



# SunSource Energy

*Simplifying Energy Transition*

[www.sunsource-energy.com](http://www.sunsource-energy.com)



# SunSource Energy: Overview



**DEVELOPS, BUILDS, AND OPERATES DISTRIBUTED POWER  
INFRASTRUCTURE FOR COMMERCIAL AND INDUSTRIAL CUSTOMERS**

# A member of the SHV family

SHV is a 125-year-old privately held family company with a strong position in a number of operational areas and selected investment activities

**20**

(€bn) turnover

**15**

(€bn) Total Assets

**56,750**

Employees

**71**

Countries

## SHV's impressive portfolio of companies



Energy distribution



Heavy lifting and transport



Food cash-and-carry



Industrial services



Animal nutrition and aquafeed



Private equity investments

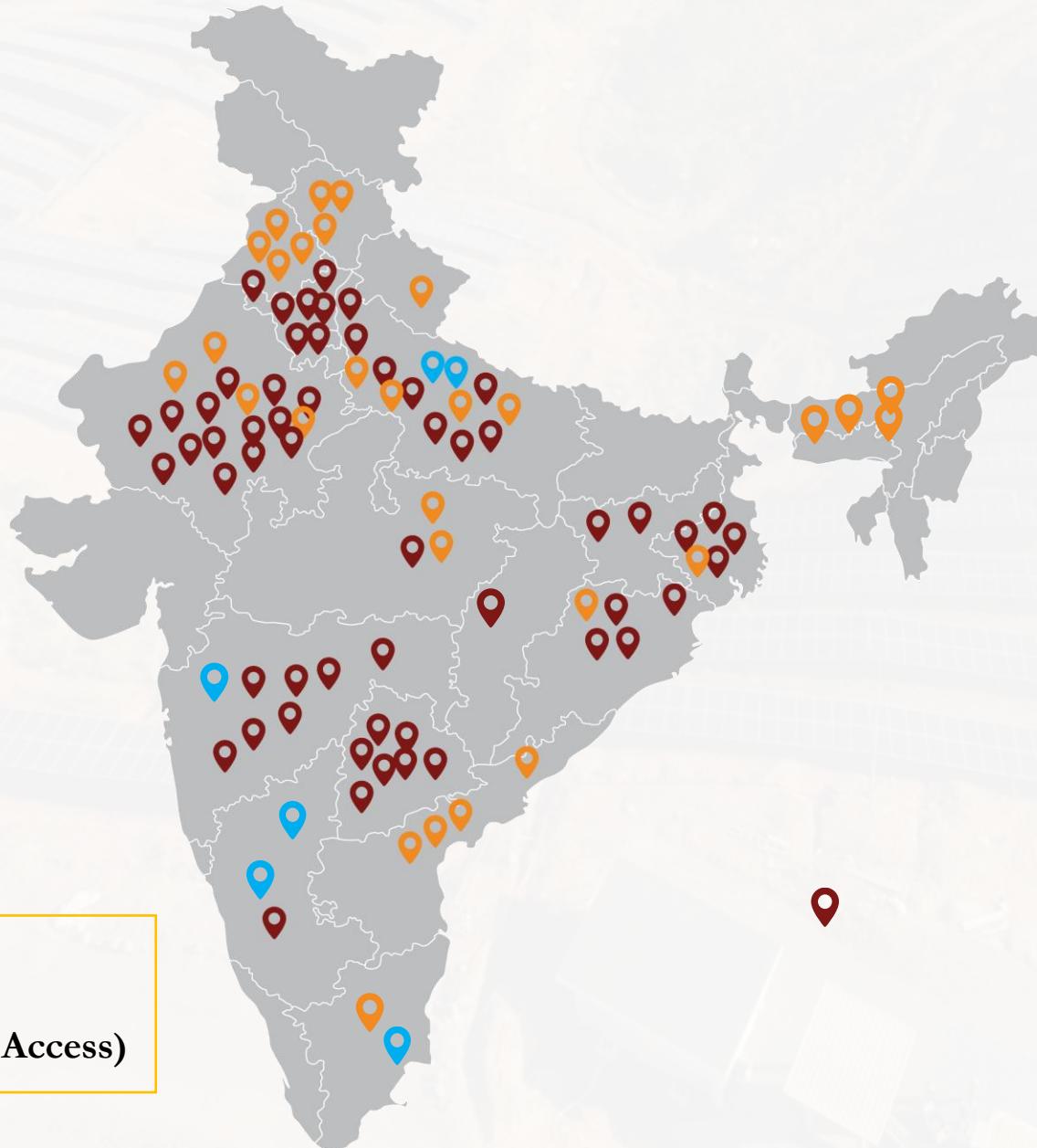


Testing, inspection and certification



Oil & gas investments

# SunSource Energy is a leading distributed solar company in India



## PPA Portfolio at a Glance

SunSource Energy focus' on providing commercial and industrial customers solar products and services across the entire value chain from solar design and engineering to asset financing, PPAs and long-term O&M services.

24

Presence across 24  
Indian states

300  
MW

Interconnect/  
Signed PPAs with a  
strong project pipeline

# With a global footprint



Office



Projects Developed



Projects Designed

150+

Solar power  
projects delivered

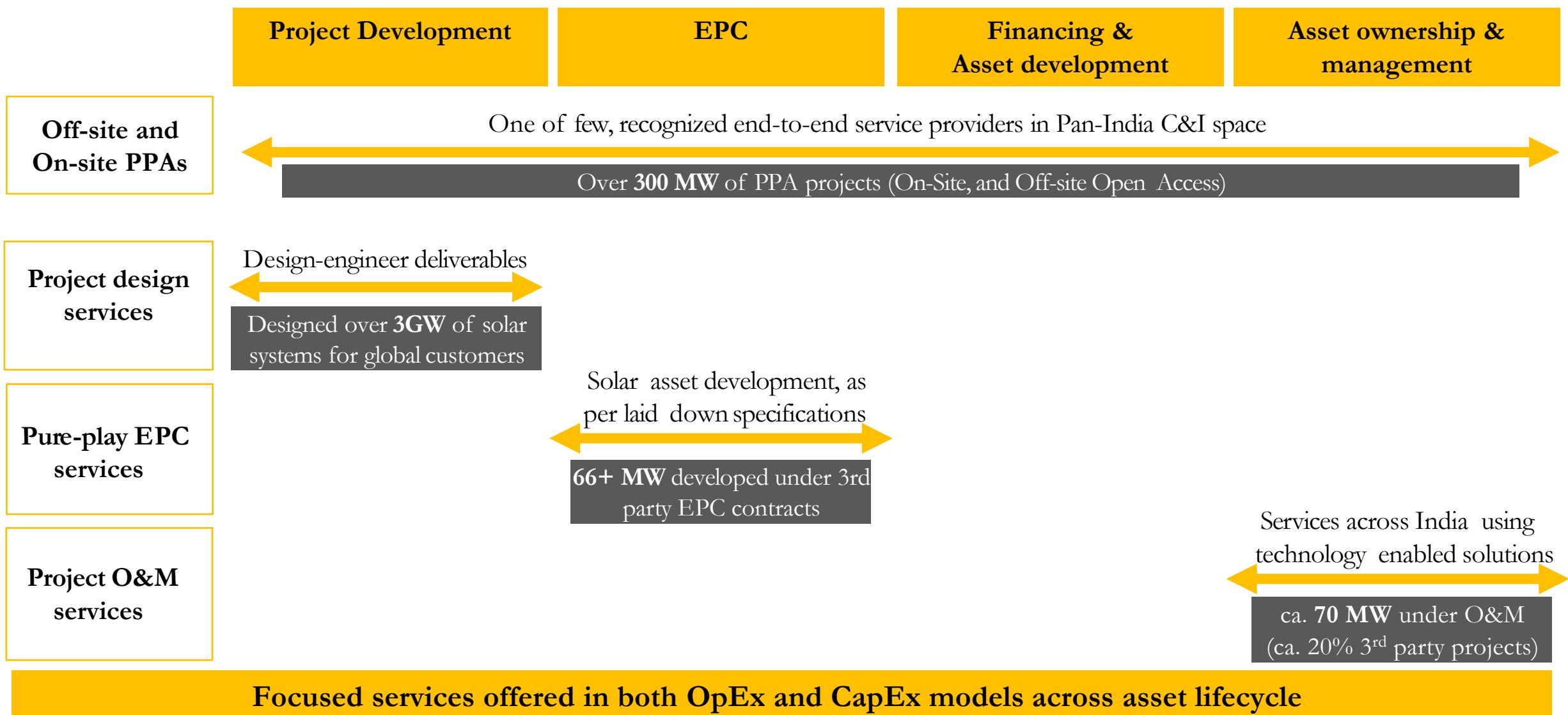
3GW

Designed across  
the globe

60+

Cities covered

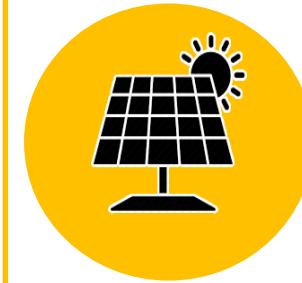
# SunSource offers integrated business models across the solar value chain



# Value added services (Design and Engineering)

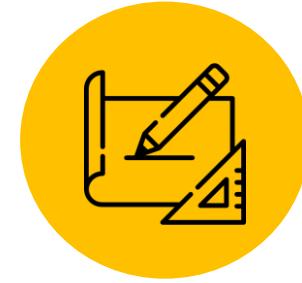


## SunSource Energy Design and Engineering Portfolio at a glance



**3 GW+**

Designed



**1000+**

Monthly Drawing  
Capability



**30+**

Countries

**Experience of delivering Residential, Commercial and Industrial, and Utility Scale projects across multiple geographies**

# SunSource Energy off-site Solar projects

## Maharashtra 1

**Location:** Sholapur, Maharashtra  
**Capacity:** 10 MWp  
**Status:** Under Development

## Karnataka 1

**Location:** Gadag, Karnataka  
**Capacity:** 75 MWp  
**Status:** Under Development

## Tamil Nadu 1

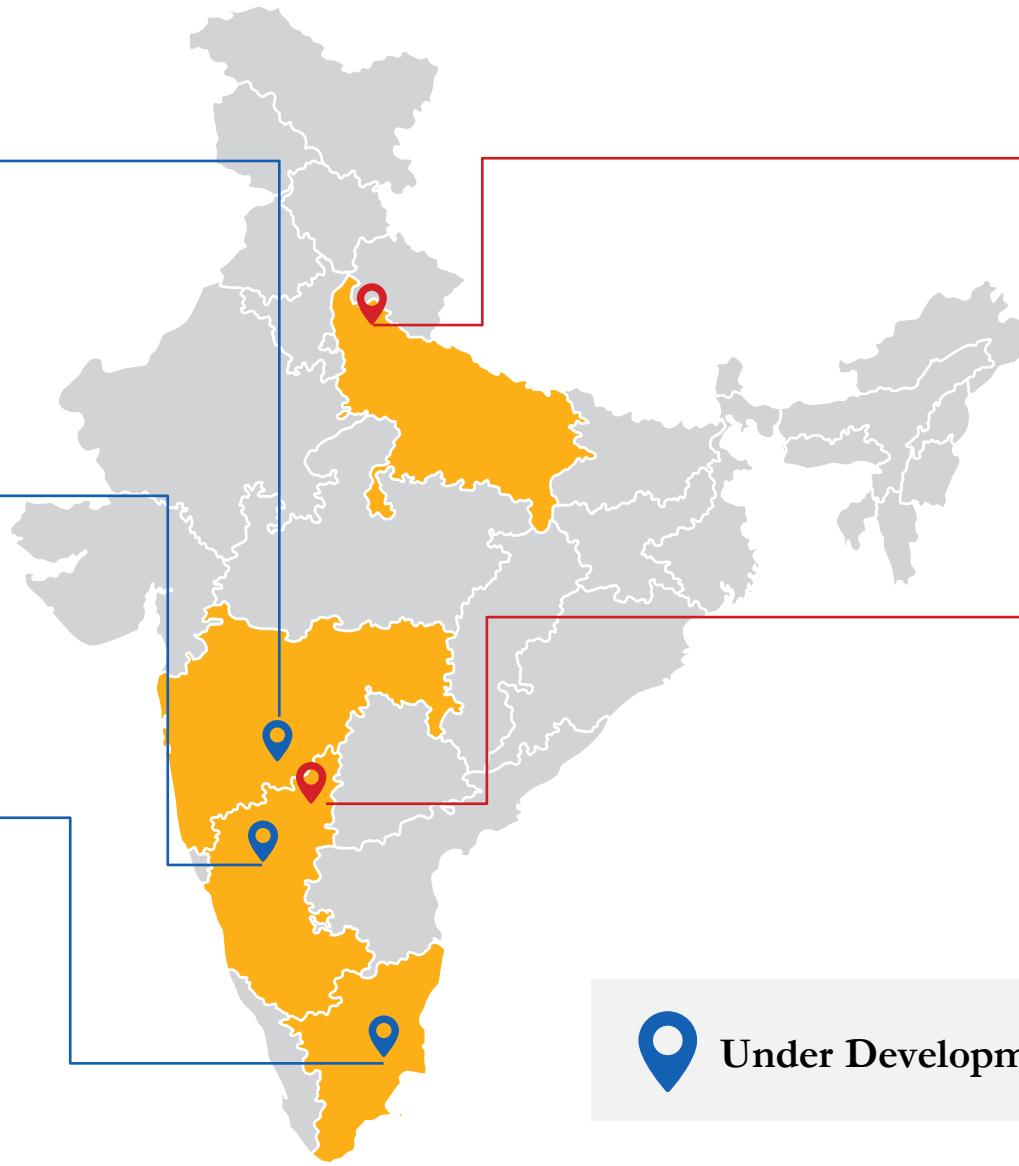
**Location:** Tiruchirappalli, Tamil Nadu  
**Capacity:** 22.5 MWp  
**Status:** Under Development

## Uttar Pradesh 1

**Location:** Bijnor, Uttar Pradesh  
**Capacity:** 45 MWp  
**Status:** Developed

## Karnataka 1

**Location:** Gulbarga, Karnataka  
**Capacity:** 28 MWp  
**Status:** Developed



Under Development



Developed

# Case study: Off-site open access project at Uttar Pradesh



**Project:** Uttar Pradesh Open Access Project

**Location:** Uttar Pradesh, India

**Capacity:** 45 MWp

**Solution:** Open Access

## Highlight:

- One of the largest open access solar power projects in the state of Uttar Pradesh
- C&I customers in Uttar Pradesh to sign fixed price Corporate PPAs with SunSource Energy
- Off-site ground mount solar power solution that will provide clean energy to our customers using state's Transmission and Distribution network

# Case study: Off-site open access project at Karnataka



**Project:** Karnataka 1 Open Access Project

**Location:** Karnataka, India

**Capacity:** 28 MWp

**Solution:** Open Access

## Highlight:

- Provides clean power to a large steel company
- SunSource Energy's 1<sup>st</sup> Open Access in Karnataka

# Case study: On-site rooftop solar project for a leading textile company



**Project:** Leading textile company

**Location:** Rajasthan | **Capacity:**  
11.6 MW

**Solution:** Rooftop Solar Power Plant

**Highlight:**

- Large scale industrial process use of solar power
- Project was won in 4 phases in consecutive years, showing our ability to win multiple projects with a single client and building long-term relationships

# Case study: Island Electrification by Optimizing Land Usage



**Project:** Andaman Floating Solar + Storage Project

**Location:** Andaman Islands, India

**Capacity:** 4 MW Floating Solar + 1 MWh BESS

**Background:** Andaman and Nicobar Islands, a UT consisting of 572 islands have a peak power demand of ~58 MW. These islands rely on diesel based power due to isolation from India's national grid.

**Solution:** Floating Solar+Storage

## Highlight:

- One of the world's first floating solar projects with battery energy storage.
- Lifetime diesel saving of 6.4 Crore ltr; Annual CO<sub>2</sub> emission offset: ~2 lakh Tonnes
- ~40,000 sq. m land saved

# Value added services (Full-stack Asset Management)

Spectrum of Offerings

Core Services

Additional Services



## ON-SITE OPERATIONS & MAINTENANCE

On-site and corporate teams to monitor and tackle any deviations  
Critical deviations escalated to CEO

Regular check-ups and cleaning of solar power plants

Spare parts and inventory management including timely inverter replacement

Plant security

Warranty claim activities and records



## REMOTE MONITORING

Production and performance analysis report

Alarms, incidents and interventions report

Network operating center (NOC) software for real time monitoring of the asset, improving performance and system life.

Offered on a standalone basis

Managing performance of 100+ sites & optimizing power output through diligent monitoring & maintenance

# Co-Founders | Experience in Solar Energy



**Adarsh Das**

Co-founder and CEO

- ▶ **MBA – Ross, University of Michigan, US**
- ▶ **MS – Solar Energy Engineering – University of Massachusetts, US,**
- ▶ **B.Tech. – IIT Kharagpur**
- ▶ **20 years** of renewable energy experience in engineering and commercial roles globally
- ▶ Worked with leading solar companies viz. Solecra, GE, Konarka Technologies, SELCO and DTE Energy. Helped launch utility scale solar project development group at DTE Energy, with capital commitment of **>USD 200 Mn**
- ▶ Worked with Booz and Company, Chicago as a Management Consultant
- ▶ Member of Solar Energy Society of India
- ▶ Leads business development, project development, financial and capital related efforts, and Asset management



**Kushagra Nandan**

Co-founder and MD

- ▶ **MS, Solar Energy Engineering – University of Massachusetts, US**
- ▶ **BS in electrical engineering, Manipal University – India**
- ▶ Awarded **Businessworld's “40 under 40”** for being a pioneer in green energy
- ▶ **Part of founding team** and technical lead at US based solar developer **Conti Group's IPP unit**
- ▶ Worked with various leading corporates like Sunpower, GE, SunDurance Energy, New Energy Options Inc., Astro Power and Center for Sustainable Energy at the University of Massachusetts
- ▶ Co-Chair of the UP State Development Council of ASSOCHAM
- ▶ Member of interconnection group at Mid- Atlantic Solar Energy Association
- ▶ Served as **solar expert for IFC, World Bank.**
- ▶ Looks after strategy, project execution, technology and engineering efforts division at Sun Source

# Board of Directors: committed to sound corporate governance



**Kushagra Nandan**

Co-Founder and  
Managing Director



**Adarsh Das**

Co-Founder and  
Chief Executive Officer



**Bram Gräber**

Director



**Ajay Kumar**

Director



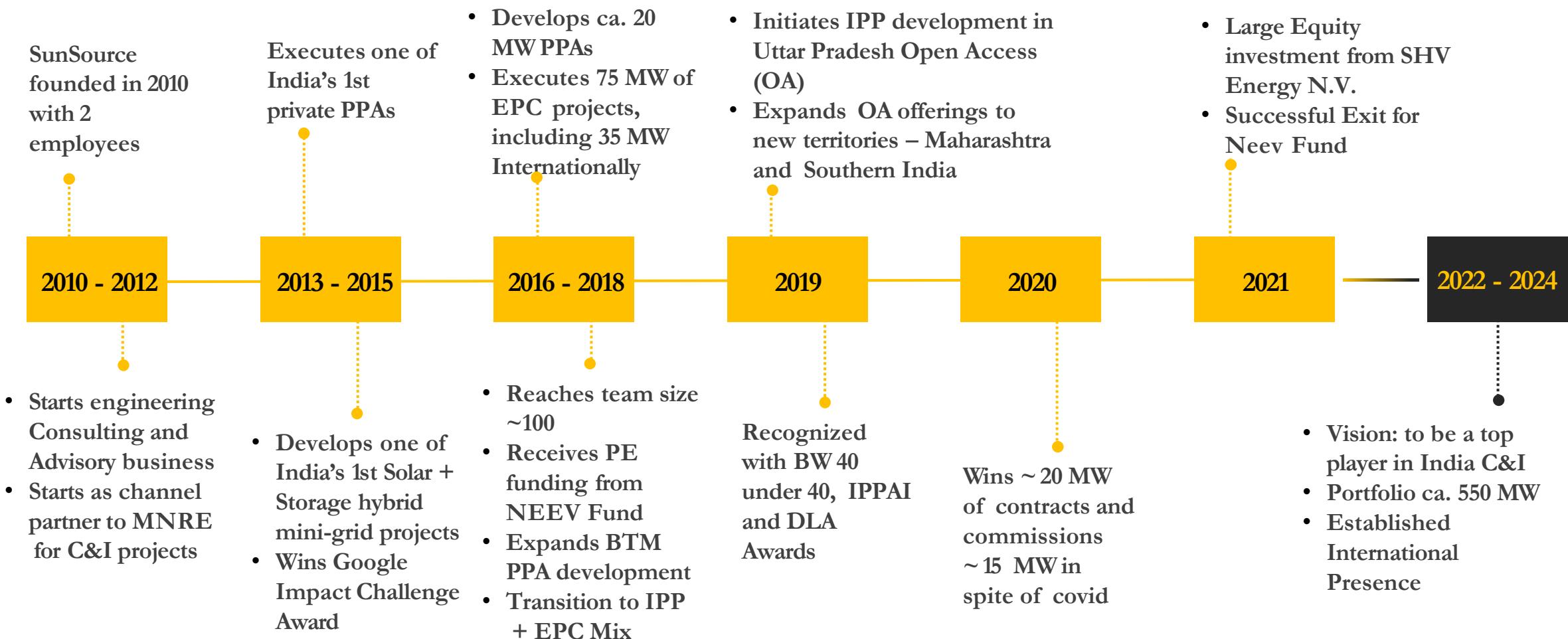
**Ole Keilberg**

Director

*The leadership team of SunSource Energy is committed to sound principles of corporate governance. They bring a proven track record of success across a broad range of experiences at the policymaking level in business.*

# SunSource Energy's journey since its inception in 2010

## KEY MILESTONES



# SunSource is a preferred partner for wide range of C&I customers





**SunSource**  
**ENERGY**  
An SHV Energy Company

## Connect With Us

### INDIA

- Club 125, Sector 125, Noida, India
- +91-8130033213
- contact@sunsource-energy.com

### MEA

- +91 8130033213
- contact@sunsource-energy.com

### SOUTH EAST ASIA

- Philippines | Singapore | Thailand | Vietnam
- +65-8458-4589
- dkhetrapal@sunsource-energy.com

### USA

- +1-919-928-2852
- kshah@sunsource-energy.com