Vertically-integrated solar thermal energy company that designs, develops, owns and operates large-scale solar energy plants and supplies proprietary technology to deliver clean, low-cost, reliable solar energy in the form of steam and/or electricity.
BrightSource Energy Snapshot 2

Headquarters in Oakland, California, 82 employees in the U.S.

- Offices in California, Arizona and Nevada
- Wholly-owned subsidiaries in Israel, 202 employees
  - BrightSource Industries (Israel) Ltd. ("BSII") – Technology, Engineering, and R&D
  - BrightSource Operations (Israel), Ltd., ("BSOI") – Supply Chain
Company Highlights 1

Proven, Environmentally-Responsible Technology:
- BrightSource’s Solar Energy Development Center (SEDC) generating highest temperature and pressure solar steam in the world
- Dry-cooling reduces water use
- Environmentally-friendly design

Largest Backlog in Industry:
- 2.6GWs of signed PPAs with PG&E, SCE
- Shortlisted for a project in Israel
- Project approved in Crete
Company Highlights 2

Projects Under Construction:

- **Chevron Solar-to-Steam for EOR**

- **Ivanpah - 392MW Electric for PG&E & SCE**
  - Bechtel as EPC and Investor
  - $300MM NRG equity commitment
  - $1.37B DOE loan guarantee
  - ITC cash grant eligible
  - Commenced construction October 2010
Policy Challenges for Utility Scale Solar Projects

**SOLAR DEVELOPPER**
- PPA's
- Project & Company Financing
- On time/budget Construction, O&M
- Access to transmission / market

**Investors**
- LGIP
- Expansion/upgrades planning
- Funding transmission and Gen. ties
- Interconnection Agreements

**Lenders**
- ISO
- Approval of PPA or Purchase/Sale
- Siting and permitting of Project
- RPS Compliance
- Standards for Pricing (TOD/MPR)
- Standards for Gas Use
- Resource adequacy

**State Legislatures**
- Congress
- State Agencies
- DOE
- FERC
- BLM

**Stakeholders**
- Communities
- Consumers
- Environmentalists

**Utility**
- REITI
- WECC
- PMAs
- WREZ

**Funding**
- Transmission and Gen. ties
- Interconnection Agreements
- Procurement and cost recovery

**Lenders**
- RPS
- Climate
- Generation Permitting & Siting
- Transmission Permitting & Siting
- Property Tax
- Sales Tax

**State Agencies**
- Approval of PPA or Purchase/Sale
- Siting and permitting of Project
- RPS Compliance
- Standards for Pricing (TOD/MPR)
- Standards for Gas Use
- Resource adequacy

**FERC**
- Interconnection Rules
- Transmission Funding
- Transmission rates & allocation
- Reliability
- Backstop siting
- Transmission planning

**DOE**
- Loan Guarantees
- Backstop siting
- Transmission corridors
- Solar development policy
- R&D Assistance

**BLM**
- 299 Applications
- Solar Energy Zones
- Land use planning
- Environmental / project permit (NEPA)
- Rent
- PEIS for Southwest
- Transmission Corridors

**State**
- California
- Arizona
- Nevada
- New Mexico
- Utah
- Colorado
- Texas

**BrightSource Energy**

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