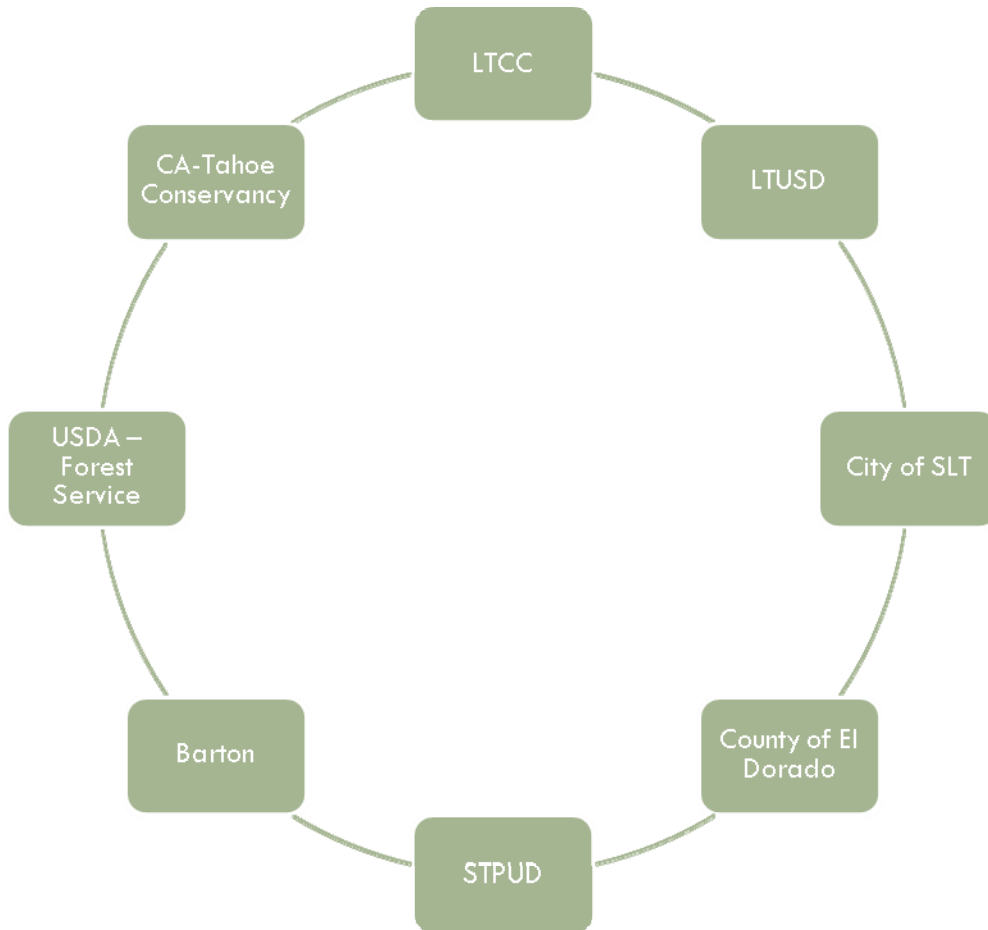


PROPOSAL: LAKE TAHOE GREEN ENERGY DISTRICT (LTGED)

Presentation to the Board of Supervisors
August 11, 2009

Lake Tahoe Green Energy District



- Consortium of city, county, state, and federal agencies
- Significant energy cost savings for agencies
- Keep Tahoe **Blue** by going **Green** in the Basin

LTGED – Addressing Challenges

- Increasing Energy Costs:
 - LTCC currently spends \$100,000/year gas and \$230,000/year electric, and this will only increase.
- Sale of NV Energy grid:
 - Impending sale may result in increases in electricity costs (possibly double).
- CA-AB32 Regulation:
 - Regulation of greenhouse gas emissions has been passed, and will be enforced in CA.
- CA State budget:
 - Increasing volatility of our primary source of funding highlights the need to diversify income and reduce costs.
- Emerging Educational Fields:
 - Alternative energy, sustainability, and environmental sciences are emerging and growing fields in education

LTGED – Economic Benefits

- Energy Efficiency:
 - ▣ Energy audits and upgrades will result in immediate cost savings for the College and participating agencies
- Green Retrofits:
 - ▣ Replacement of fossil fuel based energy, resulting in reductions in carbon production (AB32), and significant cost savings
 - Geothermal Exchange
 - Solar
- Funding Opportunities
 - ▣ Federal and state grants, combined with CEC, CCLC, and CA Solar Initiative financing

LTGED – Educational Benefits

- Degree and Certification Offerings:
 - Provide education and training in emerging fields, contributing to economic development in South Lake Tahoe, and increased transfer rates to four-year colleges (e.g., Sierra Nevada College)
- Demonstration Sites:
 - Green Energy District and Green Data Center offer opportunities for conferences and workshops hosted by the college, and contribute to the economy of SLT

Thank You

