

C.2

ADOPTION OF RENEWABLE ENERGY GOALS

City Council

December 5, 2017

Presentation by:

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Outline

1. Resolution to Establish Renewable Energy Goals
2. Actions to Help Reach the Goal
 - a. Community Choice Energy - Regional Feasibility Study
 - b. Southern California Edison Request for Proposals & Study of Renewable Energy Potential
 - c. Community Choice Energy - City Feasibility Study

1. Resolution to Establish Renewable Energy Goals

- Goal Requested by Community Environmental Council & Sierra Club:
 - ✓ City Facilities: 50% renewable by 2020, 100% by 2030
 - ✓ Communitywide: 100% renewable by 2030
- Community Choice Energy Identified in the Request as an Important Tool to Pursue the Goal

1. Resolution to Establish Renewable Energy Goals

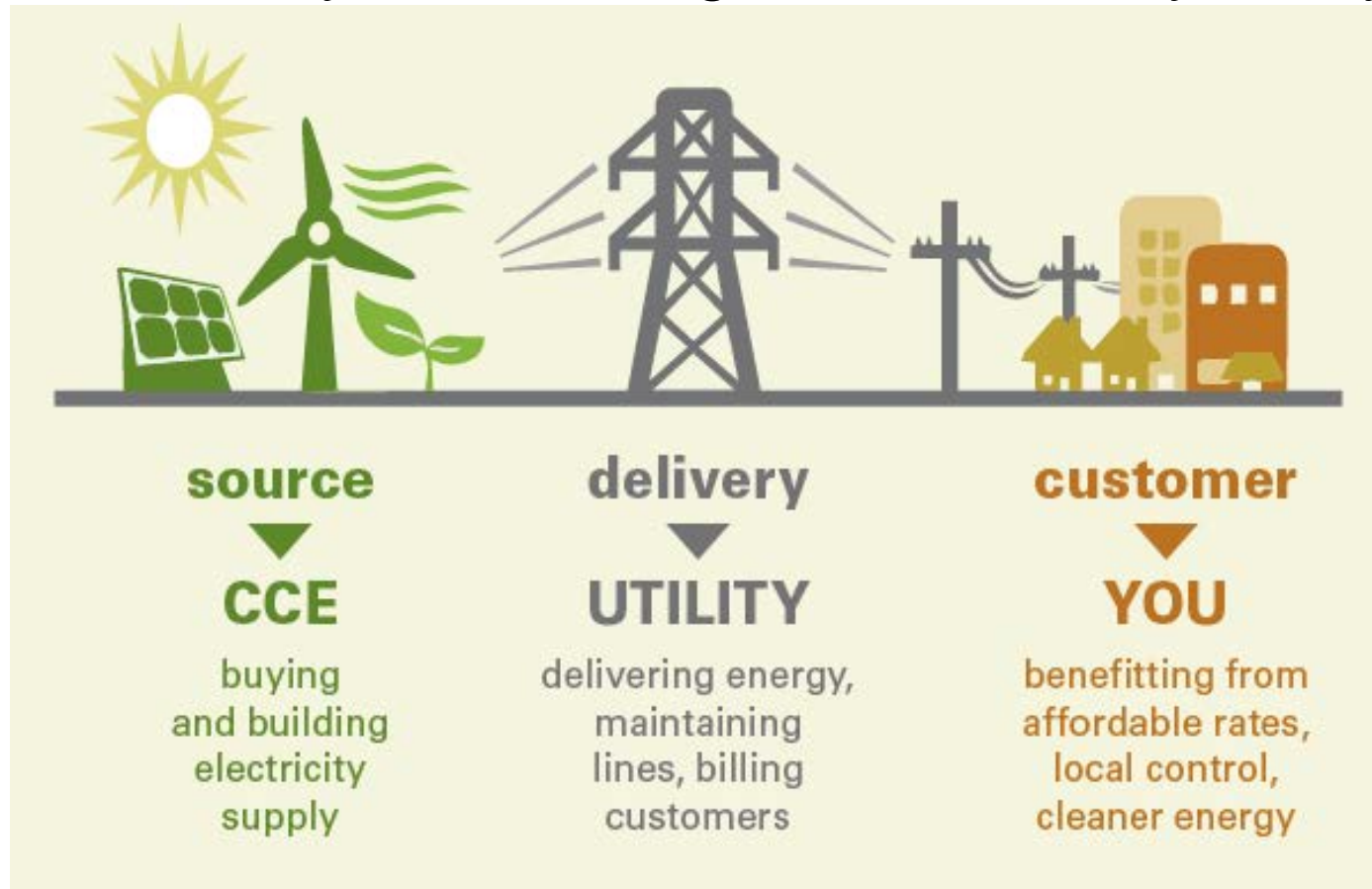
- Energy / Green Issues City Council Standing Committee
 - ✓ Three Meetings (May, August, October 2017)
 - ✓ Recommendation: Support City Council Adoption of a Renewable Energy Goal

1. Resolution to Establish Renewable Energy Goals

- Establishing a Renewable Energy Goal is Consistent with Multiple City Plans
- Staff Recommendation:
 - ✓ City Facilities: 50% of electricity use from renewable sources by 2025, 100% by 2030
 - ✓ Communitywide: 100% of electricity supply from renewable sources by 2030
- State Renewables Portfolio Standard & SCE's Power Mix

2. Additional Actions to Support Renewable Energy Goals

a. Community Choice Regional Feasibility Study



2. Additional Actions to Support Renewable Energy Goals

a. Community Choice Energy - Regional Feasibility Study

- City Energy Usage Data Provided; No Funds Allocated for Working Group Participation
- Feasibility Study Scope
 - ✓ Tri-County, 27 Local Governments
 - ✓ Eight Combinations of Cities & Counties
 - ✓ Three Renewable Energy Scenarios

2. Additional Actions to Support Renewable Energy Goals

a. Community Choice Energy - Regional Feasibility Study

- Results Summary – Likely Not Viable
 - ✓ Rate Competitiveness, Financial Stability
 - ✓ Peer Review

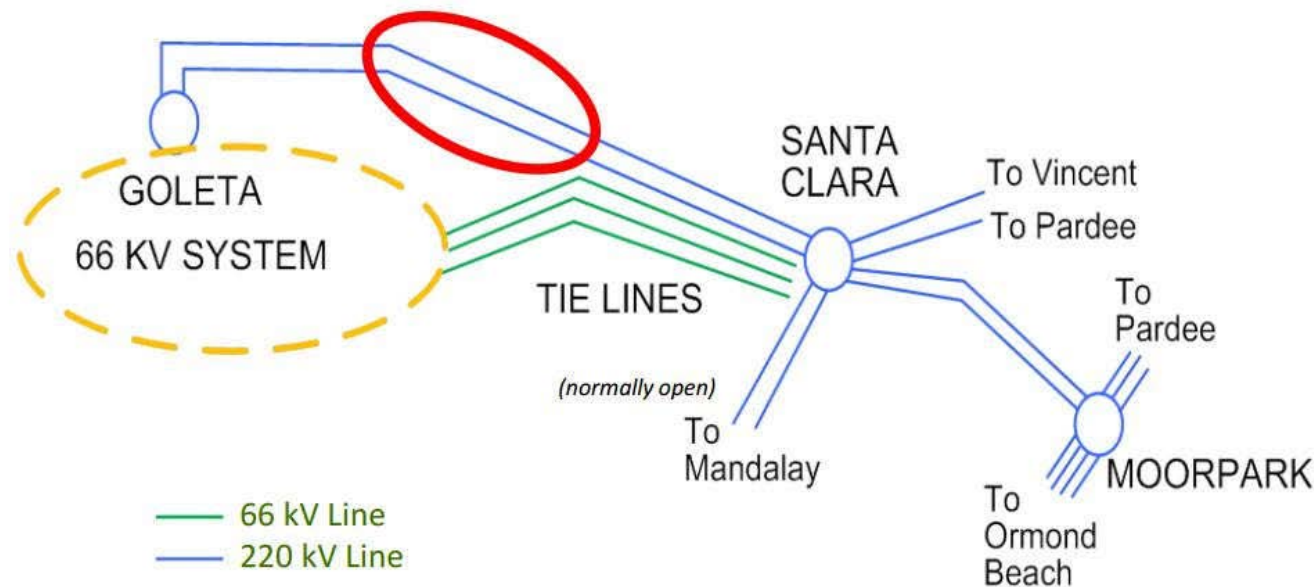
- Drivers of Infeasibility
 - ✓ Two Utility Service Areas
 - ✓ Large Region, Large Up-front Capital Costs
 - ✓ Decrease in Utility Generation Rates

2. Additional Actions to Support Renewable Energy Goals

- a. Community Choice Energy - Regional Feasibility Study
 - County Board of Supervisors Direction
 - ✓ Recognition that Evaluation is Complex
 - ✓ Numerous Assumptions
 - ✓ Conduct Additional Feasibility Assessment
 - Three Geographic Participation Scenarios
 - Staff Recommendation: Approve \$7,500 for Additional Feasibility Assessment
 - ✓ Consistent with CAP Measure CCA-1

2. Additional Actions to Support Renewable Energy Goals

- b. Request to Participate in Solicitation Process with County of Santa Barbara
 - Outage Exposure



Source: SCE Goleta Area RFO Workshop

2. Additional Actions to Support Renewable Energy Goals

- b. Request to Participate in Solicitation Process with County of Santa Barbara
 - CPUC Decision Rejects Refurbishment of Ellwood
 - SCE RFP Expected Q1 2018
 - County Board of Supervisors Direction
 - ✓ Identify Opportunities for County and Interested Jurisdictions to Participate in SCE RFP
 - ✓ Conduct Study on Renewable Energy Potential

2. Additional Actions to Support Renewable Energy Goals

- b. Request to Participate in Solicitation Process with County of Santa Barbara
 - Staff Recommendation: Direct Staff to Participate in the County Solicitation Process for a Strategic Energy Consultant
 - ✓ Identify Opportunities for Participation in SCE's Request for Proposals
 - ✓ Study Renewable Energy & Distributed Energy Resources Potential
 - Staff Would Return with Update Once Costs Known

2. Additional Actions to Support Renewable Energy Goals

- c. Community Choice Energy - City Feasibility Study
 - Example – Pilot Power Group Study
 - Staff Recommendation: If Interested, Direct Staff to Explore Options for City CCE Feasibility
 - ✓ Return at Later Date with More Information

City Council Recommendation

1. Adopt Resolution Adopting the Renewable Energy Goal
2. Authorize Staff Participation in Additional Actions to Support Achievement of the Goal
 - a. Approve funds for Additional CCE Assessment by SB County
 - b. Participate in the SB County Solicitation Process for a Strategic Energy Consultant
 - c. Direct Staff to Explore Options for City-wide CCE