RNG AS A VEHICLE FUEL

A TECHNICIAN’S PERSPECTIVE
PRESENTATION OUTLINE

- PROJECT DEVELOPMENT
- MANAGEMENT AND OPERATIONS
- LESSONS AND FUTURE PLANS
PROJECT DEVELOPMENT

KEY FACTORS

- **SUFFICIENT FUNDING**
- **WELL SOUGHT OUT PLAN**
  - BEST CONSULTING POSSIBLE
  - CONSTRUCTION/ POST CONSTRUCTION
  - SIZING YOUR CNG STATION
  - CONSIDER THE GEOGRAPHICS/CLIMATE
  - ACQUIRING YOUR VEHICAL FLEET etc....

- **THE RIGHT DEVELOPERS**
  - (TECHNOLOGY)
- **PLANE FOR FUTURE EXPANSION**
- **EMPLOYEES WITH REQUIRED SKILL SET** *
  - PROFESIONAL TRAINING
  - CONTINUOUS ED
MANAGEMENT AND OPERATIONS

- MONITOR CONSUMPTION
- REMOTE
- TRACK OPERATING COST
- PLAN SCHEDULE MAINTENANCE
  - RUN HOURS
  - DAILY
  - WEEKLY
  - MONTHLY
  - SEMI-ANNUALLY
  - ANNUALLY
- GAS SAMPLING
  - H2s
  - Siloxanes
  - VOCs
- MEDIA CHANGE OUT
- DESICCANT REGEN/REPLACED
- OILS AND FILTERS
- IMPLEMENTATION
LESSONS LEARNED

- Understanding system operation is critical
- LFG composition/quality is key
- Fleet management is essential
- Environmental incentives vary greatly
- Many elements in determining operating costs

  - Resource allocation
  - Remote monitoring
  - Media replacement
  - Gas sampling
  - Equipment servicing
  - Testing equipment
THANK YOU
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