

Agricultural Initiative Overview

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ACEEE
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NORTHWEST ENERGY EFFICIENCY ALLIANCE

Market Transformation

- Encourage manufacturers, distributors and service providers to make affordable energy-efficient products and services available in the marketplace.
- Works to remove barriers that prevent a product or service from being manufactured and sold.
- Sustainable change in practices (business and / or operations) by market actors and end-users.



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Agricultural Projects

- Market Segment Focus
- Proprietary Products
- Cross-cutting Technology
- Infrastructure Influence
- Component vs. Systems Approach



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Agricultural Projects

- AgriMet Weather Station Network
- AM400 Soil Moisture Data Logger
- Subsurface Drip Irrigation



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AgriMet Weather Station Network

- **Project:** Regional system of more than 85 remote weather stations that provide data to growers.
- **Target Audience:**
 - Irrigators
 - Crop and irrigation consultants
 - Agricultural extension services and government agencies
- **Customer Benefits:**
 - No-cost, real-time weather data and crop water use charts available on the Internet
- **Contractor:** U.S. Bureau of Reclamation
Peter Palmer
www.pn.usbr.gov/agrimet



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AM400 Soil Moisture Data Logger

- **Project:** Market low-cost soil moisture monitoring device
- **Target Audience:**
 - Irrigators
 - Golf courses and municipal parks
 - Agricultural extension services
 - Soil and water conservation districts
- **Customer Benefits:**
 - Energy savings through reduced pumping
 - Optimized water use
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- **Contractor:** M.K. Hansen Co.
Mike Hansen
www.mkhansen.co



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Subsurface Drip Irrigation

- Project: Demonstration of product in alfalfa fields
- Target Audience:
 - Irrigators of med-value crops
 - Agricultural extension agencies
 - Agricultural researchers
- Customer Benefits:
 - Improved management of water use
 - Potential energy savings
- Contractor: Clearwater Supply
Bob Mittelstadt
www.cwsupply.com



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