Beneficial Electrification: A Key to Carbon Reduction
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
Transportation Electrification
Building Decarbonization

Energy Efficiency
Use least energy

Electrification
From cleanest fuel

Demand Flexibility
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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