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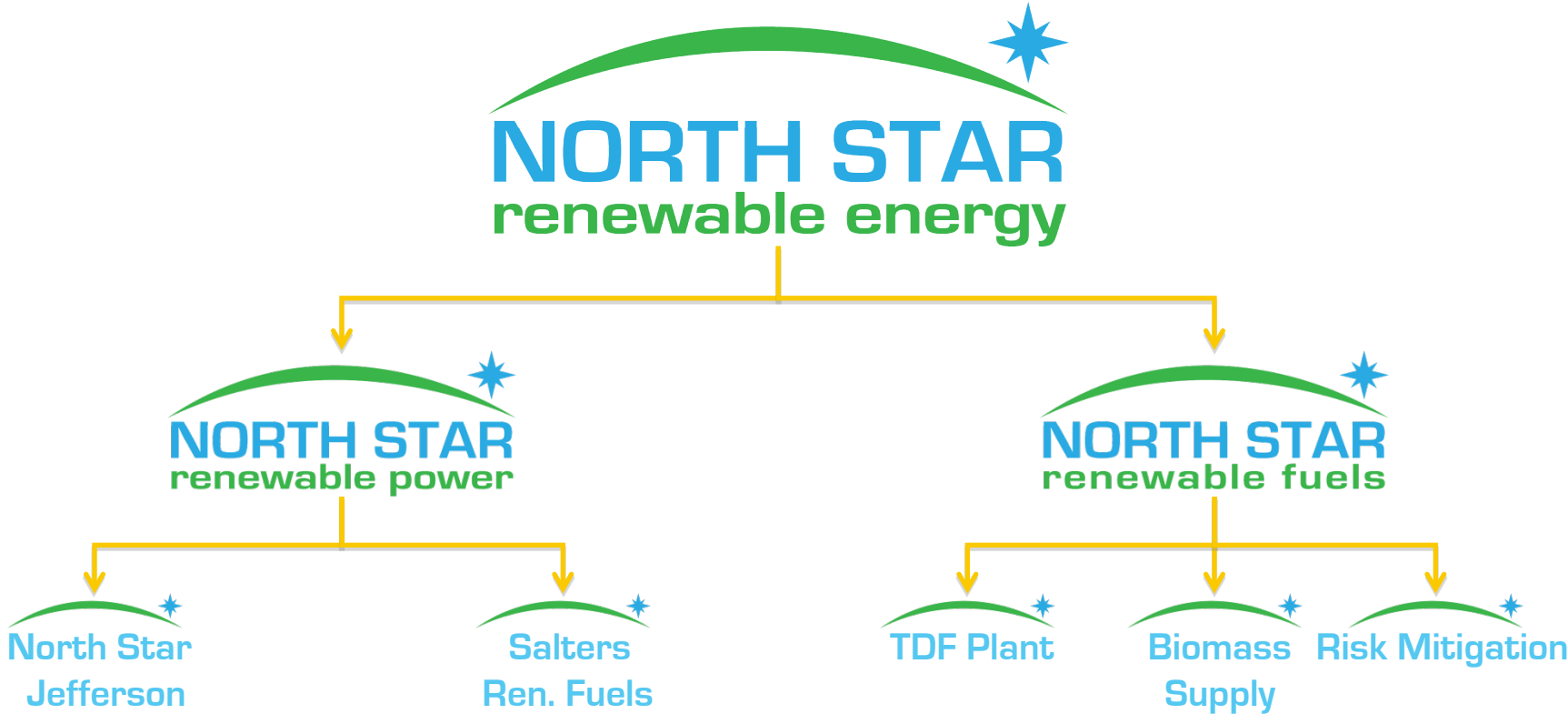
# About Us



Develops, Owns, and Operates  
Biomass Fueled Power Projects

Processes and Provides Biomass Fuels To  
Electric Utilities Throughout North America

# Our Structure



# Socioeconomic Solutions



Reduce dependence on foreign oil through use of domestic biomass fuels



Climate Change



Economic stimulants to local economies through renewable energy projects

# North Star Business Objectives

- ★ Develop Biomass Fueled Power Projects
  - 21 Mw Model
  - Minor Emission Source
  - 270,000 Tons Biomass consumed annually
    - Displaces 420,000 barrels of crude oil
    - Annual savings of ~ \$37 million  
\$42mil. - \$5.3mil.

# Inherent Risk to Power Plant Development

1. Revenue Source Contracted
2. Fuel Risk
3. Construction Risk
4. Regulatory Risk

# Who's Your Buddy?

- Fuel vs. Capital Cost
  - What do you control? What's your sweet spot?
  - Diesel vs. Stumpage vs. Weather vs. Competition
  - Will you take fuel risk?
    - Bark
    - Sawdust
    - Chips
    - Distance

# North Star Jefferson

- Tire Derived Fuel
  - 20% TDF / 80% Biomass (By weight)
    - 46% heat input - TDF
    - Reduced Particulate, CO and NOx
  - Will you take fuel risk?
    - Manufactured Wood Waste
    - Reduced Biomass consumption by half
    - Hedged Your Diesel Risk



# Community Benefits

- ★ Produces Jobs in Local Community
- ★ Generation of work for 100 people
- ★ Shores up local economy
- ★ Rejuvenates agricultural communities
- ★ Breathes Life into Abandoned Industrial Sites
- ★ Sized to Encourage Local Investment
- ★ “Community Power Plant”

# North Star Renewable Energy is...

- ✦ a renewable energy power producer,
- ✦ a renewable energy fuel supplier,
- ✦ a partner to local communities, and
- ✦ an environmental steward for our world