

Figure 1. 2030 Electric sector carbon emissions for various scenarios. The 2050 target is based on California Air Resources Board's First Update to the Climate Change Scoping Plan, p. 33. This plot assumes that the electric sector produces 20% of statewide emissions in 2050

## LCGS Phase II Results

### Curtailment of renewable energy in 2030

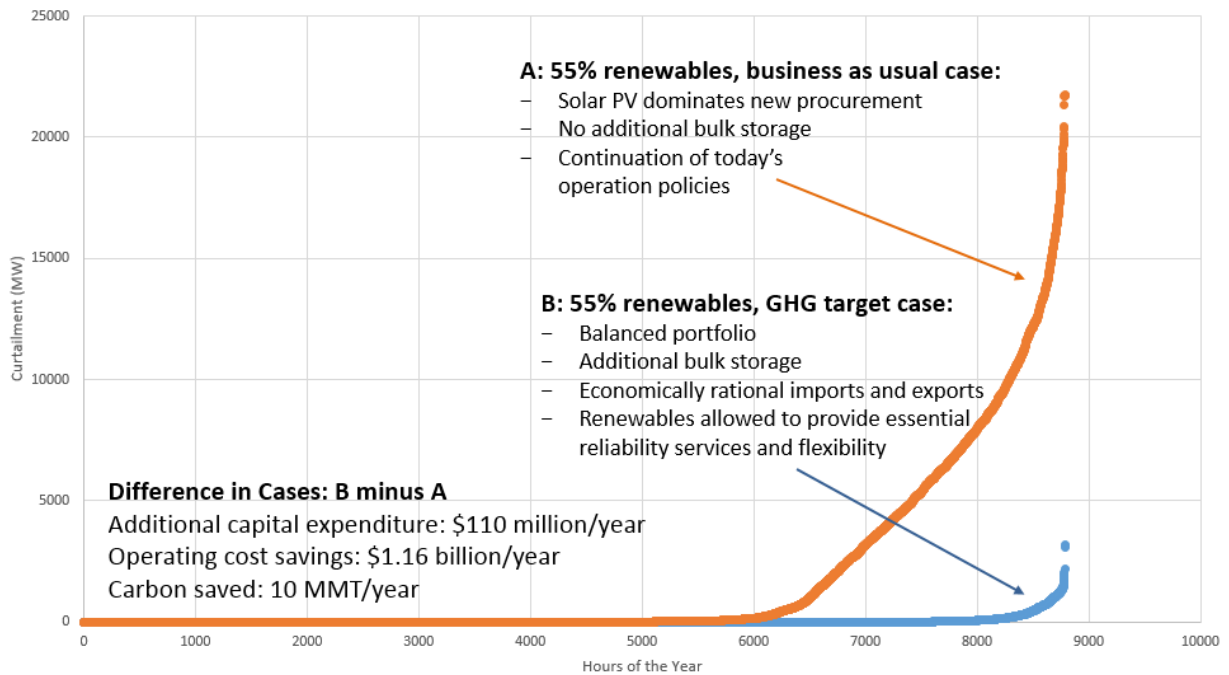


Figure 2. Low Carbon Grid Study Phase II Results: Curtailment of Renewable Energy in 2030