

# ERTEC Environmental Systems

Protecting the Integrity of Global Lands and Waterways™

## Case Study

ProWattle™  
Power Plant Construction



- > Lower Operational Costs
- > Better Performance
- > Sustainable—Zero Waste
  - ✓ Reusable
  - ✓ Recyclable



**Application:** Solar Panel—Plant Construction  
**Product:** ERTEC ProWattle™  
**Location:** Elk Grove, California (3 sites)  
**Customer:** Swinerton Construction

ERTEC ProWattle™ is ideal for projects which last more than 9 months as a replacement for traditional devices such as silt fence and wattles. **Its advantages are significant. It will endure the entire project and require almost no maintenance. It is higher performing, lower cost, and zero waste.** ProWattle™ is designed to protect slopes, swales & perimeters from erosion and dramatically reduces logistics, installation and maintenance costs. ProWattle™ is fast to install and unlike straw wattles and silt fence, it spreads rather than concentrates flow.



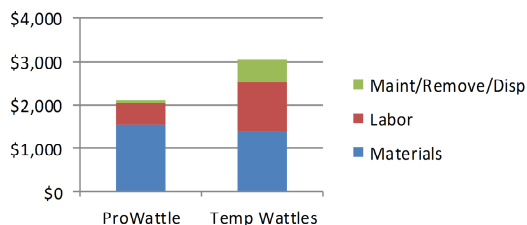
ProWattle™ used as a check-dam

**The Challenge:** Current best practice is to use either silt fence or wattles to keep sediment from moving off-site. In this application, wattles and silt fence can become ineffective by allowing damming and undercutting. As the straw or fence material decays, storm water flow through and overtopping becomes common. Solar Plant construction projects often last 18 months or more and it is common that a large percentage of the wattle or silt fence installation must be maintained or replaced. ProWattle™ can overcome the above concerns, provide better risk management, and provide a significant economic advantage to the builder.

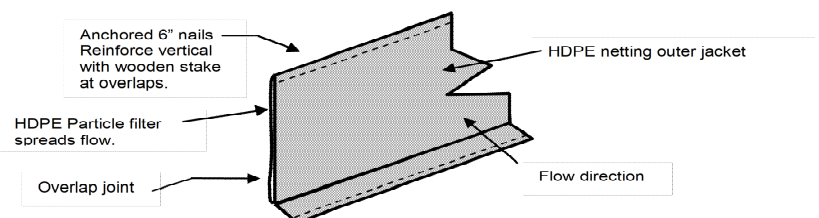


ProWattle™ can be used on Perimeters, Slopes, and Swales.

### ERTEC ProWattle™ vs. straw wattles



**Results:** “ERTEC performed very well during the winter. ERTEC is all-around much easier to work with than wattles or silt fence. The hassle factor is way less. ERTEC is much more durable than wattles, providing for a large cost savings.” -



Several U.S. and Int'l Patents apply

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