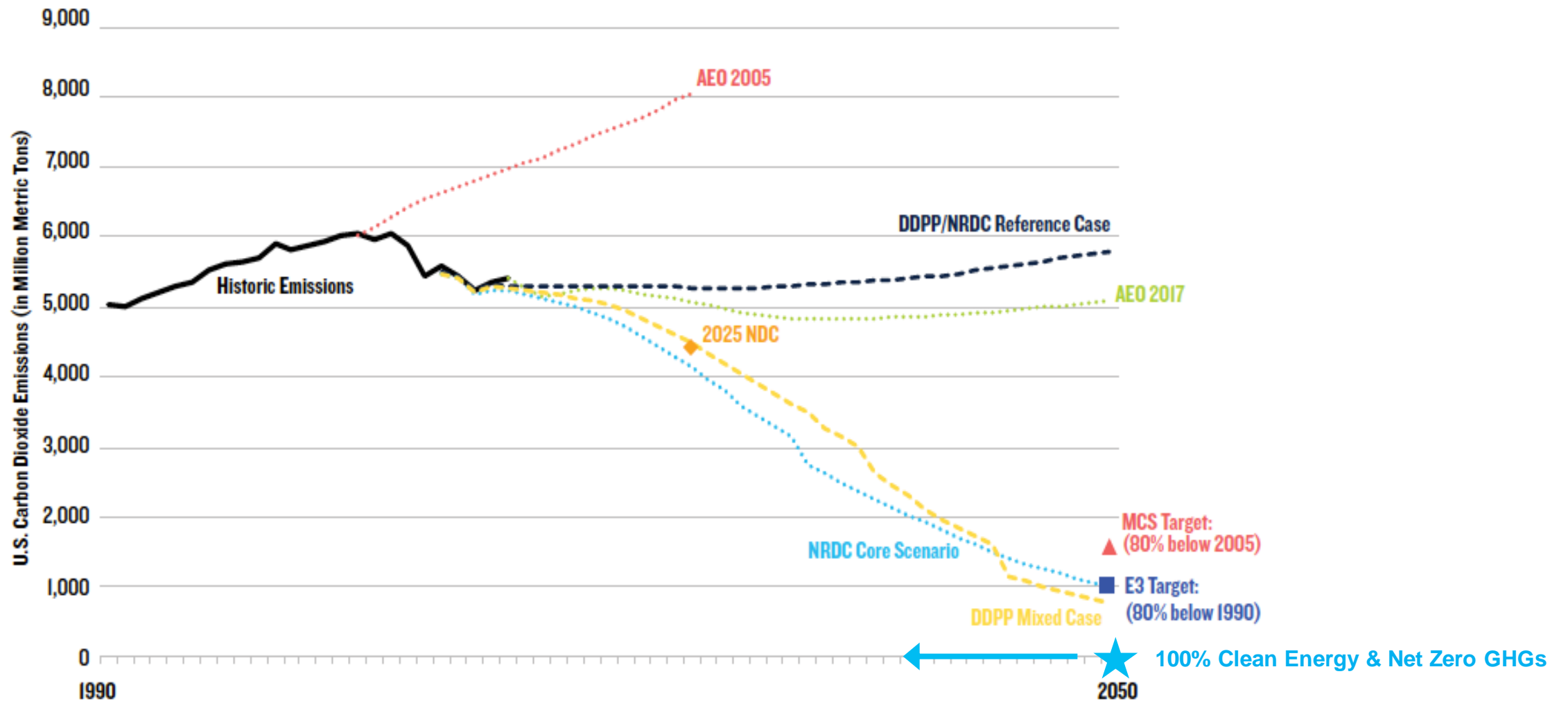

Beneficial Electrification: A Key to Carbon Reduction

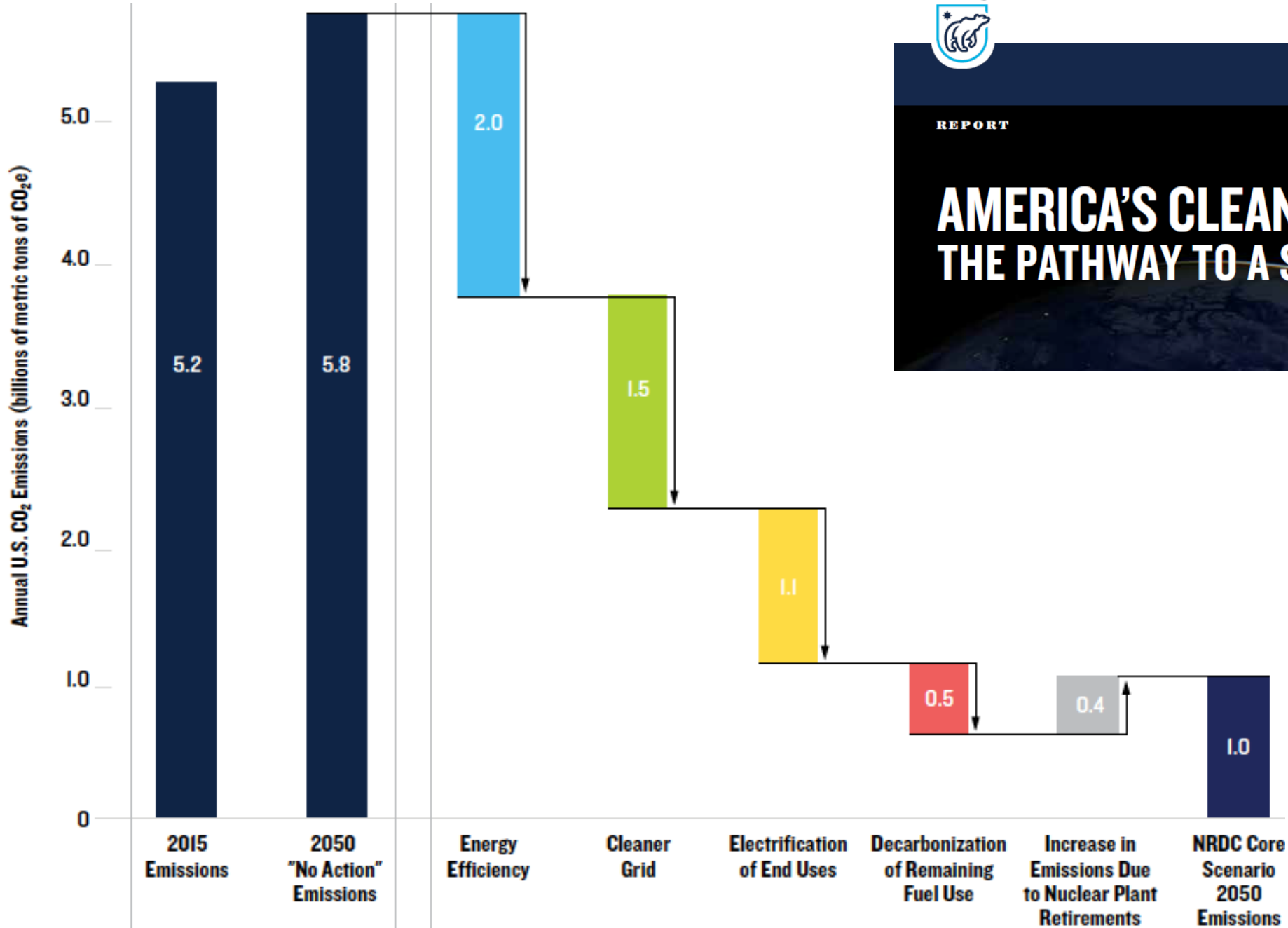


EESI Hill Briefing
March 2019

U.S. Carbon Dioxide Emissions Scenarios

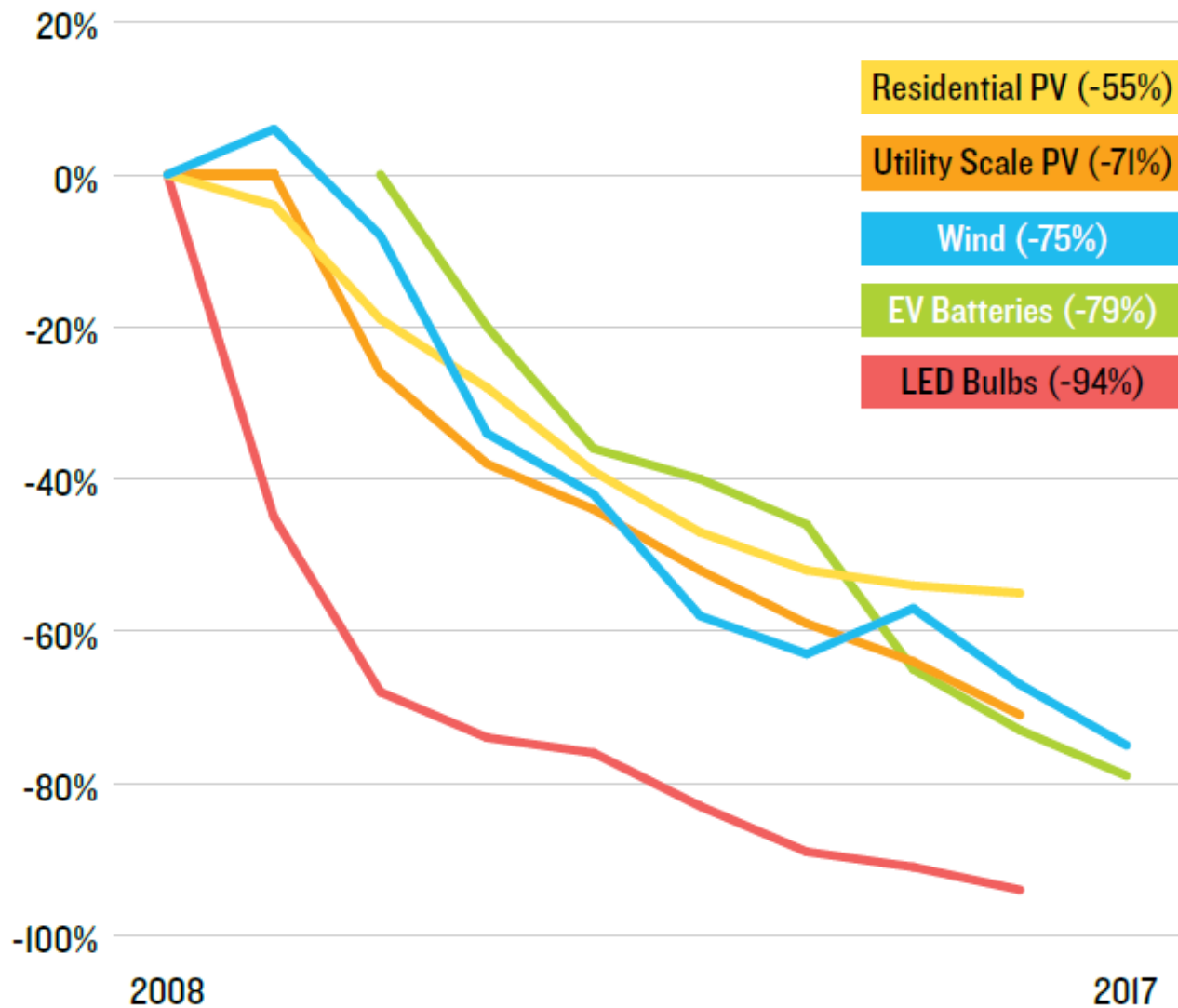


The DDPP/NRDC Reference Case is based on AEO 2013. E3 used a reduction goal of 80 percent by 2050 based on 1990 levels. MCS stands for Mid-Century Strategy, which was decarbonization modeling completed by the Obama administration following the Paris accord; MCS used a goal of 80 percent by 2050 based on 2005 levels.



Currently assessing how to close the gap to net-zero

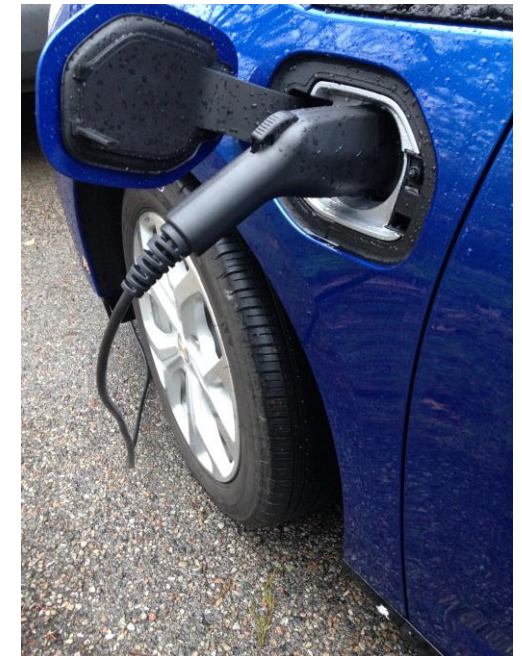
COST REDUCTION IN MAJOR CLEAN ENERGY TECHNOLOGIES



FACT SHEET

REVOLUTION NOW
THE FUTURE IS HERE FOR CLEAN ENERGY

Transportation Electrification



Building Decarbonization

Energy Efficiency

Electrification

Demand Flexibility

Use least energy

From cleanest fuel

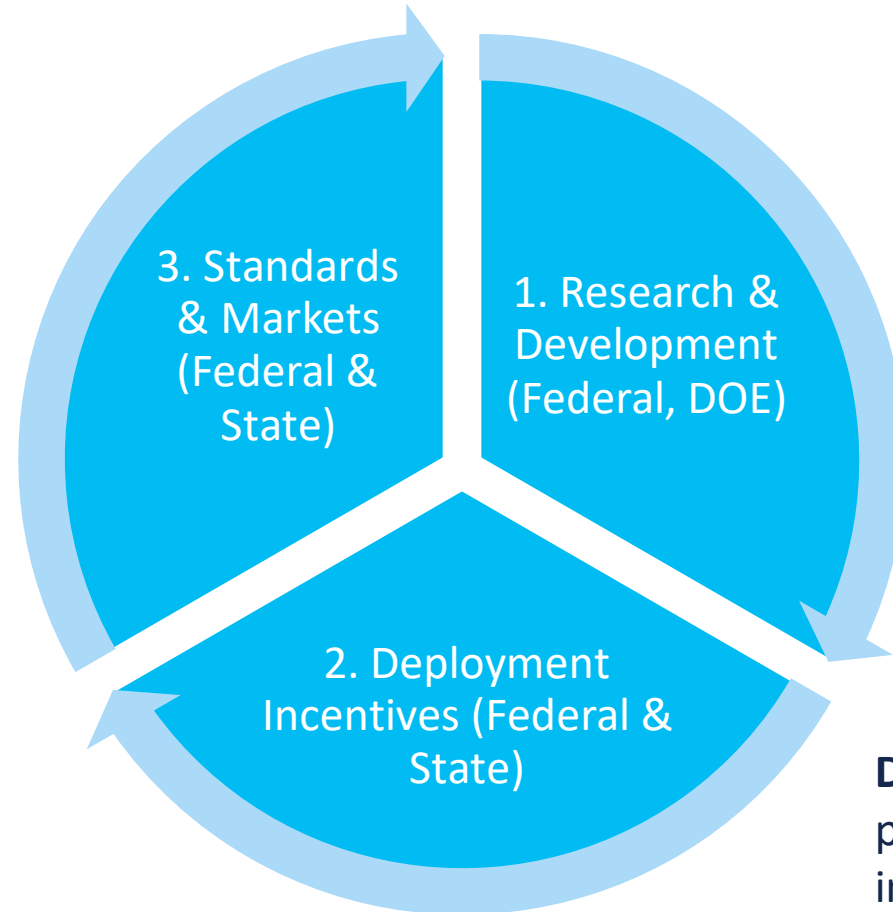
At the right time



Climate & Clean Energy Policy Cycle

Standards & Markets: State & federal clean energy, efficiency, vehicle and carbon standards lock-in wide-spread adoption and deployment.

(The cycle keeps going to allow for continuous improvement and the next set of stronger standards).



Innovation: DOE funds basic science and early stage product development.

Deployment: Federal & state programs provide tax incentives, grants and financing to get products out into the market and drive down costs.

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