



# California Heritage Mills Project

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# A-Z Rice Production Company

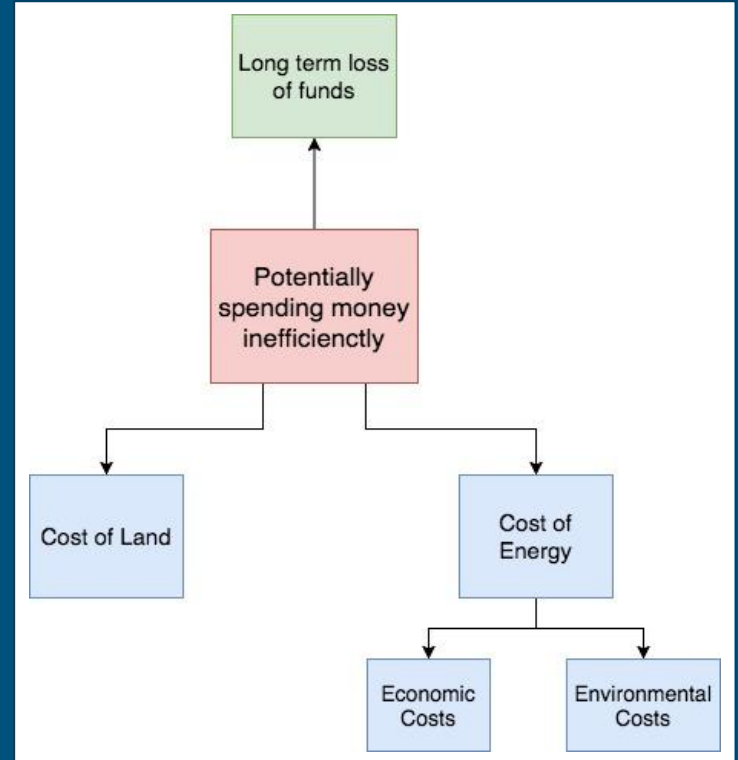
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- Grow, process, and package rice products
  - Founded in 2011
  - Large scale processing and packaging facility
  - Process and package rice from other growers
- Located in Maxwell, CA
- One of 30 rice producing companies in CA
  - Many located in Northern California



# Problem Statement

- Currently PG&E customers and leasing land
- Considering buying land and installing renewable energy
- Would like a cost-benefit analysis



# Prior Literature

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## Marlboro Mushroom Farms in Pennsylvania

- Ground installation solar panels on 7 acres
- Produce 1,783 MWh annually
- Powered 100,000 sq.ft. of growing rooms operating 24/7

## CHM Considerations....

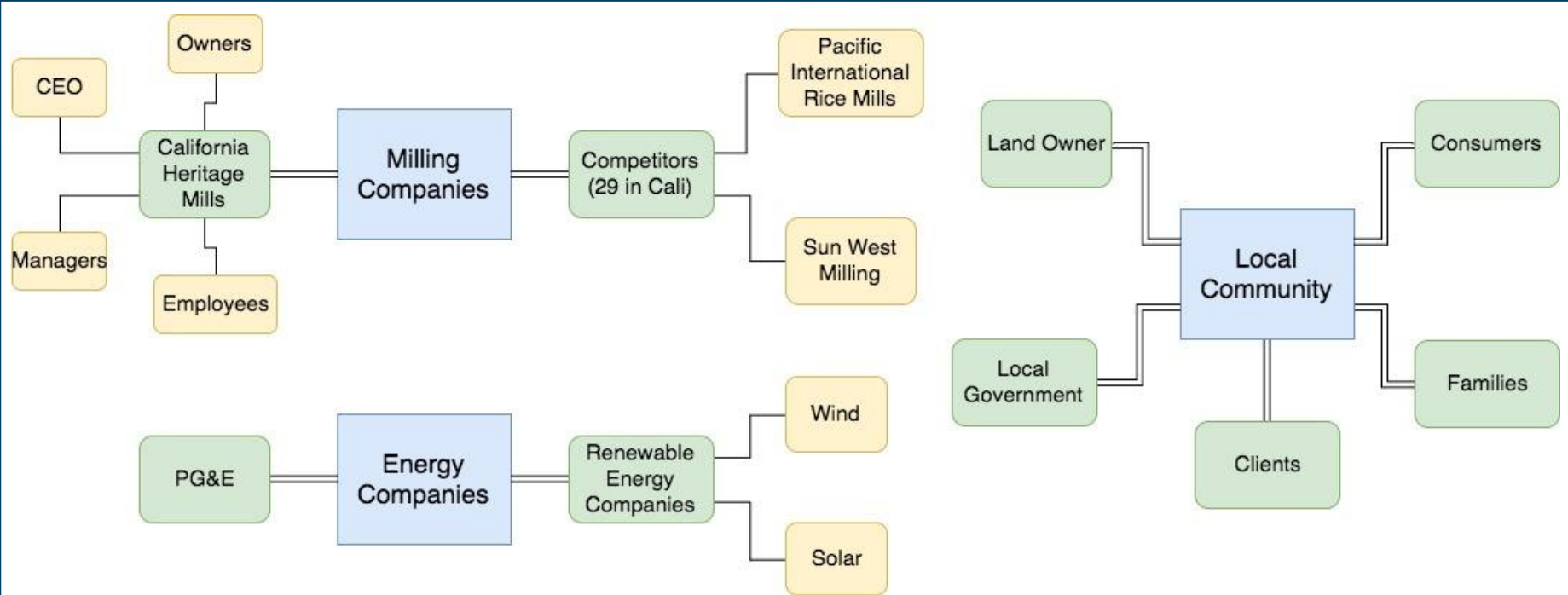
- Use approximately 3,100 MWh annually

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# Stakeholders



# Policy

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- California Solar Initiative expired on December 31, 2016
- No additional solar incentives in 2017 for businesses
- No CA tax breaks for large company land purchase

# Future Direction

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- What's the budget for the project?
- Where will the land be purchased?
- How much land can be dedicated to renewable energy production?
- Need more accurate value for annual energy consumption

# Summary

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- CHM: Rice milling company concerned about energy costs
- Solar energy has been used in agricultural systems and can cover 100% energy costs given enough land
- Main stakeholders: milling companies, energy companies, and the local community
- No current policy or incentive in place for solar energy





# Questions?

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