

**2010-2012
Energy Efficiency Plans:
Initial Analysis by
the EEAC Consultants**

Council Consultants

MA EE Advisory Council Working Session
May 5, 2009

Outline of Presentation

- Near-term schedule for Councilors
- Consultant initial technical analysis:
comparison of PA-proposed savings and costs
to prior EEAC consultant analysis presented to
the Council
- Next steps and key dates

Near-Term Schedule for Councilors

- Key TOPICS or issues to address during the Council's review of the statewide Plans (for Council to develop its work plan/review approach at May 12 meeting)
 - Send proposed topics or issues to DOER and Paul Horowitz (pahorowitz@earthlink.net) by COB on May 7; consultants distribute compiled list of topics to the Council on May 8
- QUESTIONS AND COMMENTS on the statewide Plans (for review by the Council during May 12 meeting)
 - Send initial questions and comments (especially those that were not raised or addressed on May 5) to DOER and Paul Horowitz by COB on Friday, May 8. Consultants will compile comments for the Council meeting on May 12.
 - Councilors can comment further throughout the process

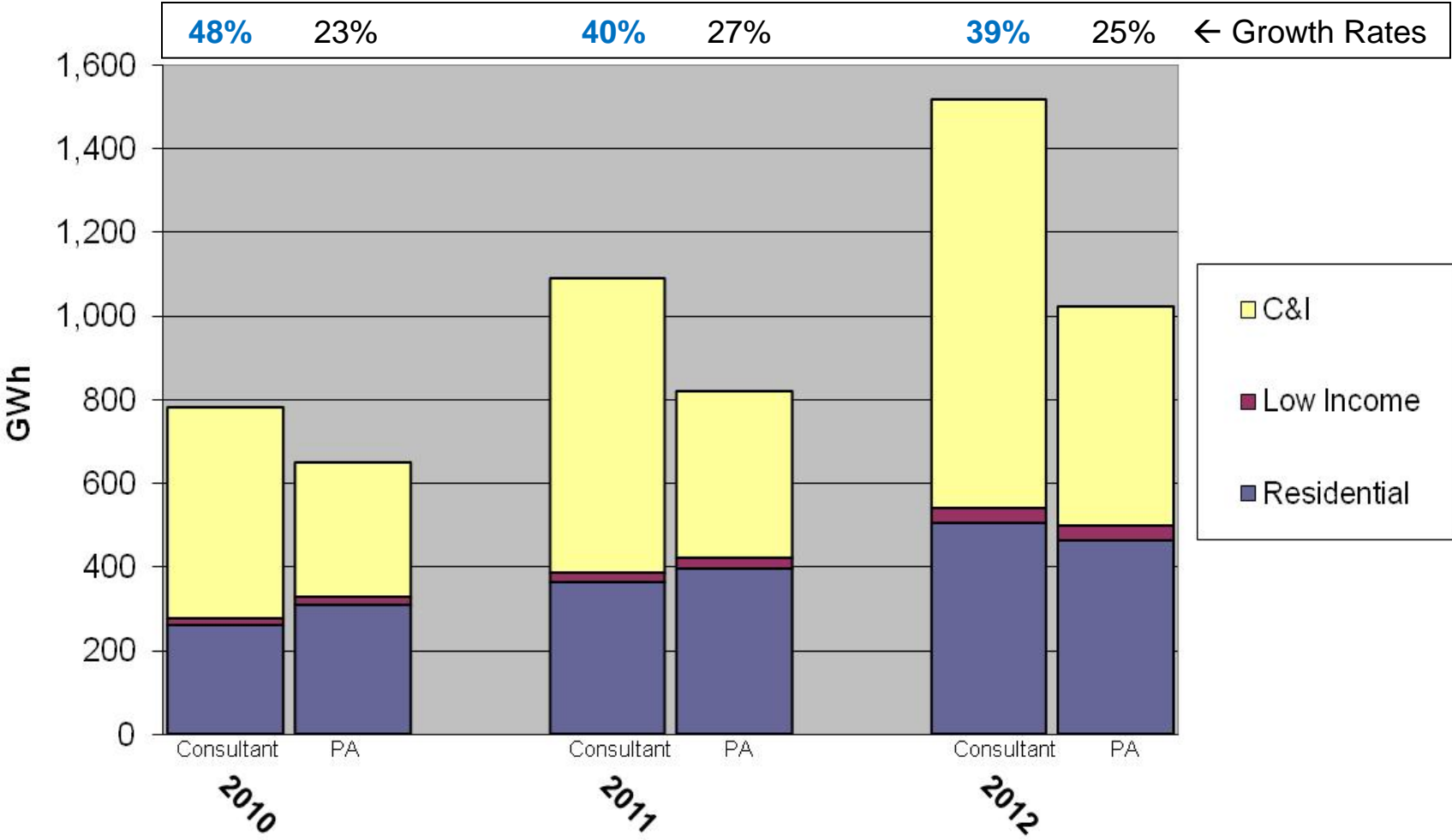
Initial Consultant Analysis

- Initial technical analysis of Electric and Gas Statewide Plans by the EEAC consultants
- Comparison to earlier consultant analysis of savings (and benefits and costs) necessary to meet MA energy statutes and other policies
- Focus on deeper savings first, then broader
- Analysis limited by the data provided in the Plans (sector level only, no program level data)
- Four electric charts, three gas charts

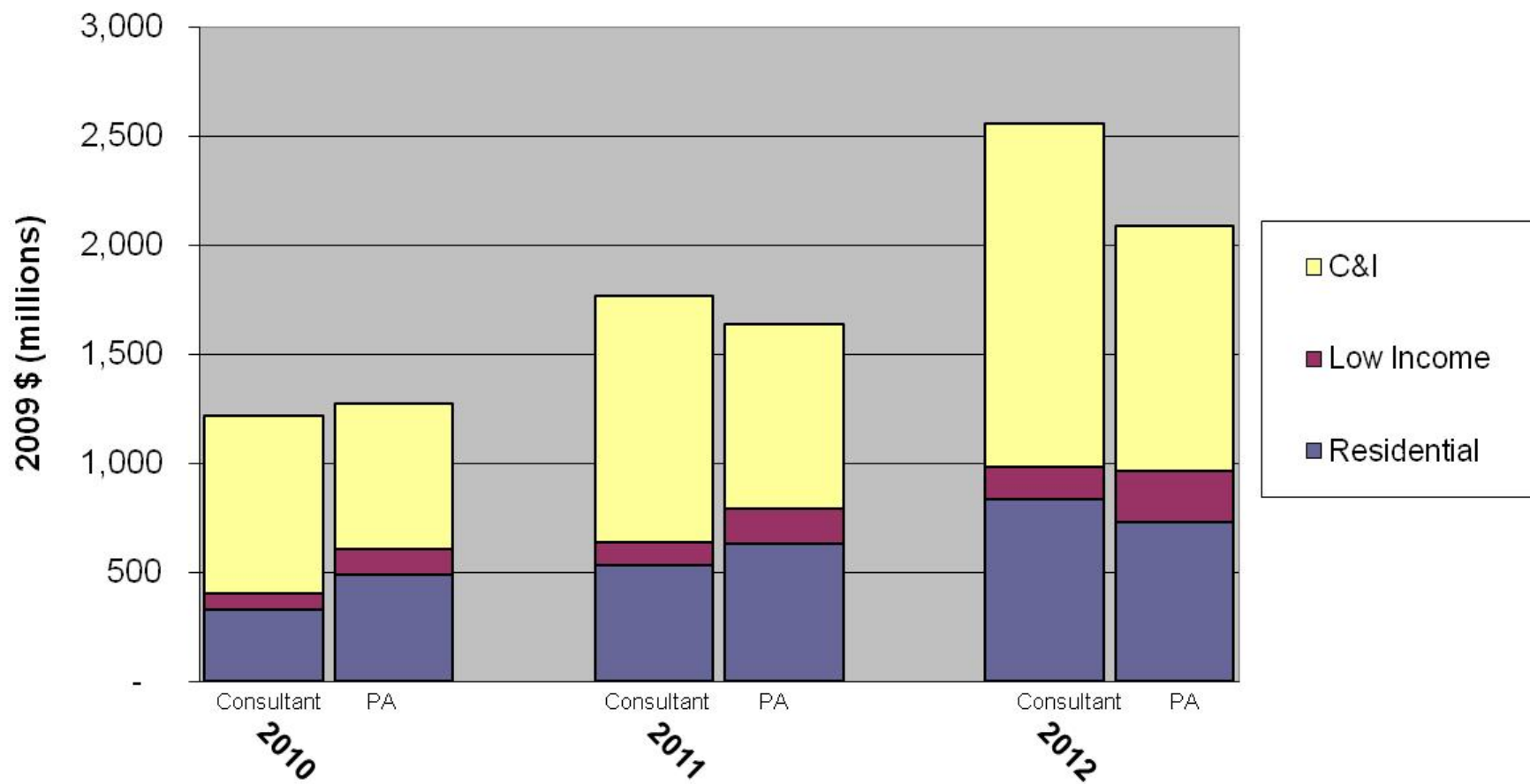
Requirements of the Green Communities Act

- Electric and natural gas resource needs shall first be met through all available energy efficiency and demand reduction resources that are cost effective or less expensive than supply. [Section 21 (a)]
- Each plan shall provide for the acquisition of all available energy efficiency and demand reduction resources that are cost effective or less expensive than supply. [Section 21 (b)(1)]
- Green Communities Act (GCA)
Chapter 169 of the Acts of 2008

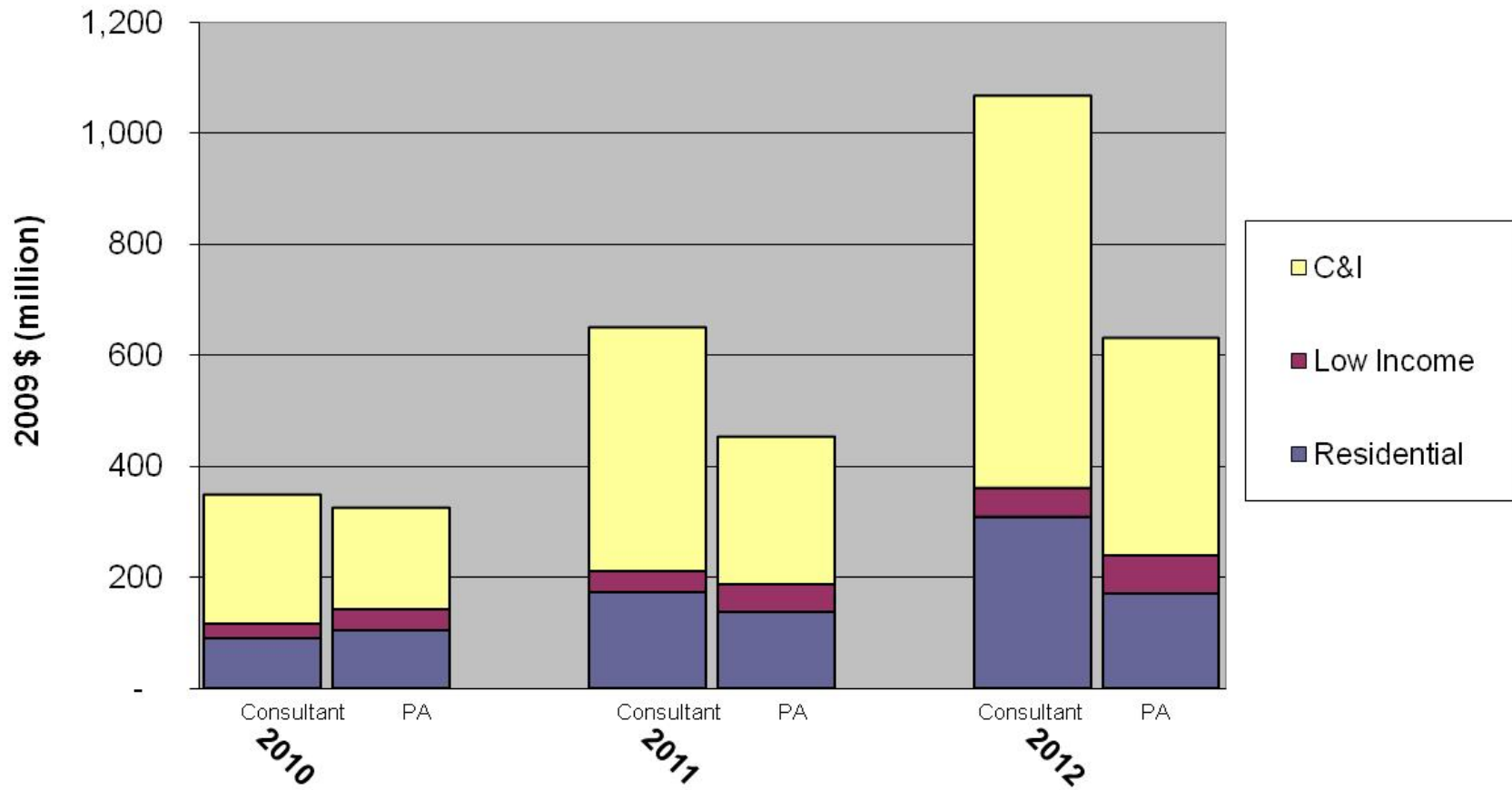
Electric Savings by Sector



Electric Benefits by Sector

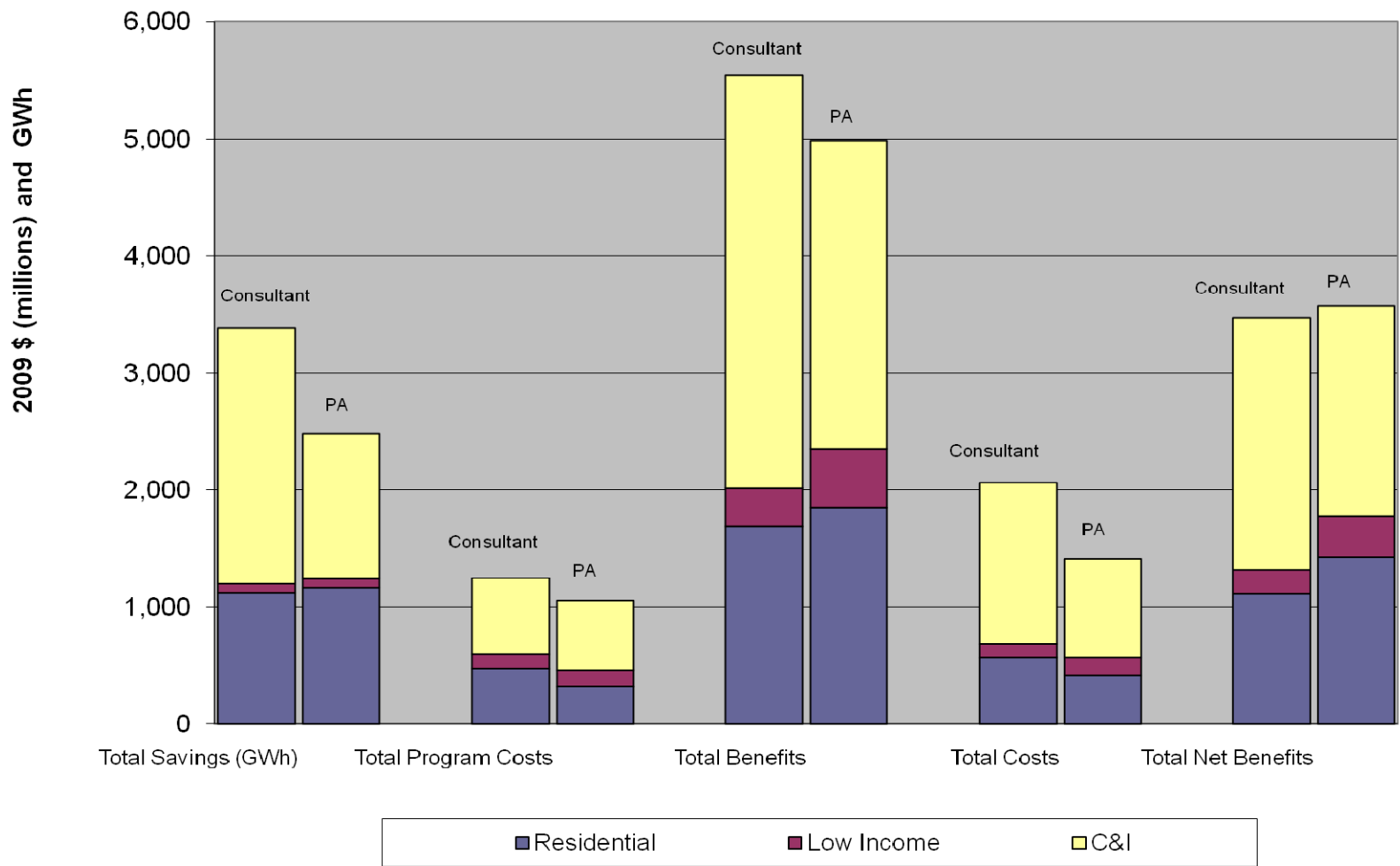


Electric Total Resource Costs by Sector

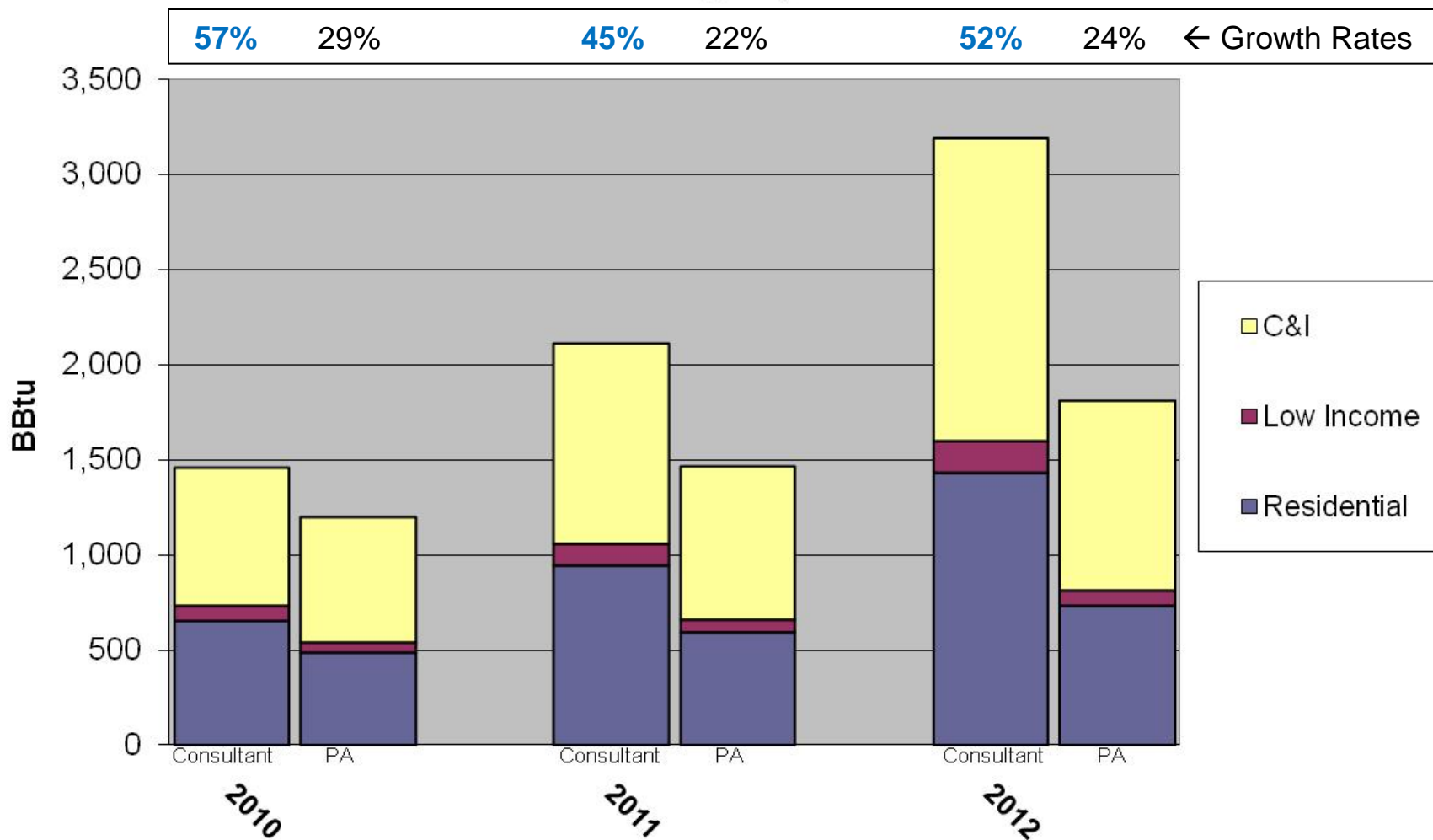


Consultants estimated higher TRC costs for achieving much deeper savings, particularly in existing homes and C&I; also, used a cautious approach to claiming significant savings from residential CFLs.

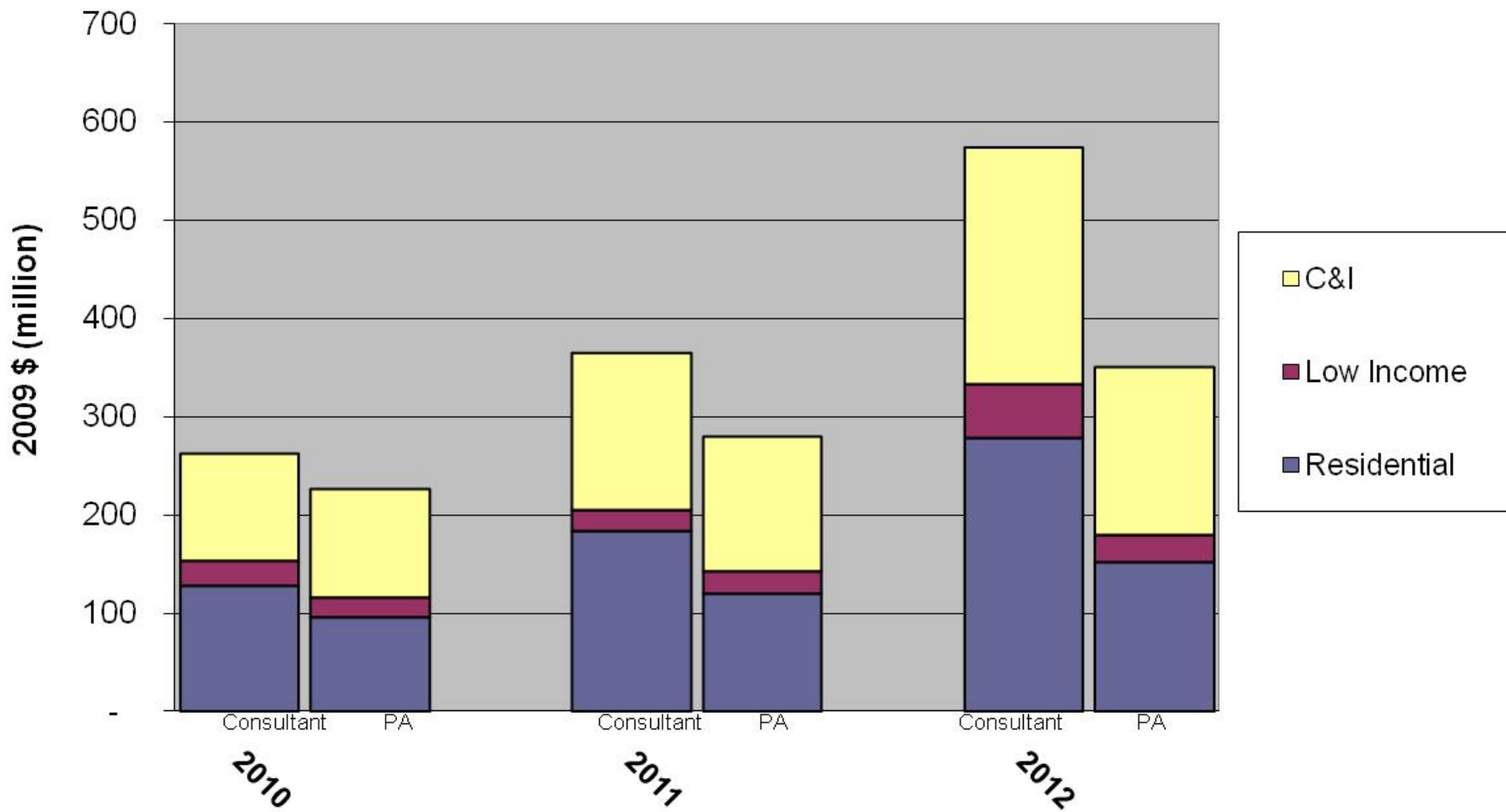
Electric 3-Year Summaries by Sector



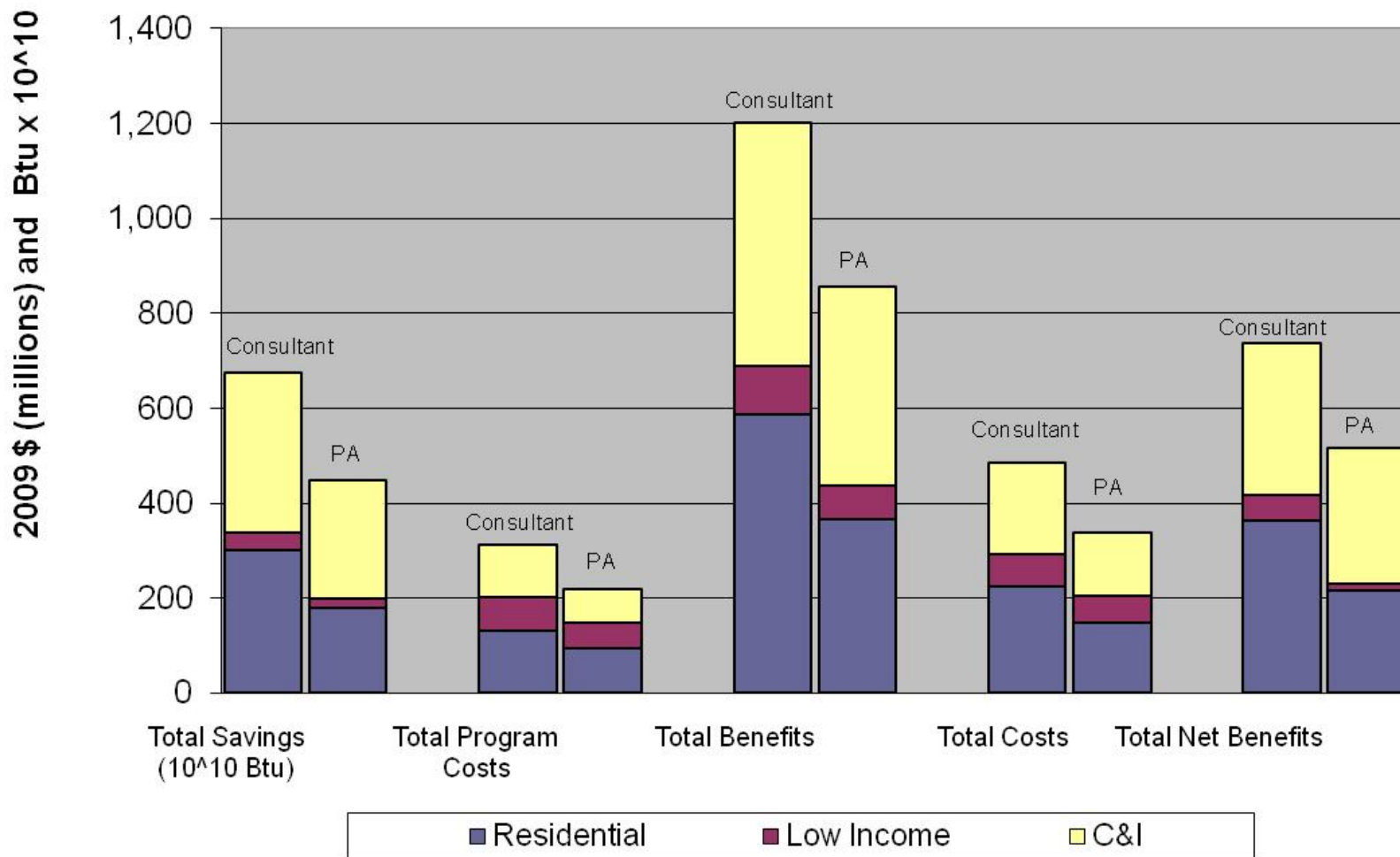
Gas Savings by Sector



Gas Benefits by Sector



Gas 3-Year Summaries by Sector



Next Steps and Key Dates

- May 12 – Council finalizes list of key topics and develops work plan for its review of the Plans
- Rate and average bill impacts working group mtgs
- May 26/29 – Council drafts and distributes its preliminary comments on the statewide Plans
- June 9 – Council reviews preliminary analysis of rate/bill impacts, EE potential, and other topics
- Interactions and iterative process, May & June
- June 23/26 – Council comments on statewide Plans
- July 9 – Updated draft statewide Plans from PAs
- July 29 – Council approval/cond. approval/comments