Transitioning to the Era of RE-Shared Economy

How BEL plans to respond to changing consumer demands

Who We Are

58%
Renewable Energy

37%
Imported Energy

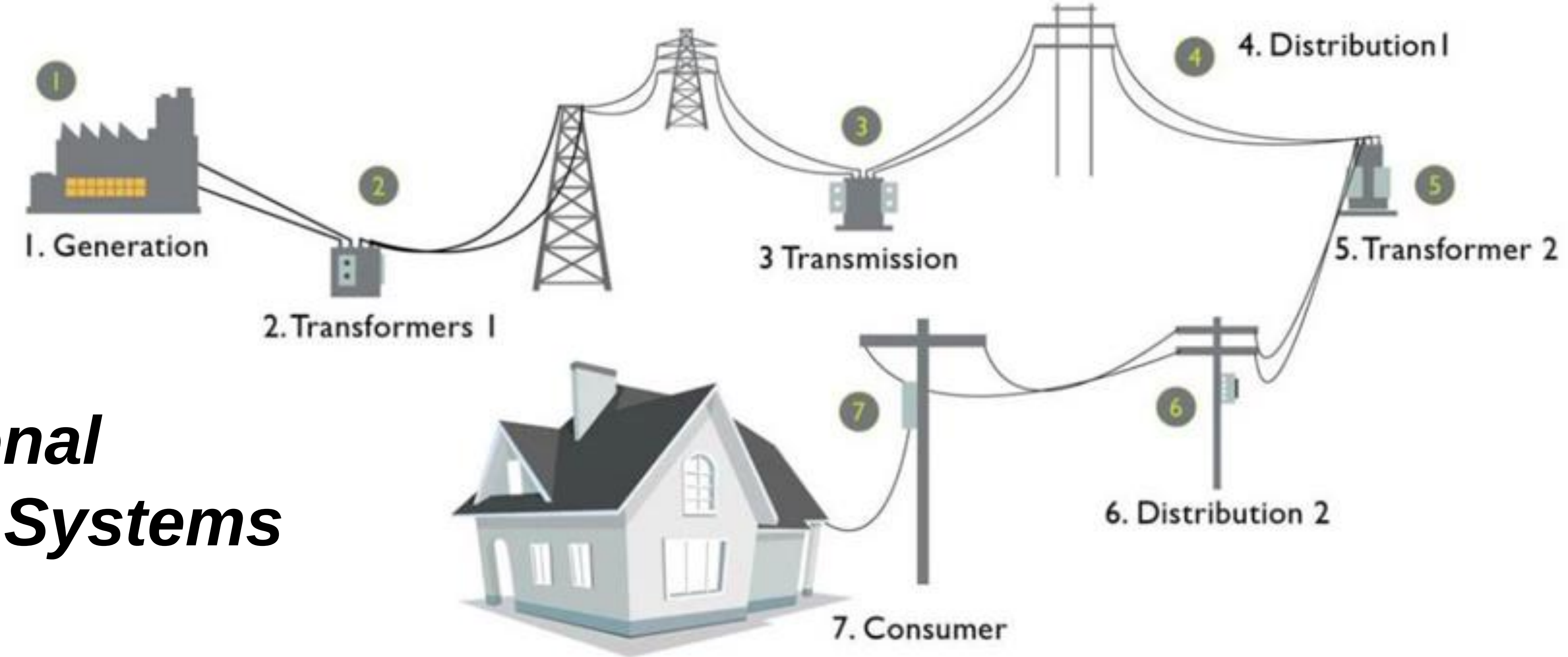
5%
Non-Renewable Energy

94,450
Customer Accounts

1,900
Miles of Transmission and Distribution Lines

92%
Accessibility

The Face of Energy
...is Changing



Traditional Energy Systems

- One-way distribution
- Centralized
- Manually operated and maintained, low tech
- Oil-dependent and environmentally insensitive

Status Update RFPEG - 2013

Qualifying Projects	Status
SS Energy - 1ST Phase 8 MWe (Biomass)	SETTLED
SREL New Macal - 19.3 MWe (run-of-river)	29% HIGHER
GSR Advance Biofuels - 35 MWe (Biomass)	87% HIGHER
BAPCOL - 3rd Wartsila 7.5 MWe (Fossil)	SETTLED
SREL Upper Swasey - 9 MWe (run-of-river)	DELAYED
BAPCOL - Solar 15 MWe	PLANNING

60 MW of Firm Capacity & 15 MW of Intermittent Load

Future Generation - 2030

CFE

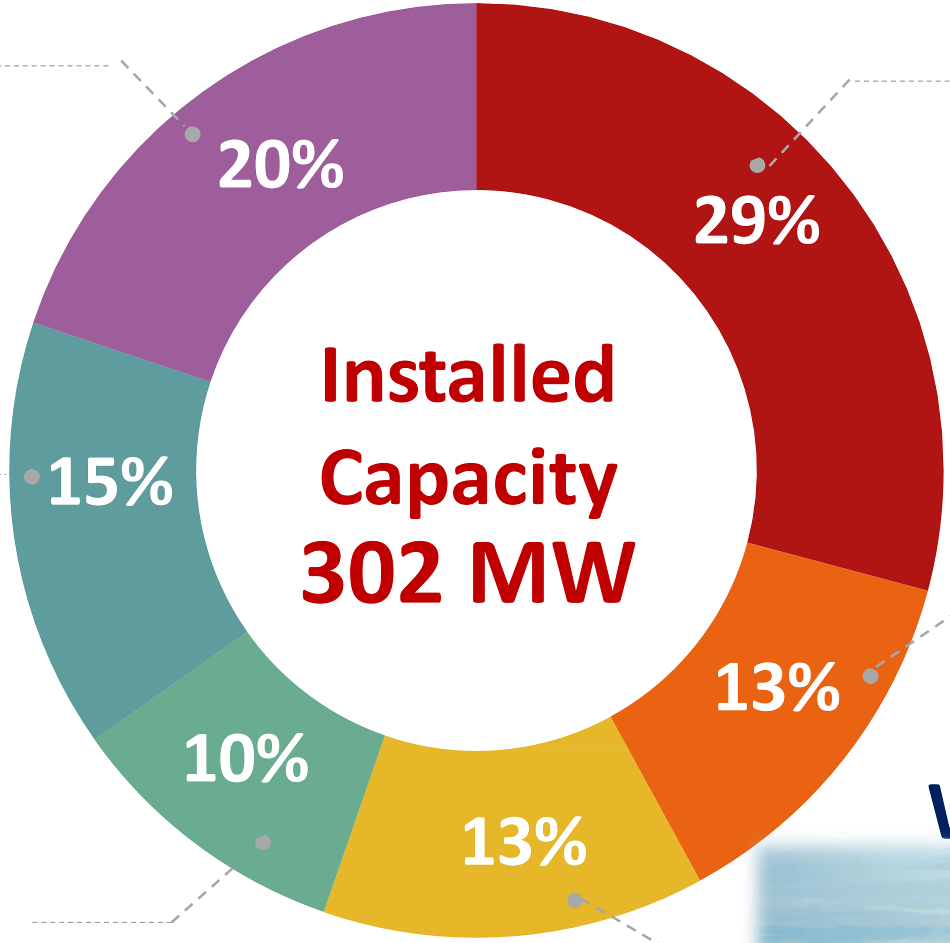
60 MW

LNG

45 MW

Biomass

30 MW



Hydro

88 MW

Solar

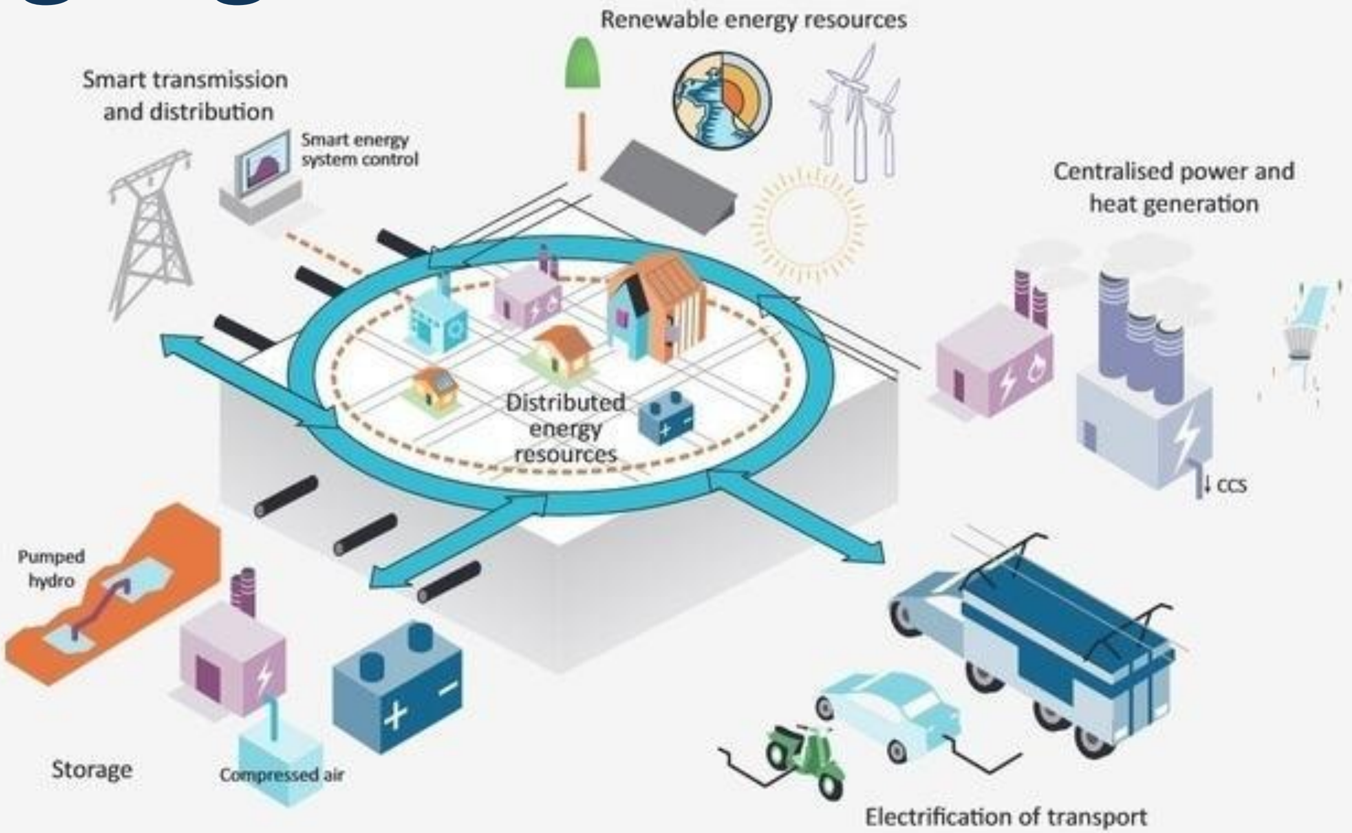
40 MW

Wind

39 MW

The Face of
Energy is Changing

Modern
Energy Systems



- Two-way distribution
- Renewables driven
- Decentralized (Distributed Generation & Micro-grids)
- High-levels of Automation:
  Monitoring, Maintenance & Restoration

The Risks of RE Grid Penetration

- Increased competition from off-grid power supply solutions
- Constrained ability to maintain low rates under traditional fixed tariff structure
- Failure to meet customer demands for new tech (solar water heaters, electric vehicles etc.) – loss of market share

The Opportunities

- Revenue Diversification: Electric Vehicles; Wheeling; Engineering Services etc.
- Greater energy supply redundancies with Distributed Generation – potentially lower cost of power and less power outages
- Enhanced operational efficiency – greater automation

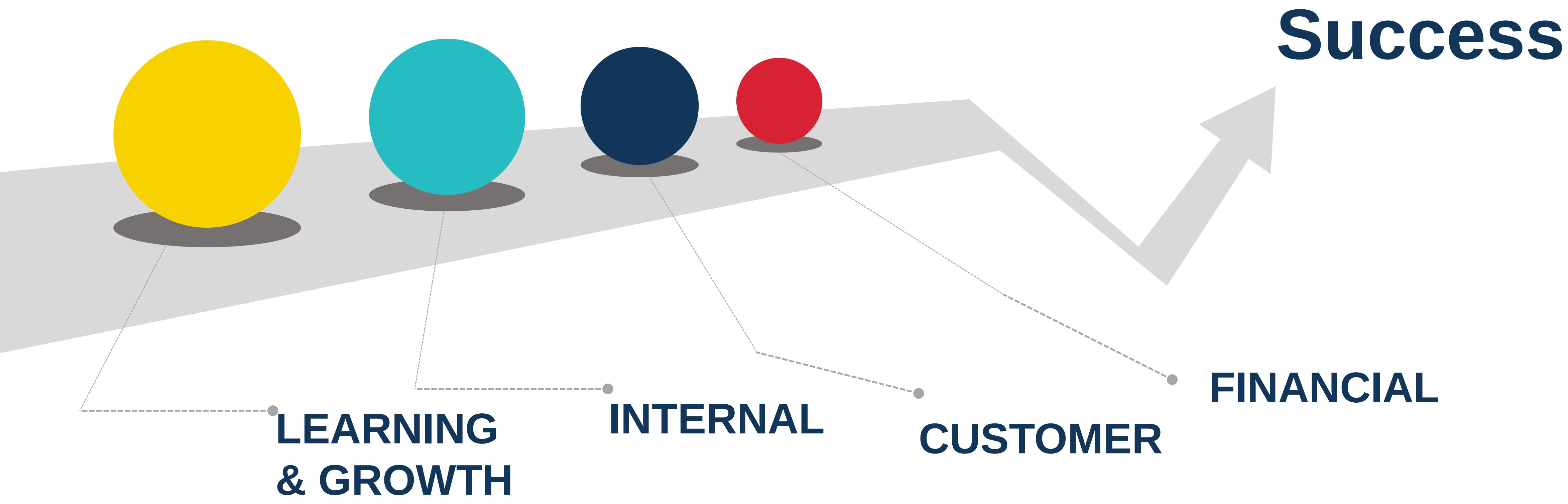
What can we do about it?
The Strategic Shift

Strategic Planning
JUNE 2017

Stakeholders critically reviewed electricity sector's internal and external environment.

Determined 'who we are?' and the major priorities for the Company over the next 40 years.

The Road Map to RE Integration
The 4 Perspectives



Our New Focus
The Future Electricity Sector

- Generation Flexibility
- Diversify & Customize Services
- System Automation
- Grid Adaptation for the Modern System

Thank You
for your attention

Questions?

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