

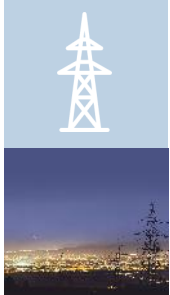


Distribution Utilities Forum

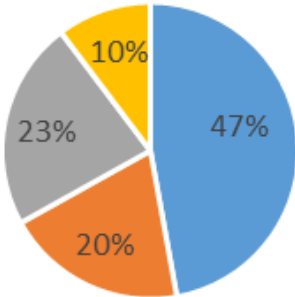


RTS Perspective Discom Side

Current Scenario

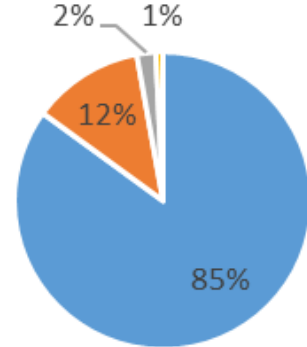


Sales in MU



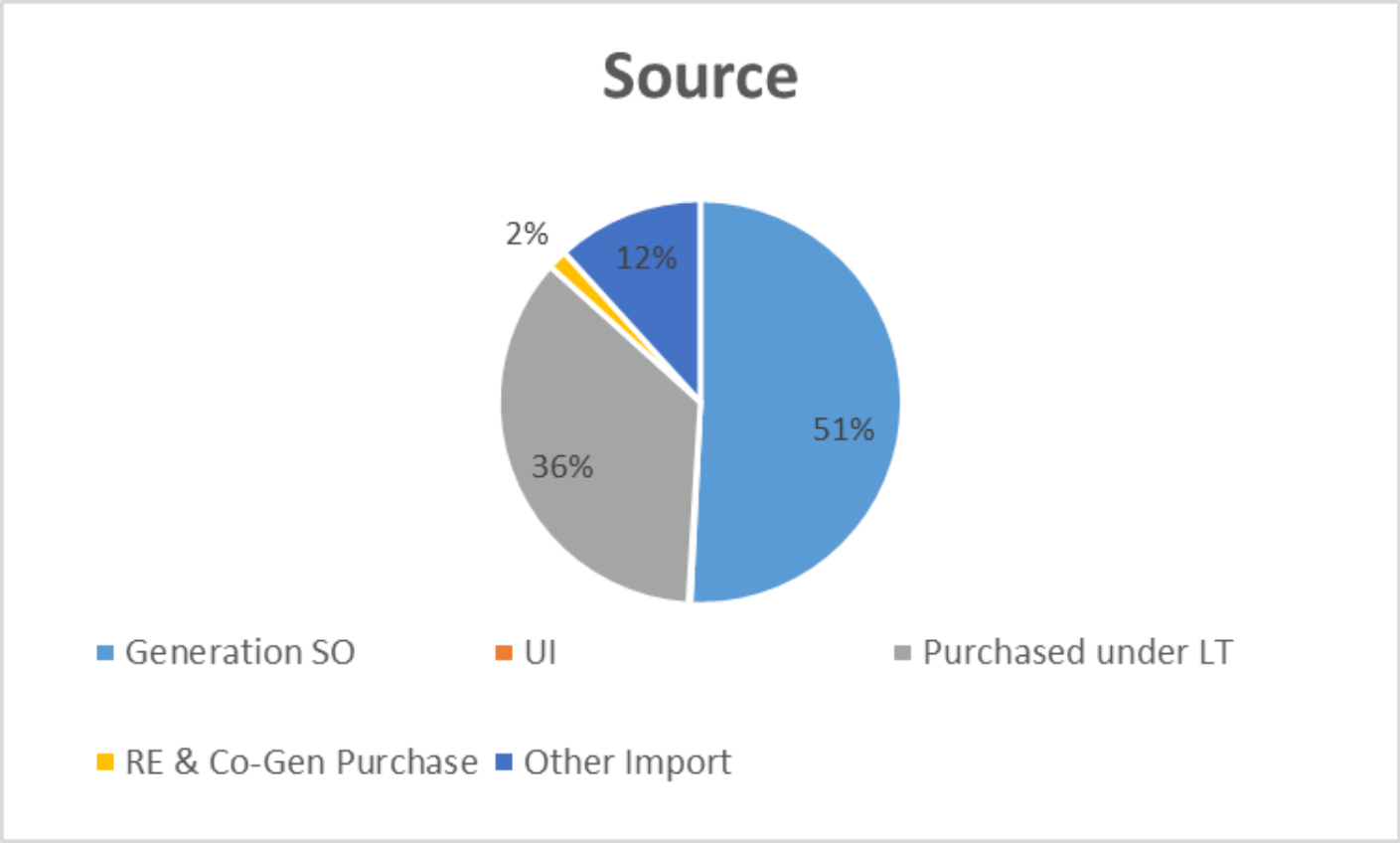
■ Domestic ■ Commercial ■ Industries ■ Others

Consumer Nos.

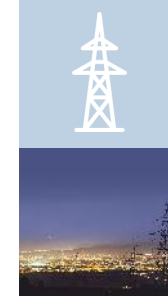


■ Domestic ■ Commercial ■ Industries ■ Others

SOURCES

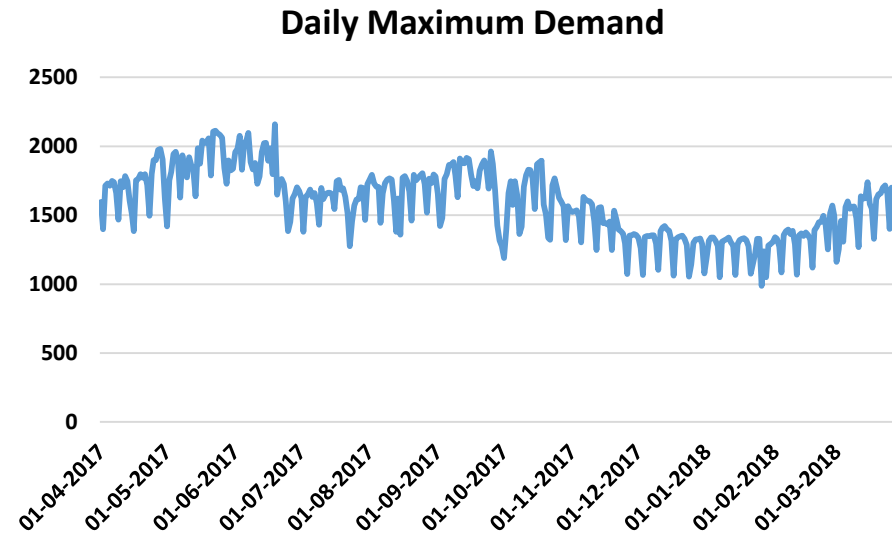
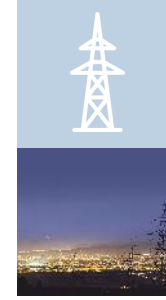


SPV Plant Capacity integrated with CESC System



Category	Operational as on	
	31-12-2018	
	No of Consumers/ Installations	Capacity
	(Nos.)	(MWp)
HT	46	23.365
LT	252	3.384
Total Operational	304	26.857

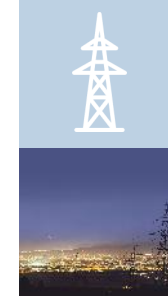
Perspective with respect to Solar rooftop



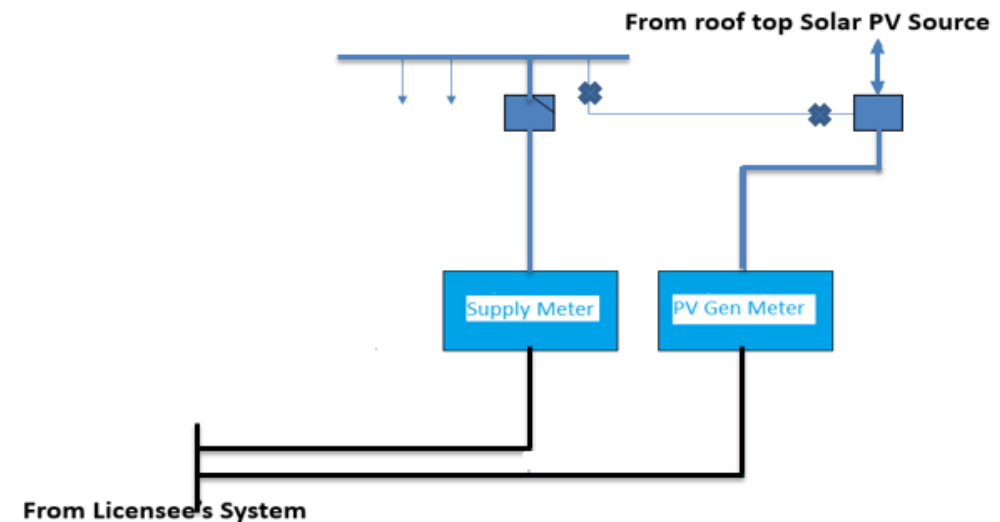
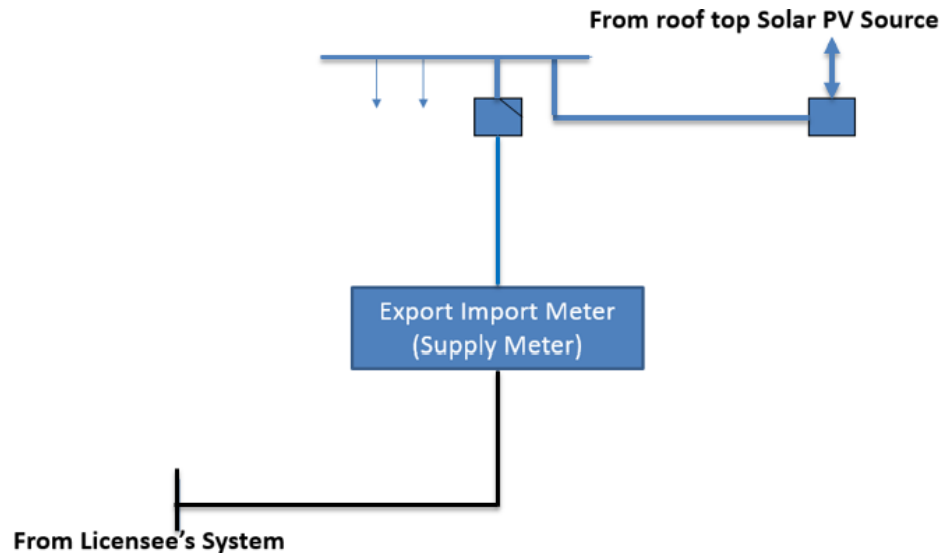
- **Concerns**

- Reduction of sale by X-subsidizing Consumers
- PLF of Power Plants
- % Loss will increase, as non-technical portion will remain
- Scheduling (Generation / Import) will be difficult with large-scale

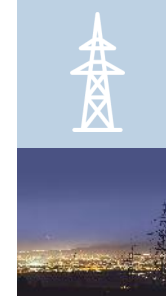
Perspective with respect to Solar rooftop



- Net metering or Gross metering
- Net metering is preferred for the high X-Subsidizing consumers whereas Gross metering is for X-subsidized consumers

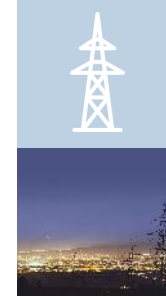


Perspective with respect to Solar rooftop

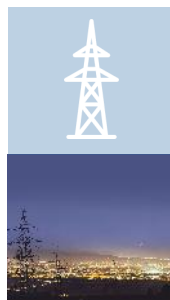


- **Capex Or RESCO**
 - **RESCO with Net Metering?**
 - Net Metering is applicable for Consumers and RESCO generally not a Consumer
 - **RESCO a Generator and hence Gross Metering**
 - May not be an issue

Initiatives/Recommendations



- PQ issues to be addressed with
 - Reactive – Surcharge/Rebate
 - Harmonics – Surcharge to be introduced
- ToD tariff mandatory for Solar
- Gross metering preferred - provides equity to consumers
 - SERC may determine tariff every year
- Impact, if any, to be clearly shown in the electricity Bill for Consumers



Thank You

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