Arizona Likely to Exceed “BB3 Goal” in 2015

- EPA renewables building block for AZ is unambiguous
- Additional RE growth will reduce burden on other compliance strategies
- Growth is driven primarily by solar from 2011-present
- “Outside the fence” solutions like increased use of solar are critical to keeping costs low and reducing dependence on other states for fuel

Source: EIA Arizona State Electricity Profile; ACC REST Annual goals; EPA Technical Support Documents
Cost Competitive with Conventional Energy Sources Today

Source: Texas Solar Power Association

*Calculated using GTM/SEIA Q2 2014 Solar Market insight utility scale installed costs from $1.60/W - $2.02/W with the following assumptions: 30% capacity factor, 6% cost of capital, 20 year financing
Installed PV Panel Cost Decline

Installed PV Prices (Global Average)

$ per Watt

First Solar PV Power Plants Support Grid Reliability

Critical for Managing Grid Reliability & Stability

- Regulates power factor and plant voltage/VAR controls
  *Reactive Power Capability*

- Curtails active power when necessary
  *Active Power Regulation*

- Limits the ramp rate from variations in irradiance
  *Ramp Rate Control*

- Prevents faults and other disturbances
  *Ride Through Capability*

- Monitors, tracks, and reacts to changes in grid frequency
  *Frequency Droop Control*