San Luis Valley Renewable Energy Symposium
Adams State College
Alamosa Central Solar Electric Project

December 2, 2006
Agenda

• SunEdison Introduction

• Solar Farm Project
SunEdison SPSA Model

SunEdison is North America’s largest Solar Energy Service Provider delivering turn-key, predictably priced renewable electricity services for commercial, government and utility customers without the high capital outlays traditionally associated with solar solutions. Using industry proven technology, SunEdison delivers a complete service; we finance, install, own, operate and maintain photovoltaic power plants at the customer’s facility.
SunEdison – Who We Are

- Five Offices Across the U.S.
- Pioneered the SPSA approach
- Completed more than 24mW of projects
  - Generating greater than 5mW per month
- Greater than $200M in project and organizational funding through 2006.
- Our Investors:
  - Goldman Sachs
  - MissionPoint Capital Partners
  - Allco Finance Group
Our Customers

Commercial

WAL*MART*
STAPLES®

that was easy.

WHOLE FOODS MARKET

Walgreens.com

Public Sector and Utility

Xcel Energy
STEVENS Institute of Technology
SMUD

Sacramento Municipal Utility District
The Power To Do More.

SDGE

A Sema Energy utility

The California State University
Xcel’s/SunEdison’s Objectives

Solar generated electricity tied to Amendment 37

• Solar electric power generation tied to PSCo substation
• Clean, quiet, very low maintenance operation
• 16,800 MWh in first full year of operation
• 20 year Power Purchase Agreement
San Luis Valley- Ideal Location

Ideal solar location

- In highest band of solar resource
- Land to support sufficient power
- Colorado financial equation works
Our Alamosa Project

- 8.0 MWdc photovoltaic solar electricity generating system—enough electricity to power 4,000 Average Homes annually-tied to nearby substation

- Energy delivery beginning December 2007

- Maintenance and Security plan development for operation and maintenance for 20 year agreement term
Project Rendering
Alamosa Project Schedule

- Signed Solar Energy Purchase Agreement
  9/4/2006
- Project Planning, Design, & Engineering
  Complete 11/06
- Commence State and County Permitting Process
  11/06
- Pre-Installation & Pre-Construction Complete
  3/22/07
- Solar Power Plant Installation Complete
  12/10/07
Projected Water Usage

- 2-3 Months of 3,500 gal/day for dust control during construction- 1.0 acre feet of water total

- Maintenance- washing panels – 0.2 acre feet annually
Site Security

- Fenced off to prevent anyone from entering site
- Maintenance and security personnel in place when installation finished
Dust Control

- Dust is the enemy to good solar production
- Studies already completed on dust mitigation
Reflectivity (Glare)

- Engineering study completed to optimize solar module positioning to minimize and control for no disturbance

- All modules track sun to help minimize reflectivity and increase power production
Job Creation

- SunEdison expanding nationally
- SunEdison wants to hire locally- Job fairs in Alamosa and Mosca/Hooper
- RFQ’s to go out – want to encourage local contractors to bid
Benefits to Alamosa County

- Property Tax revenue- 40 fold increase
- Sales Tax Revenue
- Educational/Viewing Center
- Economic impact of construction phase