

Webinar on the JCM implementation in Viet Nam

# Introduction of 9.8 MW Rooftop Solar Power System in Industrial Park (Vietnam)

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# Agenda

- **Company profile – Osaka Gas**
- **Company profile – SOL Energy**
- **Project overview**
- **Utilization of surplus electricity**
- **Future expansion**

# Company profile - Osaka Gas

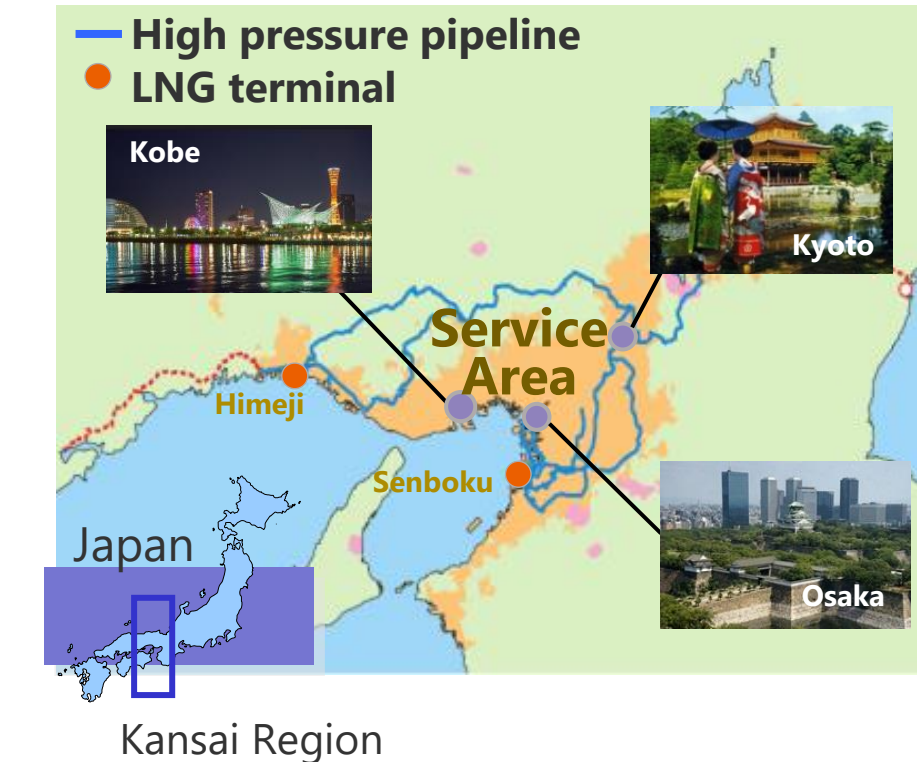
## Key Facts

- Headquarters in **Osaka, Japan**
  - 9 Global Offices :  
Singapore, London, New York, Houston, Silicon Valley, Perth, Bangkok, Jakarta and Manila
- Started **gas business** operations in **1905**
- Serving over **6.5m natural gas & electricity customers** in the Kansai Region
- Investing in 5 countries for LNG & upstream assets (Australia, Oman, USA, Norway and East Timor)

## Financial highlights

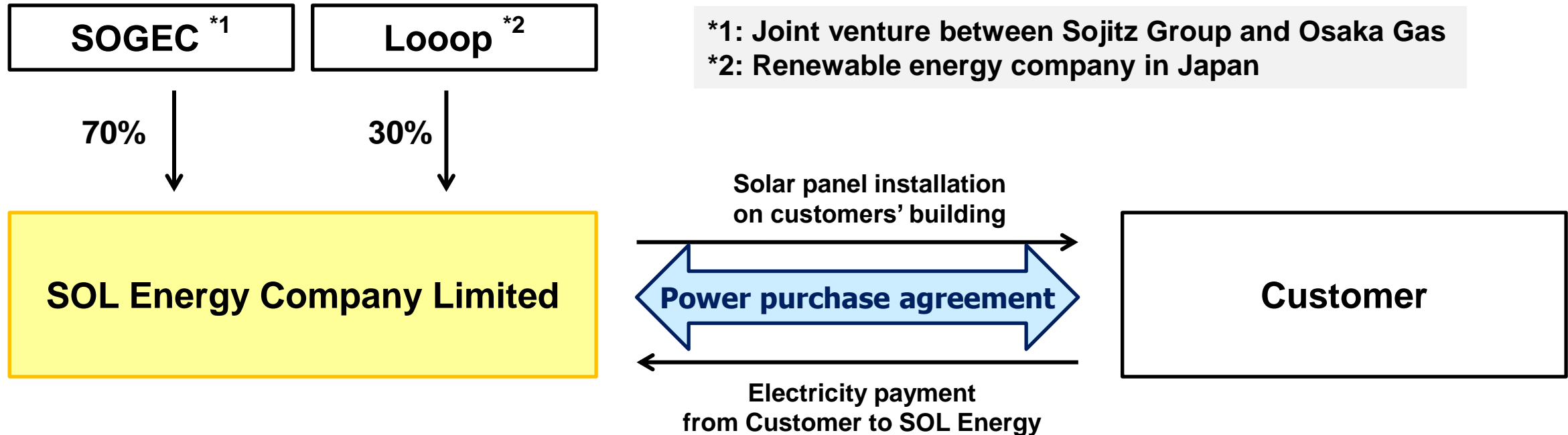
(Consolidated, March 2021)

- ✓ **Net Sales:** **US\$ 13.7 billion**
- ✓ **Operating Profit:** **US\$ 731 million**
- ✓ **Credit Ratings:** **S&P: AA- / Moody's: A1**



Exchange rate: US\$1 = 110 Yen

# Company profile - SOL Energy



<b>Established</b>	<b>October 2021</b>
<b>Location</b>	<b>Dong Nai Province, Socialist Republic of Vietnam</b>
<b>Ownership</b>	<b>SOGEC – 70%</b> <b>Loop – 30%</b>
<b>Main business</b>	<b>Rooftop solar power generation business in Vietnam</b>

# Project overview

## Project: Introduction of 9.8 MW Rooftop Solar Power System in Industrial Park

- Representative Participant: Osaka Gas Co., Ltd.
- Partner Participant: SOL Energy Company Limited

### Site

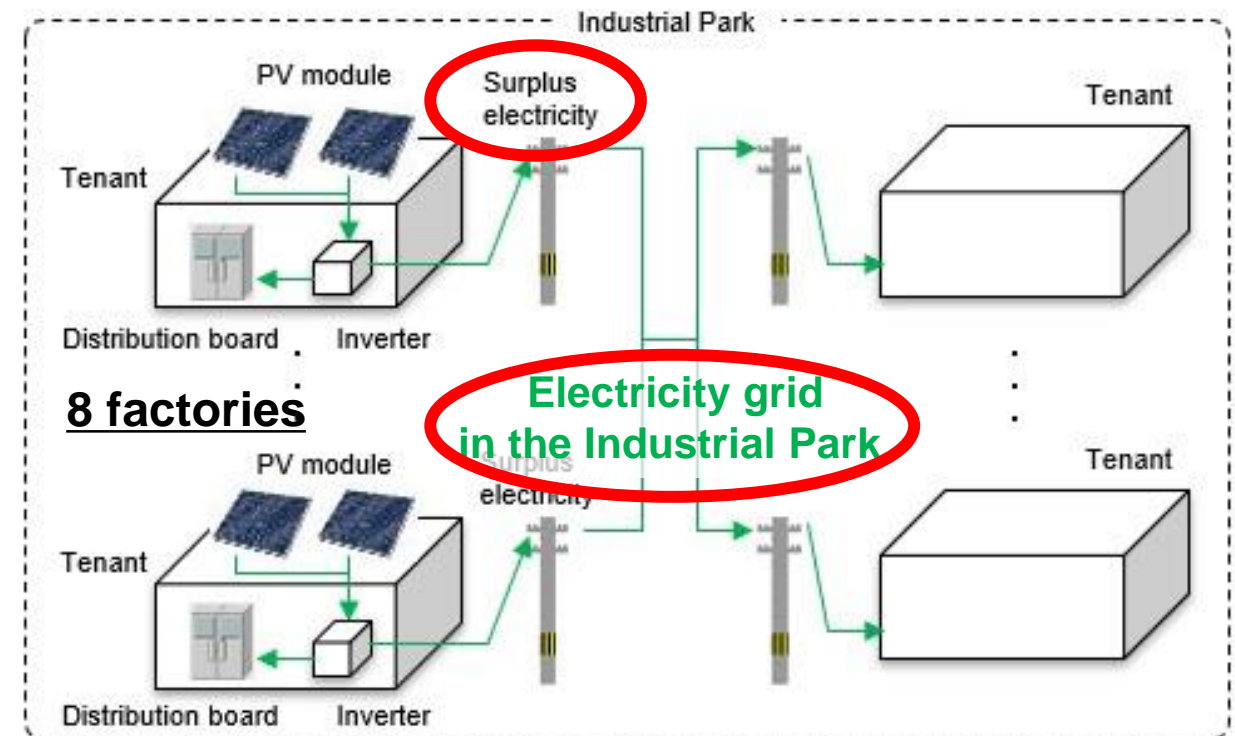


Map data ©2021 Google



**Long Duc Industrial Park**

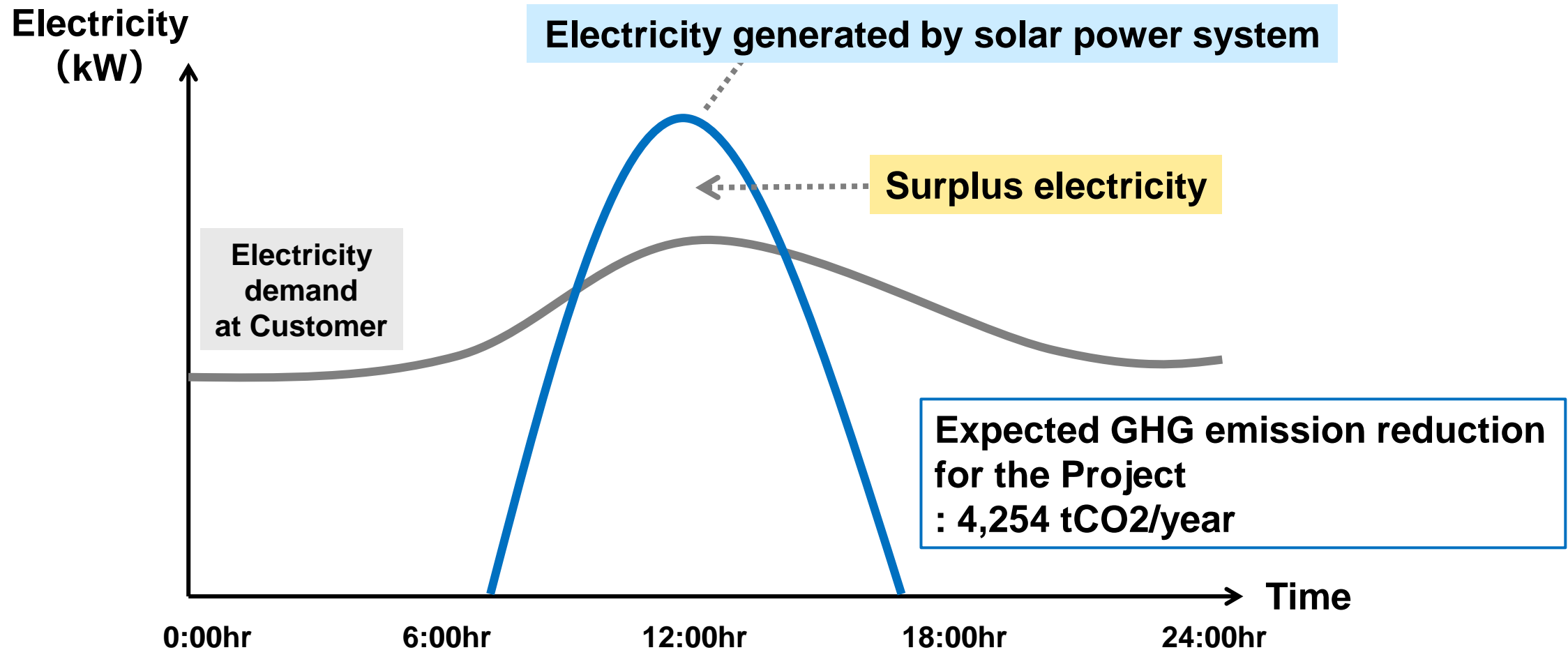
### System



# Utilization of surplus electricity

- SOL Energy provides surplus electricity to industrial park
- Industrial park utilizes it through its own grid (no reliance on EVN)

Maximum utilization of solar power system



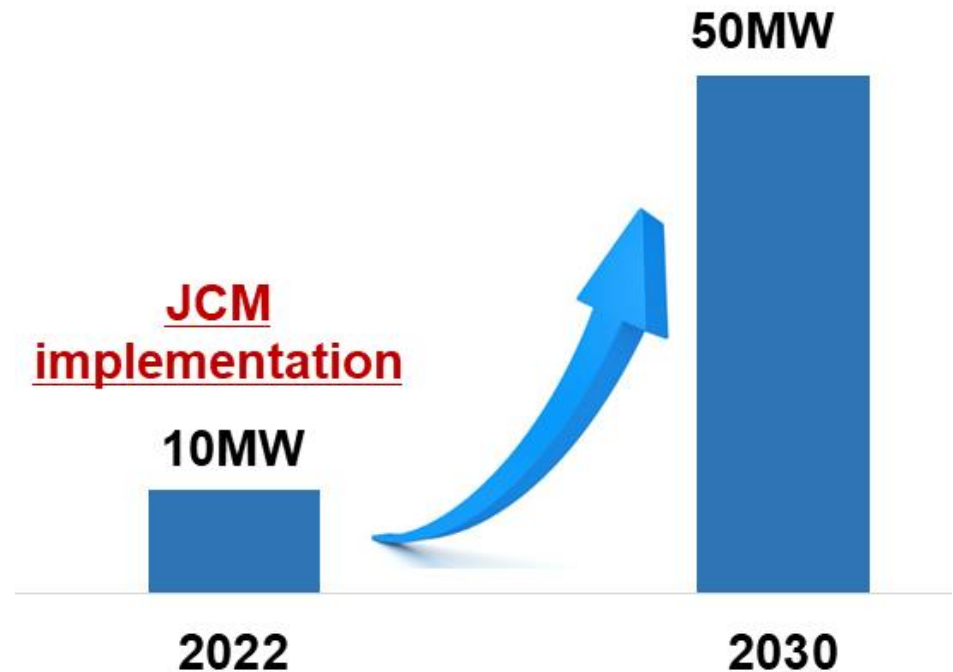
# Future expansion

- SOL Energy targets 30 MW in 2030
- Thanks to JCM implementation, SOL Energy is off to a good start for the target

## PDP8 Draft

	2020	2025	2030	2035	2040	2045
<b>Solar (including rooftop)</b>	16.6	17.2	18.6	30.3	42.3	55.1
<b>Diff. from 2020</b>	—	+0.6	+2.0	+13.7	+25.7	<b>+38.5</b>
<b>Onshore and near-shore wind</b>	0.6	11.3	11.8	17.0	22.1	27.1
<b>Offshore wind</b>	—	—	—	5.5	13.0	21.0

## SOL Energy: Business plan



Source: New Draft of PDP8, MOIT

**Thank you for your attention**