

# Midterm Presentation

IPRO 326  
Utilities @ IIT

March 9, 2009

# Today's Presentation

- Statement of the problem
- Team organization
- Project goals and their progress
- Major obstacles and their resolutions
- Anticipated challenges
- Q&A

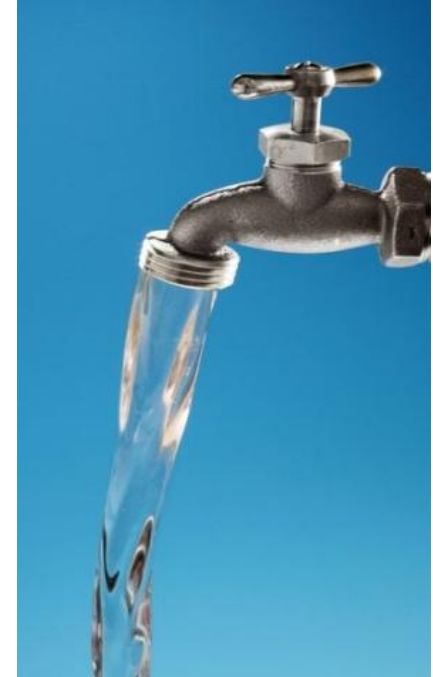
# The Issue

- \$10 million each year
- 32,000 tons of carbon emitted per year
- Promote sustainability
  - Not living up to it
- IIT needs help
  - John Collins, Joseph Clair

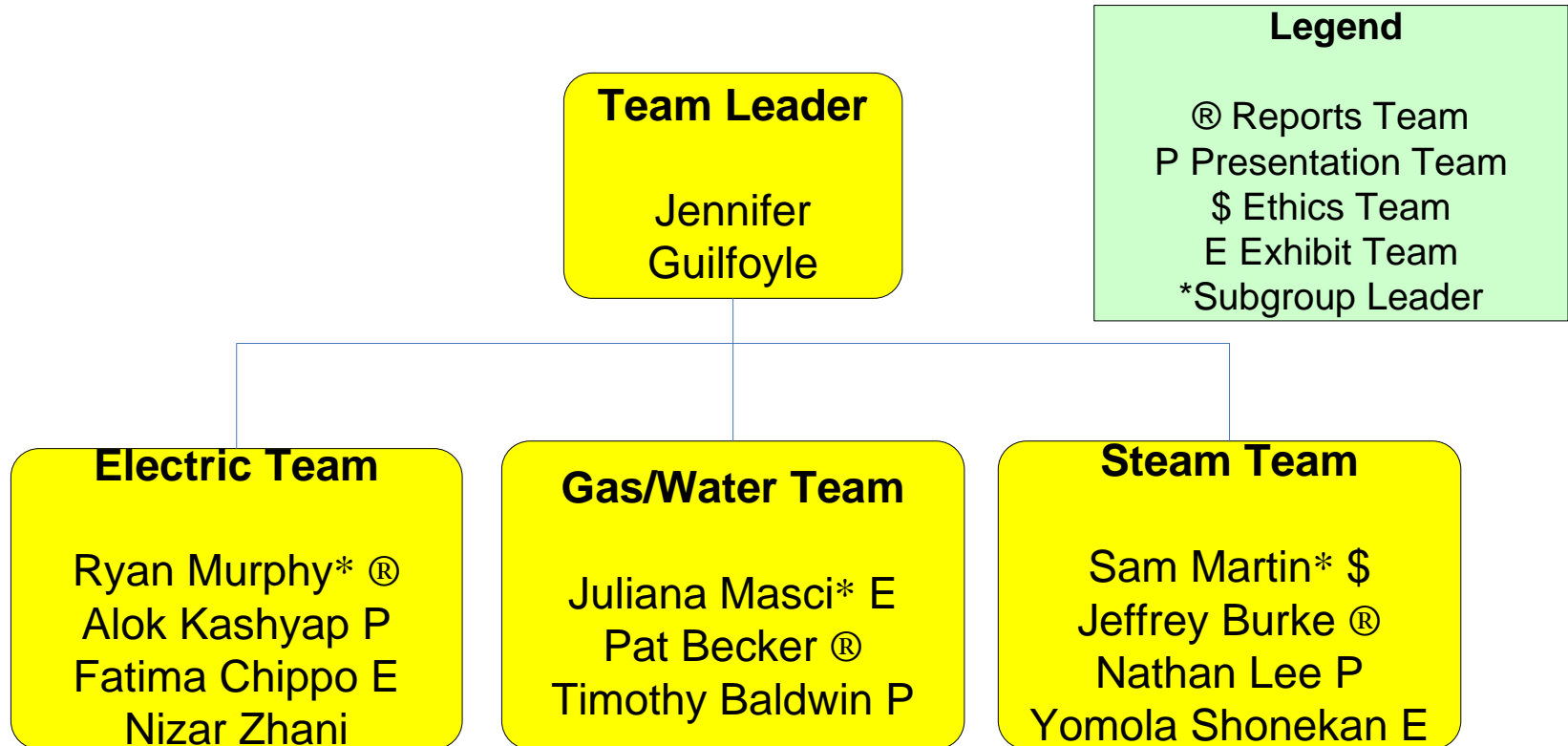


# What are we doing?

- Research current utility model
  - Water, gas, electric, steam
- Develop a new utility model for IIT
  - Conservation
  - Efficiency
- Solution in 16 weeks



# Team Organization



# Project Goals

- Research efficiency barriers
- Investigate current utilities
- Examine metered pricing
- Develop new utility model
  - Encourage efficiency
  - Promote sustainability
  - Financially viable



# Progress Toward Goals

- Research
- IIT Steam Plant Tour
- Q/A with utilities expert
- IIT's current electricity model
- Metering system and current rates
- Methods for increasing efficiency

# Obstacles & Resolutions

- Certainty and Scope

Purpose and goals cleared up

- 
- Locating data

Sources located; more data needed

- 
- Communication

Contacts established

- 
- iGroups / Google Groups

All members familiarized with the technology



# Anticipated Challenges

- Creating utility model
- Scope creep
- Processing data
- Time



# Coming Up

- Additional data on IIT's current utility
  - Rate structure
  - Current costs
  - Future needs
  - Infrastructure
- Regulations
- Efficient alternatives



# Questions?



utilities at illinois institute of technology