

THE | GREEN WINE  
SUMMIT

**Going Green Together  
PG&E and You: It Pays to Save Energy**

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DECEMBER 1 & 2, 2009

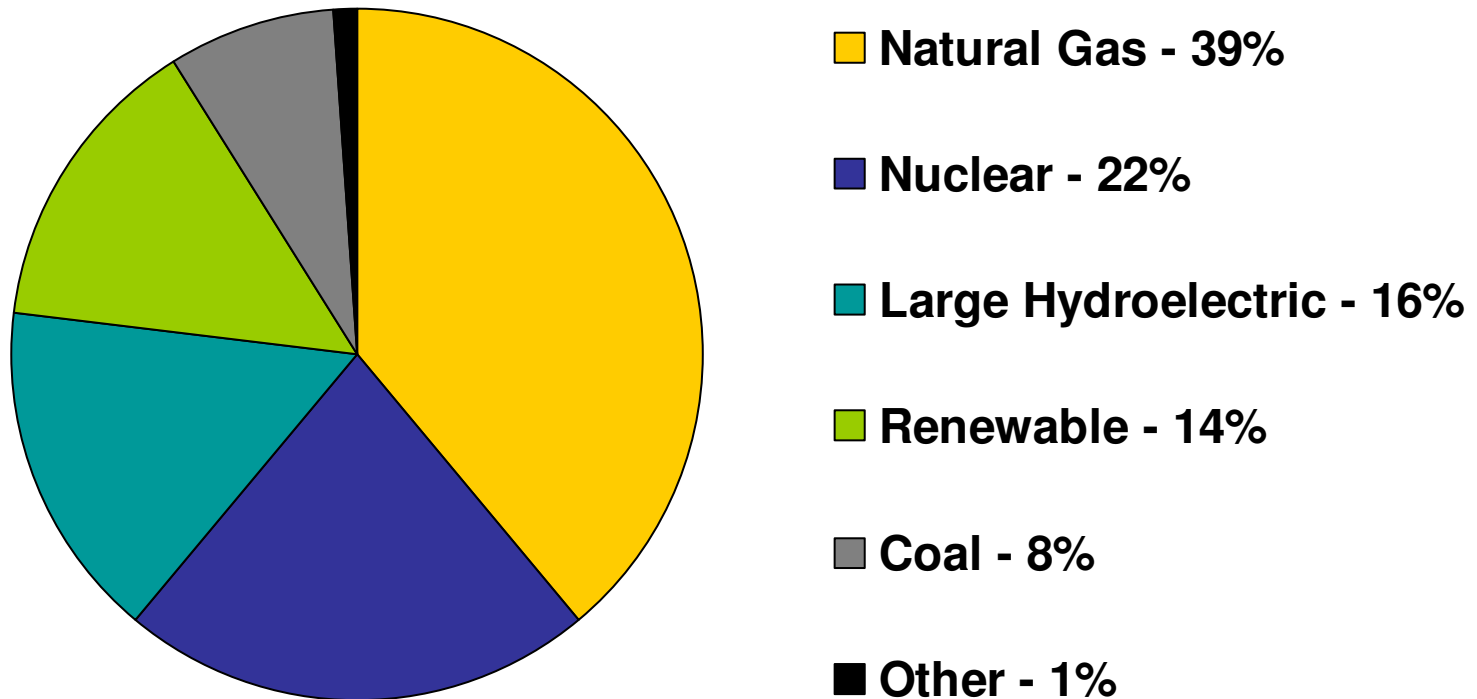
HYATT VINEYARD CREEK  
SANTA ROSA, CALIFORNIA

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## What I'll Cover

- PG&E's Electric Power Mix
- Energy Efficiency Rebate & Incentive Programs for Wineries and Vineyards
- New programs for 2010

# PG&E's 2008 Electric Power Mix



Note: Delivery mix includes all of PG&E's owned generation plus all of PG&E's power purchases.



# Facility Energy Audits

- PG&E consultant conducts an on-site audit of your facility and equipment
- Audit report itemizes 1) no cost, 2) low cost and 3) investment grade recommendations. Includes estimated energy/cost savings, investment paybacks, and calculates PG&E incentives
- For large customers, Integrated Energy Audit Provides EE, Self Generation and Demand Response Recommendations. (Currently doesn't include water, unless in the pilot)
- Report can be used to prioritize a short and long-term energy management plan with your local PG&E AS rep



# Ag Pump Test and Repair

- **Agricultural Pumping Efficiency Program (APEP)** offers pump efficiency seminars, subsidized pump tests, and incentives for pump repair
- **Pump Tests:** Program offers subsidy of \$150 for 25-75hp pumps and \$200 for 75+ hp pumps towards a pump test using a Participating Pump Test company (locate at [www.pumpefficiency.org](http://www.pumpefficiency.org))
- **Repair Incentives:** APEP offers \$0.09/kwh for estimated energy savings from pump repairs
- This program helps you know how much water you're putting through the pump for more accurate planning, and saves energy



## PG&E Rebates

- Rebates are the fastest and easiest way to get cash back for common energy efficiency retrofits
- Verify eligibility, complete your project, submit application with required project receipts, and receive your rebate in 4-6 weeks
- Winery Related Rebates:
  - Tank insulation
  - Highbay T5/T8 lighting
  - Strip curtains
- Water Related Rebates:
  - Sprinkler to drip
  - Low pressure sprinkler nozzles

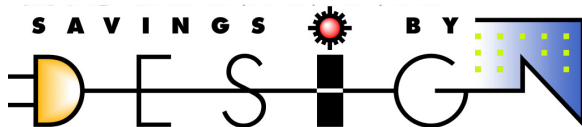
# PG&E Customized Incentives

- For projects not covered under Rebate Program
- Standard incentive rates paid for energy savings
  - \$0.05/kWh Lighting
  - \$0.09/kWh Process
  - \$0.15/kWh HVAC or Refrigeration
  - \$1.00/Therm Gas Saving Projects
  - \$100/KW demand savings
- Incentive covers up to 50% of project implementation cost, now up to about \$3.6 million cap/project.
- Incentive can go to the owner or a project sponsor
- ***Important! PG&E needs to pre-approve your project and do a pre-inspection of your existing equipment***

# PG&E Savings By Design New Construction Program



- Supports high-performance building design and construction, major renovations and remodels
- PG&E provides design assistance and engineering support during design phase
- Owner incentives up to \$500,000 based on calculated energy savings
- Contact PG&E early in project design for best results! We'll assign a project manager



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# Calculation Assistance

- You have a project in mind, but need help estimating the energy savings, PG&E can provide technical and calculation support to develop an application for our incentive programs
- Example: You're thinking of putting a VFD on your ag pump but you're not sure it will save energy or how much - PG&E will run the numbers for you.
- Individual system evaluations:
  - Boiler
  - Refrigeration
  - Wastewater Treatment

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# NEW FOR 2010

- Wastewater treatment audit/incentive program
- Continuous Energy Improvement program
- Increased rebates for wine tank insulation
- Solar Thermal energy incentives

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# Questions?

## Contact:

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