

ORGANIZER



**DISTRIBUTION
UTILITY MEET
DUM 2024**

Session : Stories from Solarization of Agricultural Feeders and Notable Experiences from the Field

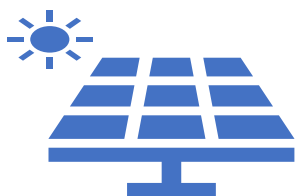
Maharashtra's Success Story

Presented By

Vipul Joisher, Director, Aditya Green Energy Private Limited

Distribution Utility Meet | 14 - 15 November 2024 | www.dumindia.in





Total FLS projects
implemented in India in
Pump terms 32157
<0.01% of the sanction
capacity 3385494



Maharashtra
leads the way
12157 Pump
91 MWp



Aditya Green
contributed
towards **75 MWp**



On boarded **local
HNI Farmers**
and
Entrepreneurs
to in the Kusum
Scheme



Multiple **IPP
projects** in all
Phases and
under SECI.
2013 project was
among the **first
rooftop resco**
projects in India

2019

2020

2021

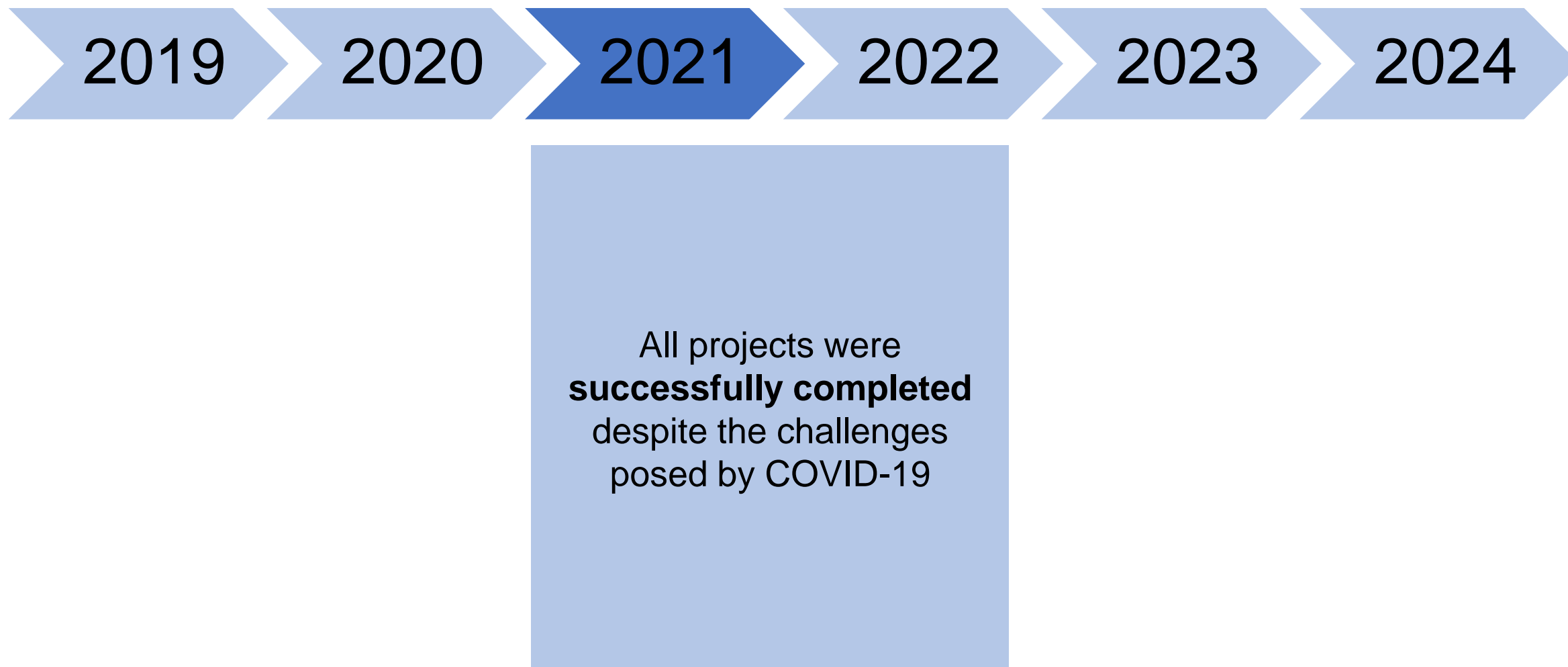
2022

2023

2024

- Convinced potential developers to accept a **low IRR** by emphasizing the USP of annuity income and AD benefits
- Initiated bidding on 13 projects with a cumulative capacity of **30 MWp** under the MSKVY 1.0 in 2020
- Secured **13** out of the **16** total bids received by MSEDCL in that batch

Path to success in Distributed Solar Maharashtra Story



Path to success in Distributed Solar Maharashtra Story

2019

2020

2021

2022

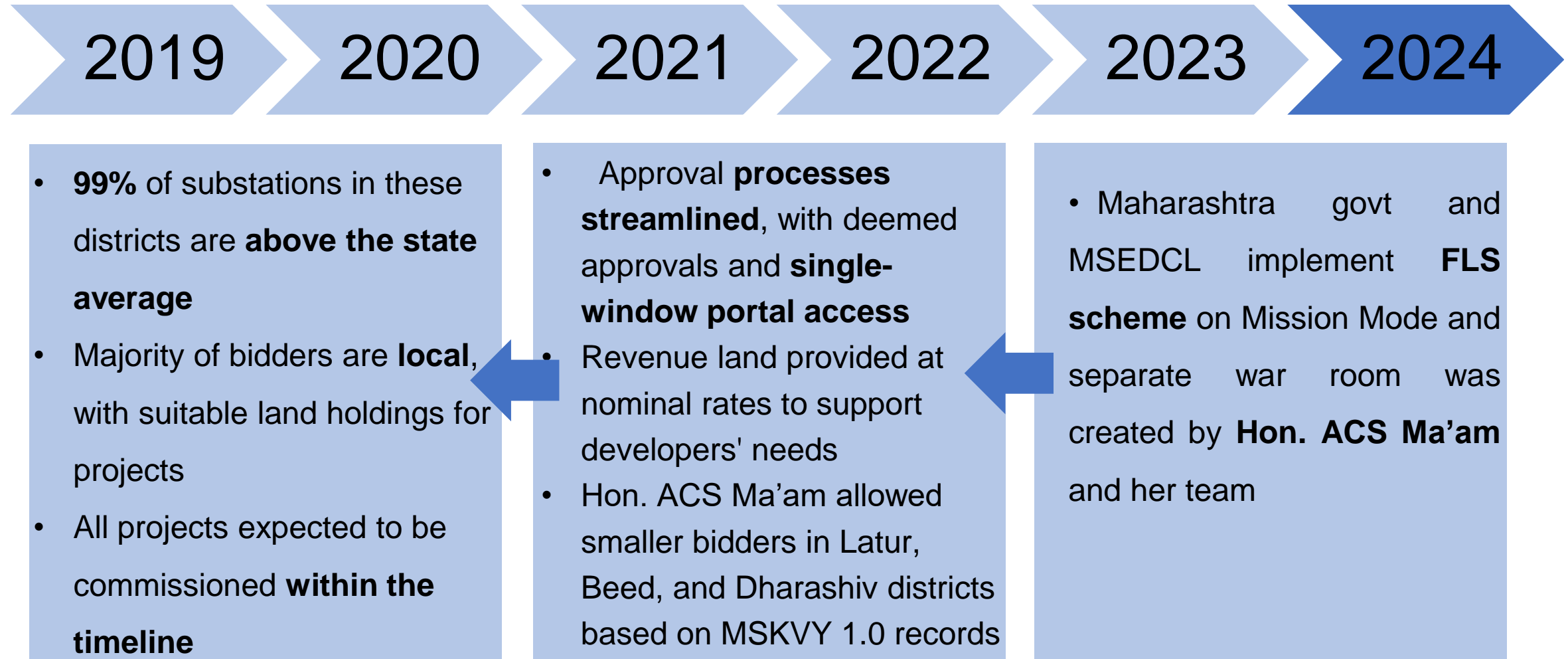
2023

2024

- Approval **processes streamlined**, with deemed approvals and **single-window portal access**
- Revenue land provided at **nominal rates** to support developers' needs
- **Hon. ACS Ma'am** allowed smaller bidders in Latur, Beed, and Dharashiv districts based on MSKVY 1.0 records

- Maharashtra govt and MSEDCL implement **FLS scheme** on Mission Mode and separate war room was created by **Hon. ACS Ma'am** and her team

Path to success in Distributed Solar Maharashtra Story



Challenges and Issues

Land and Row

Availability of Cheap
and easy finance

Availability of DCR
Modules for Phase 2
MSKVY 2.0 projects

Timely Release of
CFA

Upgradation of
Infrastructure on
ground

Proper Training of
Discom team and
Lender Team

Clarification of
projects under Agri
Infra Fund Scheme
of GOI

Suggestions for Path Forward



Allow **local small bidders** to enhance efficiency in distributed projects



Promote **local ecosystem development** through courses, seminars, and roadshows



Encourage **Battery Energy Storage System (BESS)** tenders



Utilize existing infrastructure to save up to **20% in T&D losses** during peak hours



Enhance **grid stability** through distributed projects



Ensure **timely bill** and Central Financial Assistance **payments**

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ISGF

India Smart Grid Forum



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THANK YOU

For discussions/suggestions/queries email:

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