



# Generation Resource Planning Task Force

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# Austin Energy Green Building

- Austin Energy Green Building is leading the transformation of the building industry to a sustainable future
- AEGB ratings systems and staff evaluate the sustainability of buildings and provide consultation to builders and project teams on how to make their homes and buildings more energy and resource efficient, healthier, durable and have a more positive impact on the community, and apply the lessons learned through the ratings to improve the efficiency of all buildings in Austin
- Single Family Ratings, Multifamily Ratings, Commercial Ratings
- Energy Codes – Residential and Commercial





# AEGB + Codes FY 2013



Results FY 2013	
Demand (MW)	18
Energy (MWh)	46,223
Building Water (not energy related)	27.6M gal
Construction Waste	23,485 tons
Budget (actual)	\$2,144,621

ICMA Program Excellence Award for Community Sustainability

Institute for Market Transformation, Standard Bearer Award for Excellence in Energy Code Compliance

Adoption of 2012 IECC as City Austin Energy Code

Develop updates to all Green Building ratings to improve on New codes

Guadalupe Saldana net zero Energy homes

## Goals

- Demand 18.4 MW

- Energy 39,424 MWh

- **Prepare for 2015 Energy Code**

- Code changes to meet Zero Energy

- Capable Homes Ratings changes to stay ahead of codes

- New programs or products

- **Meet growth challenges**

- Multifamily ratings units projected to grow

- 82% Comm Ratings square footage

- projected to grow 55% Single Family

- ratings projected to grow 20%

## Strategies

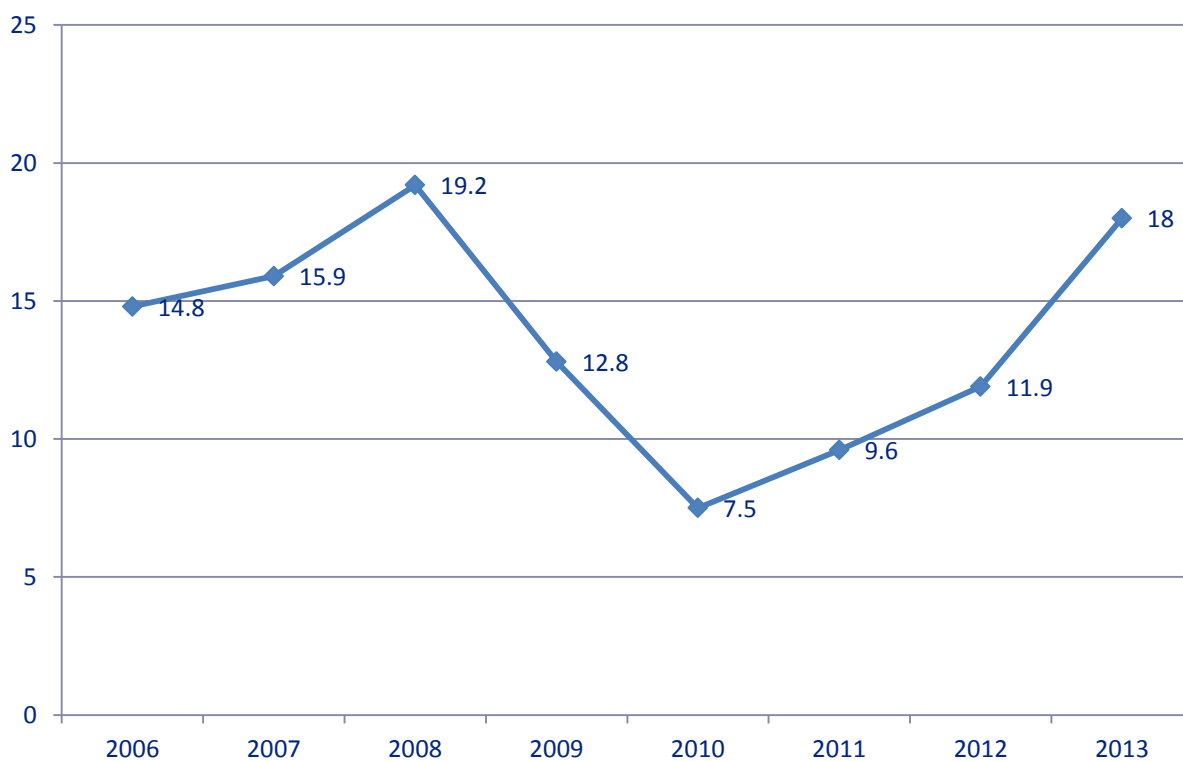
Contractors Process efficiencies





# 2006-2013 GB+Codes

Annual GB+Code MW



94.5/384.1



# Going Forward

- KEMA potential study includes codes
  - National Appliance Efficiency Standards
  - Assumptions about IECC for 2009-2018
- Green Building projections include adopted codes + our assumptions about 2015-2018
- Green Building and Codes projections are included in Demand Side Management Presentation