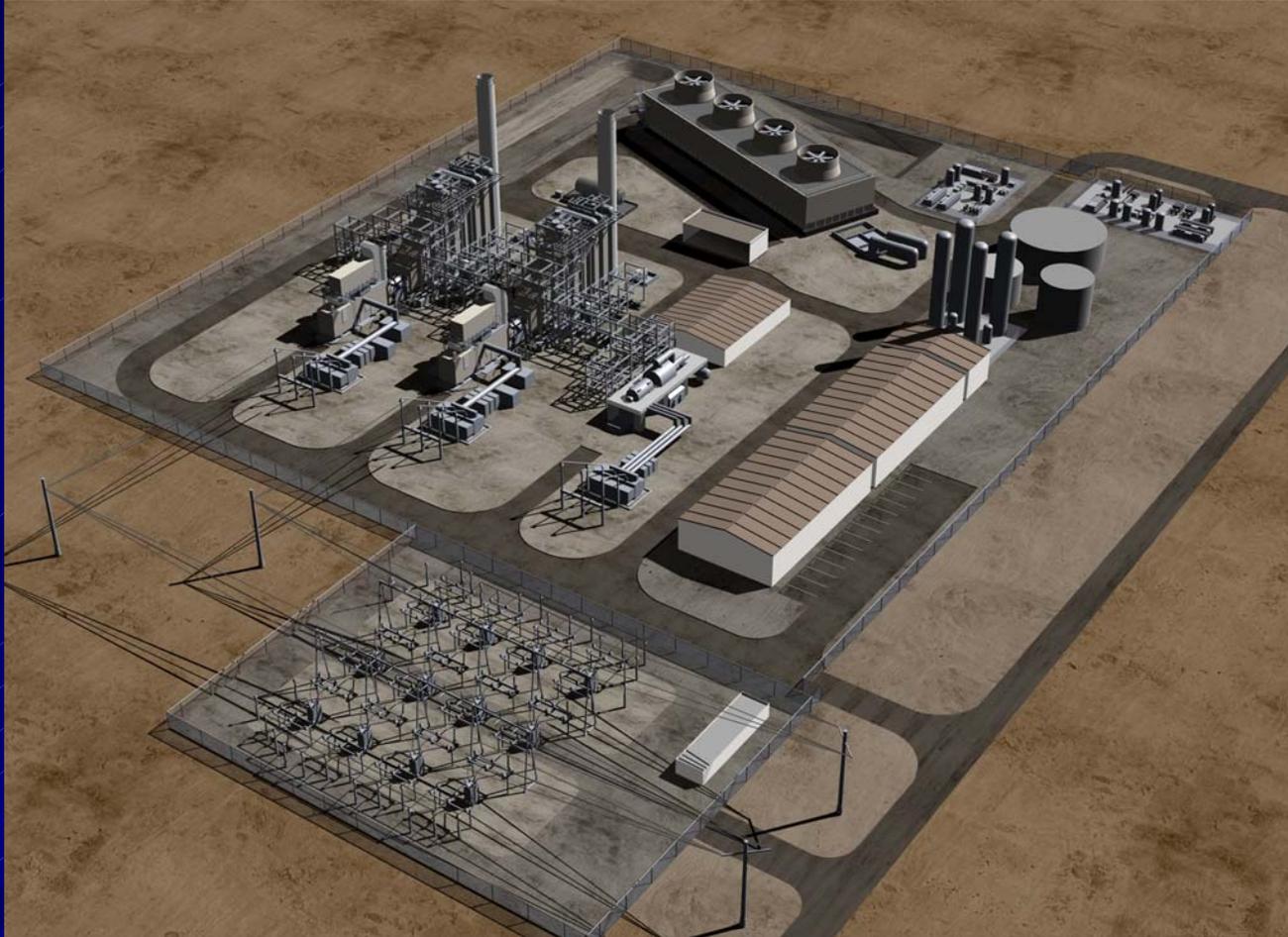


Roseville ENERGY Park



Roseville Energy Park (REP)



Roseville Energy Park

Global Benefits

- ✱ **Increase Generation in California**
- ✱ **Relieve Transmission Congestion**
- ✱ **Retire Old, Inefficient Generation**

Roseville Energy Park

Local Benefits

- ★ **Local Control**
- ★ **Increased Reliability**
- ★ **Cost Stabilization**
- ★ **Lower Premium to Manage Risk**

Roseville Energy Park

Extensive Public Outreach

- ★ **Seven Community Outreach Events**
- ★ **Fourteen Community / Public Forums**
- ★ **Five News Releases**
- ★ **Four Press Tribune Articles**
- ★ **Channel 14 FYI, Focus & Forums**
- ★ **Newsletter Inserts in RE Residential & Commercial Bills, City Reflections**
- ★ **Website Outreach—City & RE**

Roseville Energy Park

Summary Status

- ★ **Feasibility Study June, 2003**
- ★ **Four Possible Sites Evaluated**
- ★ **Preliminary Design Completed**
- ★ **Application for Certification (AFC)**
- ★ **CEC “Data Adequacy” 12-17-03**
- ★ **12-Month CEC Review Process Underway**

Roseville Energy Park Feasibility Study

- ★ 11 Configurations Studied
- ★ 160 MW Combined Cycle Selected
- ★ Reduces Need for Purchased Power



Roseville Energy Park

Alternate Sites

★ 4 Sites Evaluated:

- RE Berry Substation
- NCPA CT-1 Site—N. of Roseville
- Elverta Substation—W. of Roseville
- Pleasant Grove Waste Water Treatment Plant

★ 14 Selection Criteria Assessed

Roseville Energy Park

Preferred Site

★ Preferred Site Key Advantages:

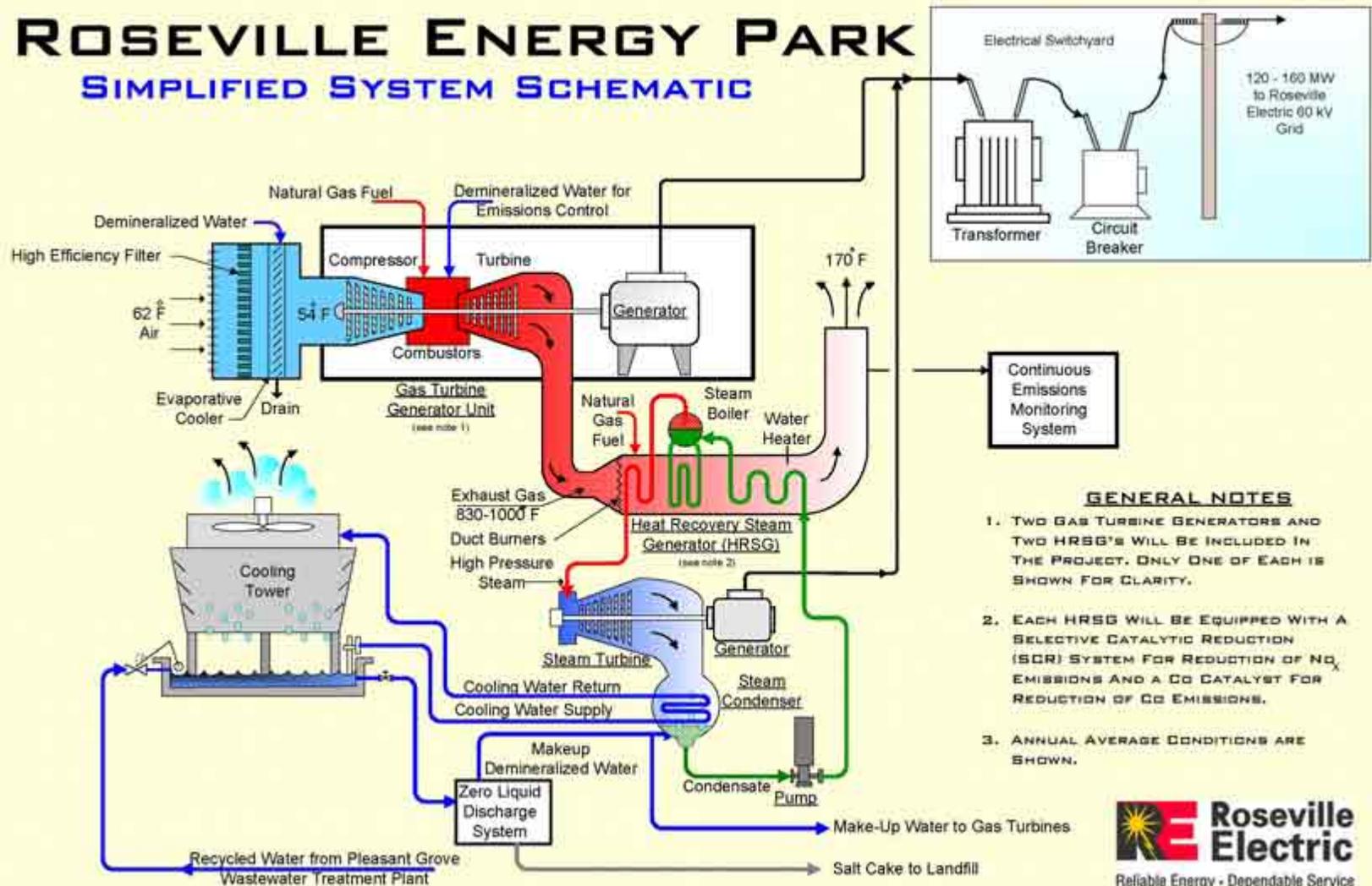
- City-Owned Site
- Adjacent to planned 60 kv line
- Adjacent to recycled water supply
- Short connection to PG&E gas line
- Lowest environmental impact

Roseville Energy Park Facility Design Features

- ★ **Best Available Control Technology**
 - Low Emissions-Uses Catalyst
 - Emission Reduction Credits (ERC's)
- ★ **Water Supply & Discharge**
 - Treated Recycled Water Supply
 - Zero Liquid Discharge (ZLD)
- ★ **Gas Turbine-Combined Cycle**
 - High Efficiency

Gas Turbine Combined Cycle

ROSEVILLE ENERGY PARK SIMPLIFIED SYSTEM SCHEMATIC



GENERAL NOTES

1. TWO GAS TURBINE GENERATORS AND TWO HRSG'S WILL BE INCLUDED IN THE PROJECT. ONLY ONE OF EACH IS SHOWN FOR CLARITY.
2. EACH HRSG WILL BE EQUIPPED WITH A SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM FOR REDUCTION OF NO_x EMISSIONS AND A CO CATALYST FOR REDUCTION OF CO EMISSIONS.
3. ANNUAL AVERAGE CONDITIONS ARE SHOWN.

Roseville ENERGY Park

