

# **MUSCAT ELECTRICITY DISTRIBUTION COMPANY S.A.O.C**



## **PRICE CONTROL (PCR III)**

**CAPEX 2012 - 2014**

**Prepared By : Planning & Studies Department**



# PRICE CONTROL (PCR III)

## OUTLINE



Background



Demand Forecast



Comparison PCR II Vs PCR III



CAPEX Program – Summary based on Classifications



Conclusion



# PRICE CONTROL (PCR III)

## MEDC Distribution Geographical Area

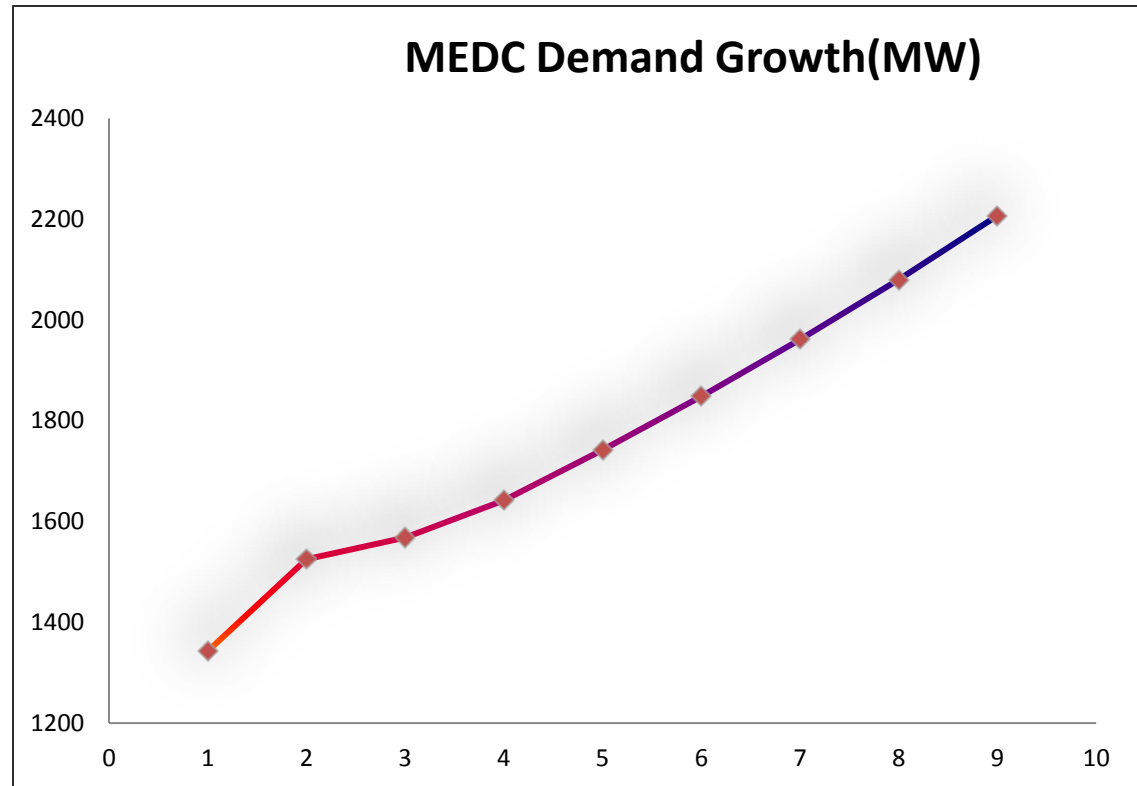




# PRICE CONTROL (PCR III)

## MEDC Demand Growth (MW)

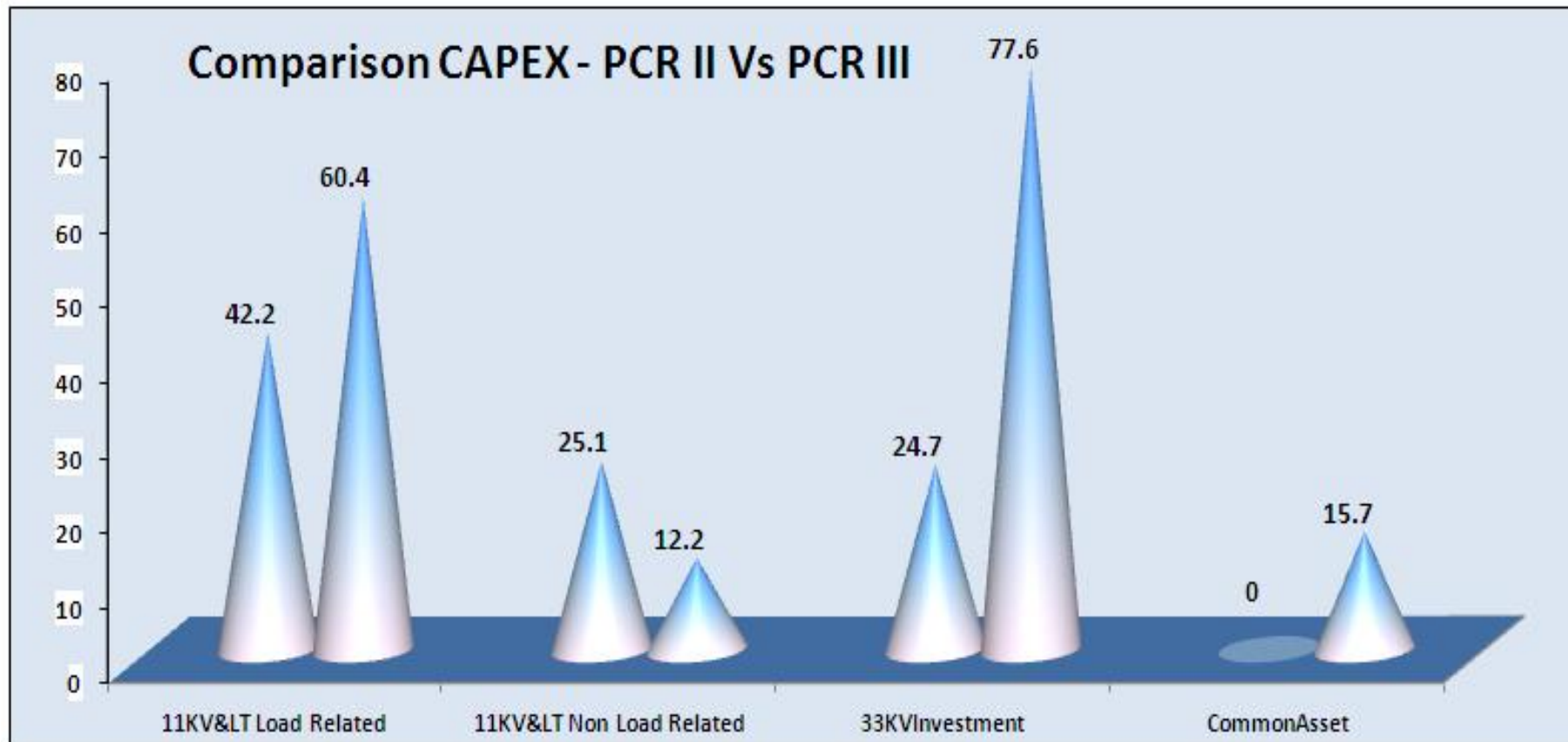
Year	Load(Mw)
2008	1343
2009	1525
2010	1568
2011	1642
2012	1742
2013	1848
2014	1961
2015	2080
2016	2207





# PRICE CONTROL (PCR III)

## COMPARISON – PCR II Vs PCR III





# PRICE CONTROL (PCR III)

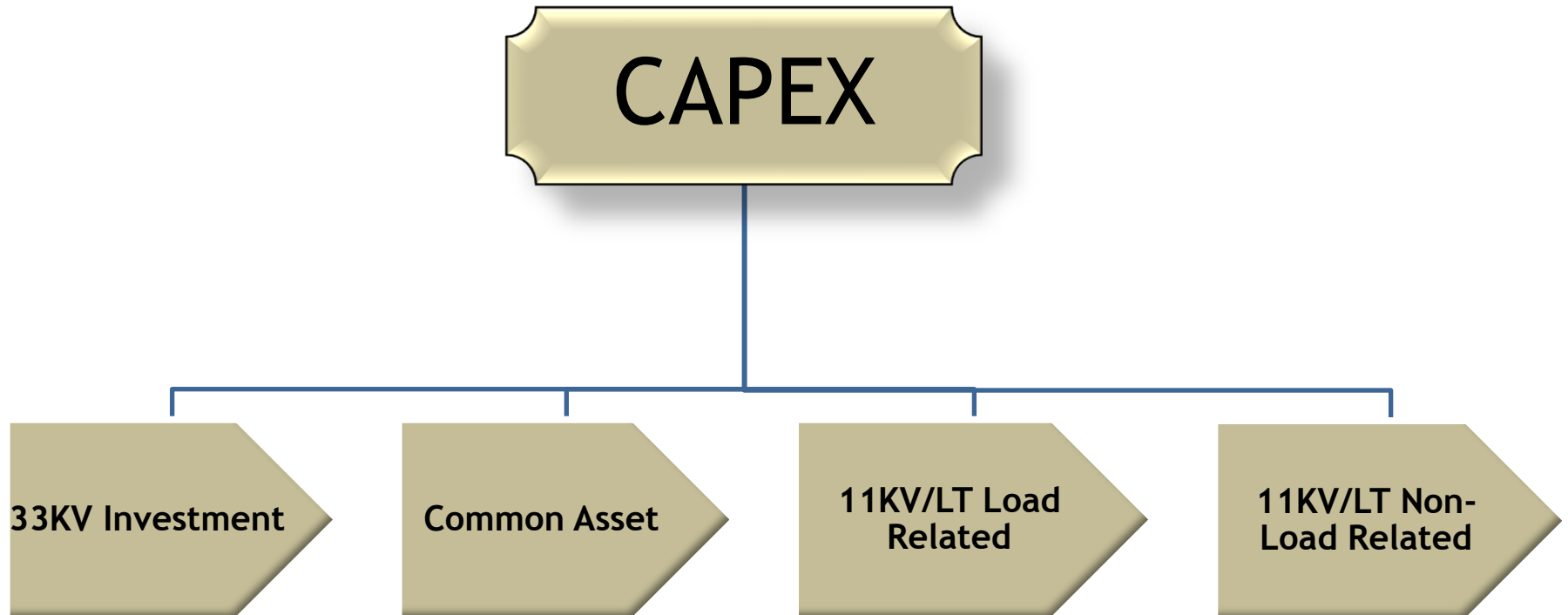
**SUMMARY**

**CAPEX PROGRAM**

**PCR III (2012 - 2014)**



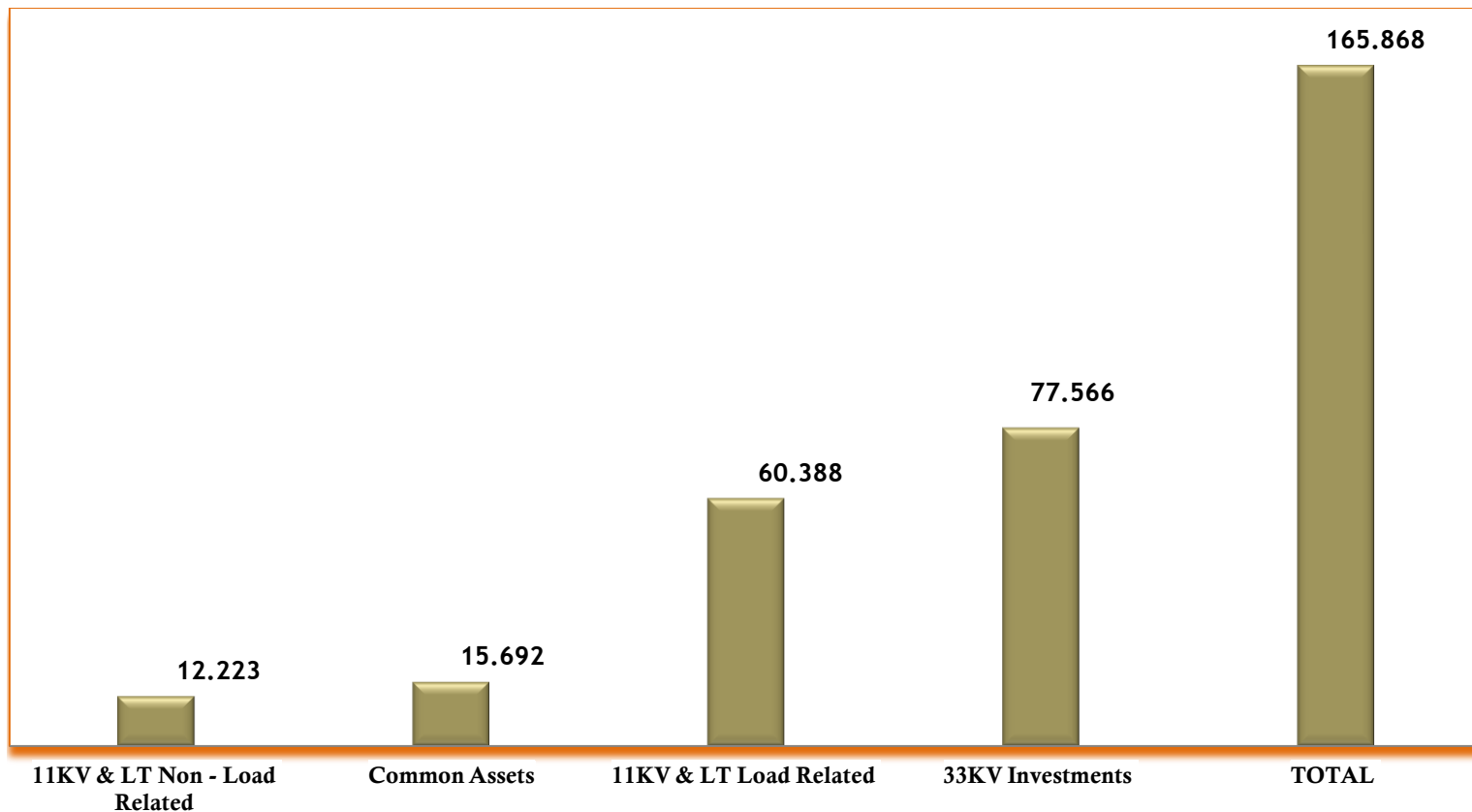
# PRICE CONTROL (PCR III)





# PRICE CONTROL (PCR III)

## AER Approved CAPEX Allowance - Category wise

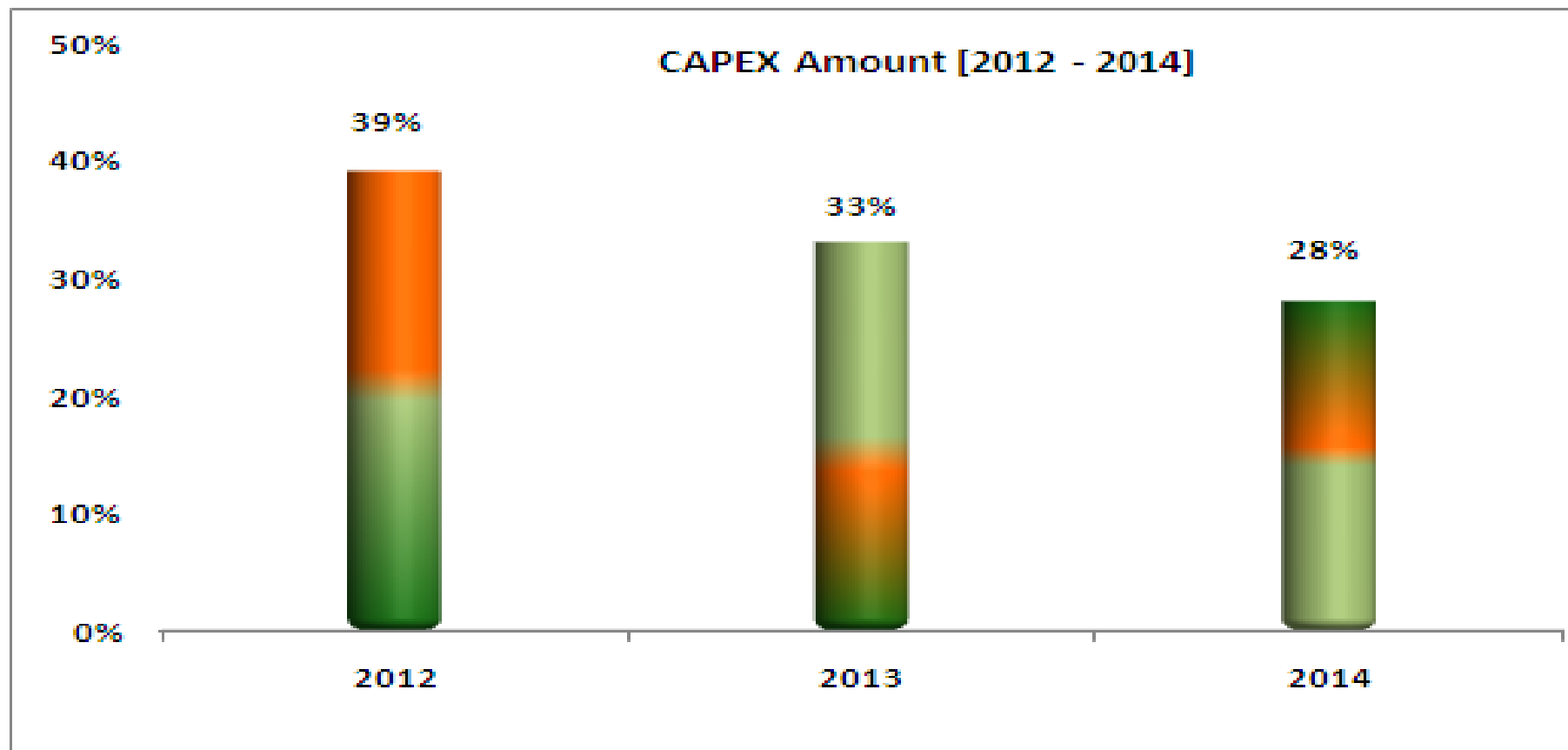






## PRICE CONTROL (PCR III)

### % CAPEX Amount to be Utilized in each year





# PRICE CONTROL (PCR III)

## 33KV INVESTMENTS

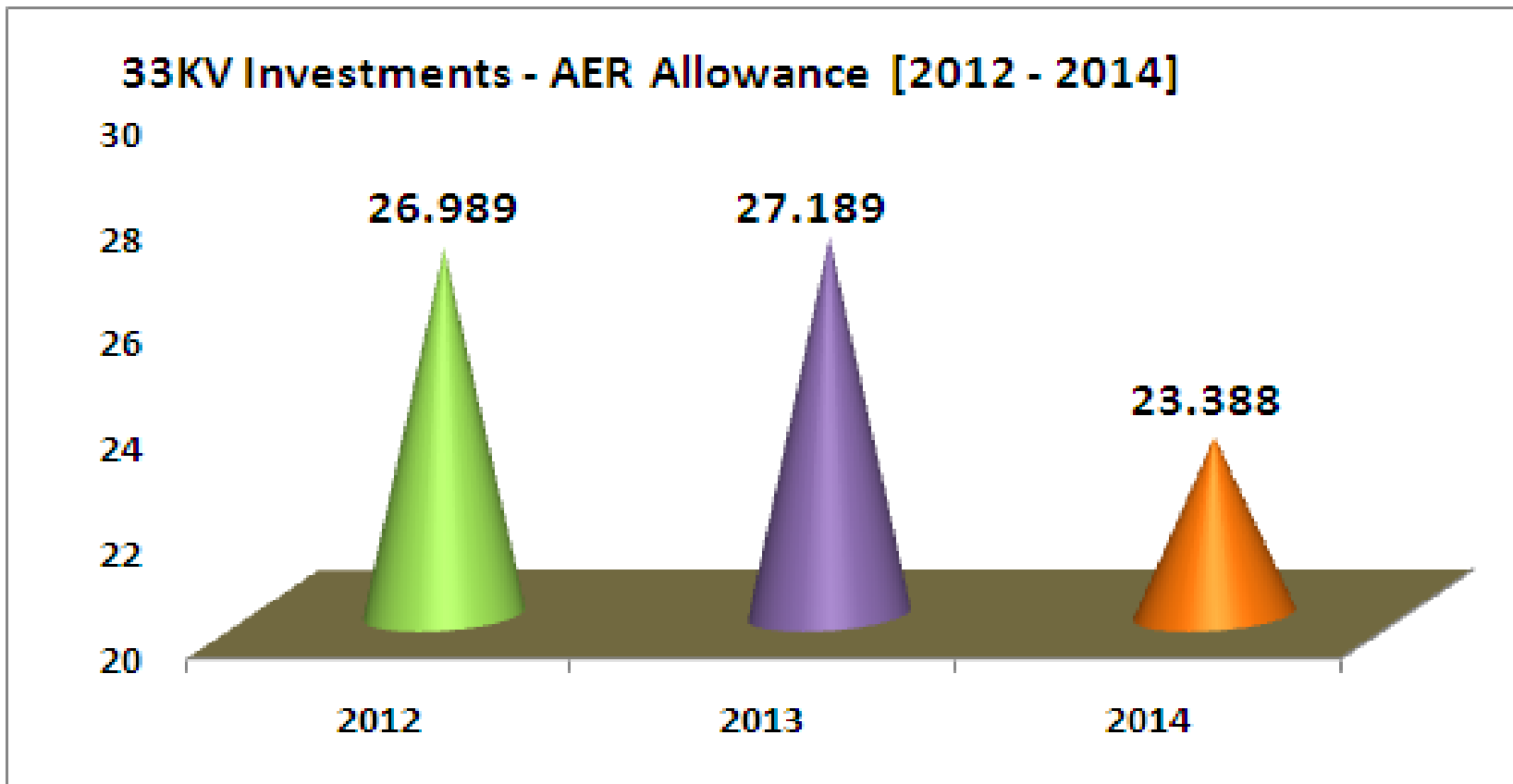
### MAIN DRIVERS

- **New Primary Substations**
  - Distribution Security of Supply Standards(DSSS)
    - Accommodate normal load growth
    - Bulk Load Customers
- **Grid Stations - Distribution Portion & Load Shifting**
  - Grid Security of Supply Standards
  - Connection Point for new Primary Substations
- **Reliability**
  - Conversion of OHL to UGC
  - Shifting Dangerous OHL from Wadis,etc
  - Asset Replacement



# PRICE CONTROL (PCR III)

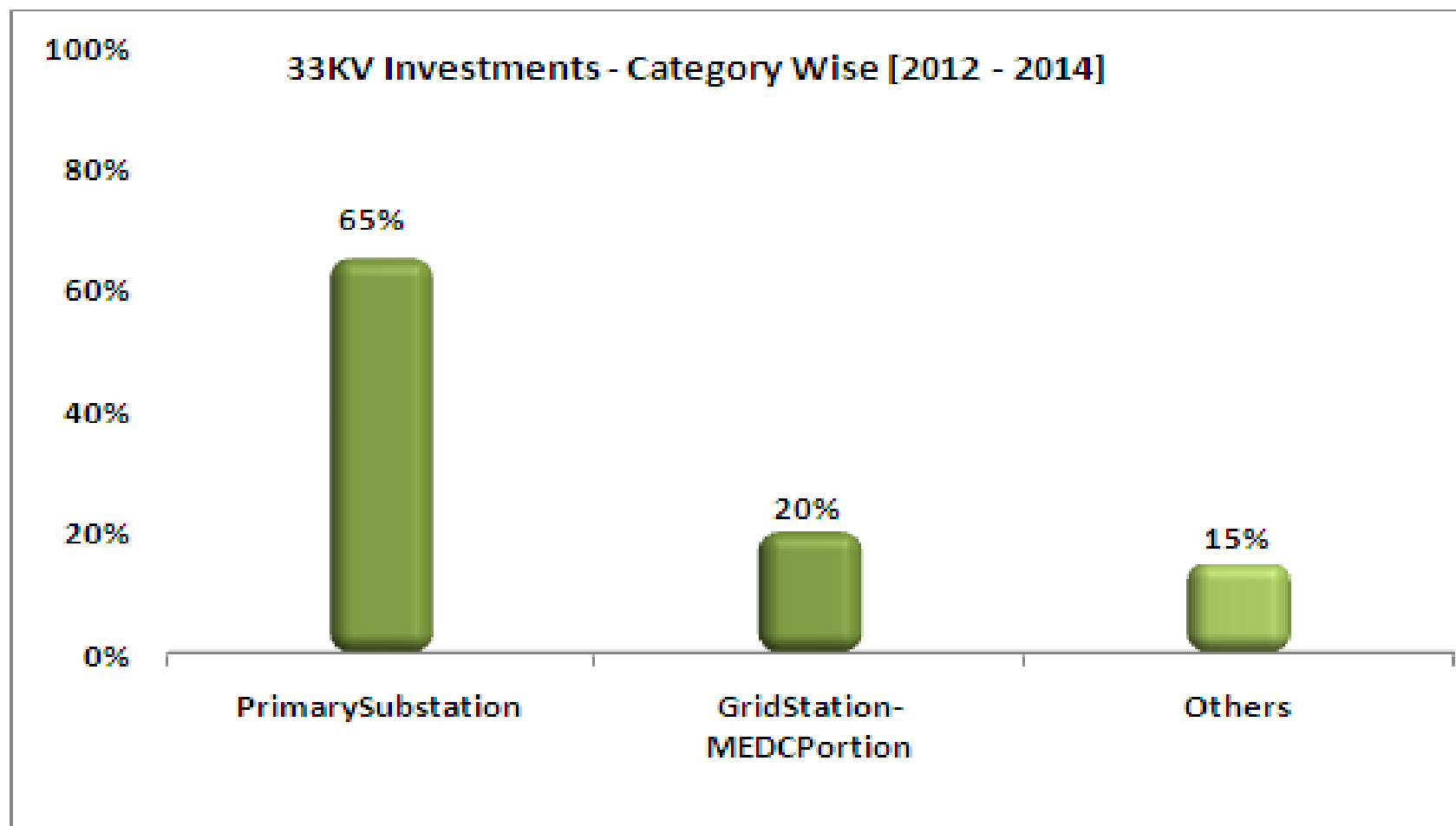
## 33KV INVESTMENTS





# PRICE CONTROL (PCR III)

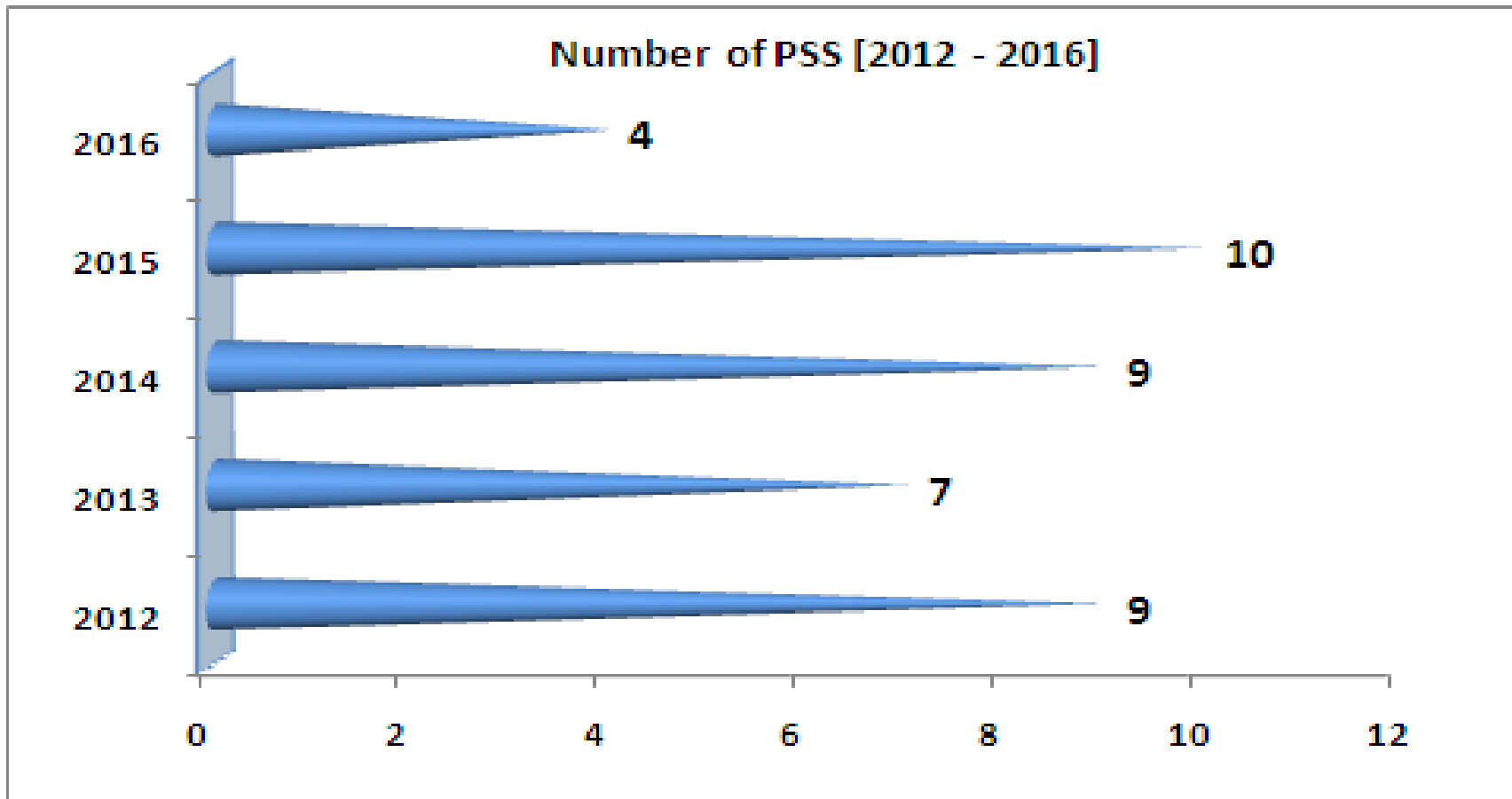
## 33KV INVESTMENTS





# PRICE CONTROL (PCR III)

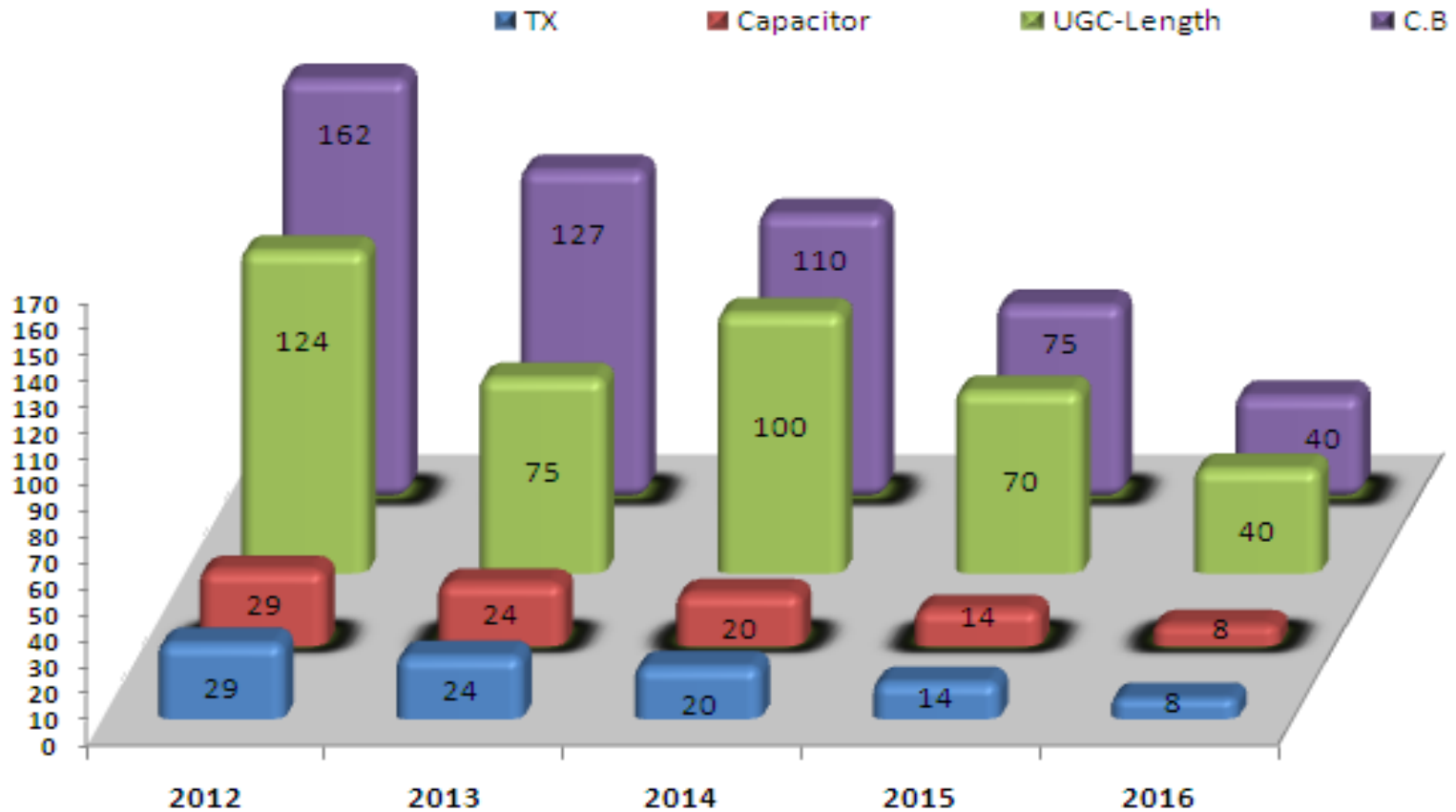
## 33KV INVESTMENTS





# PRICE CONTROL (PCR III)

## 33KV INVESTMENTS





# PRICE CONTROL (PCR III)

## COMMON ASSET

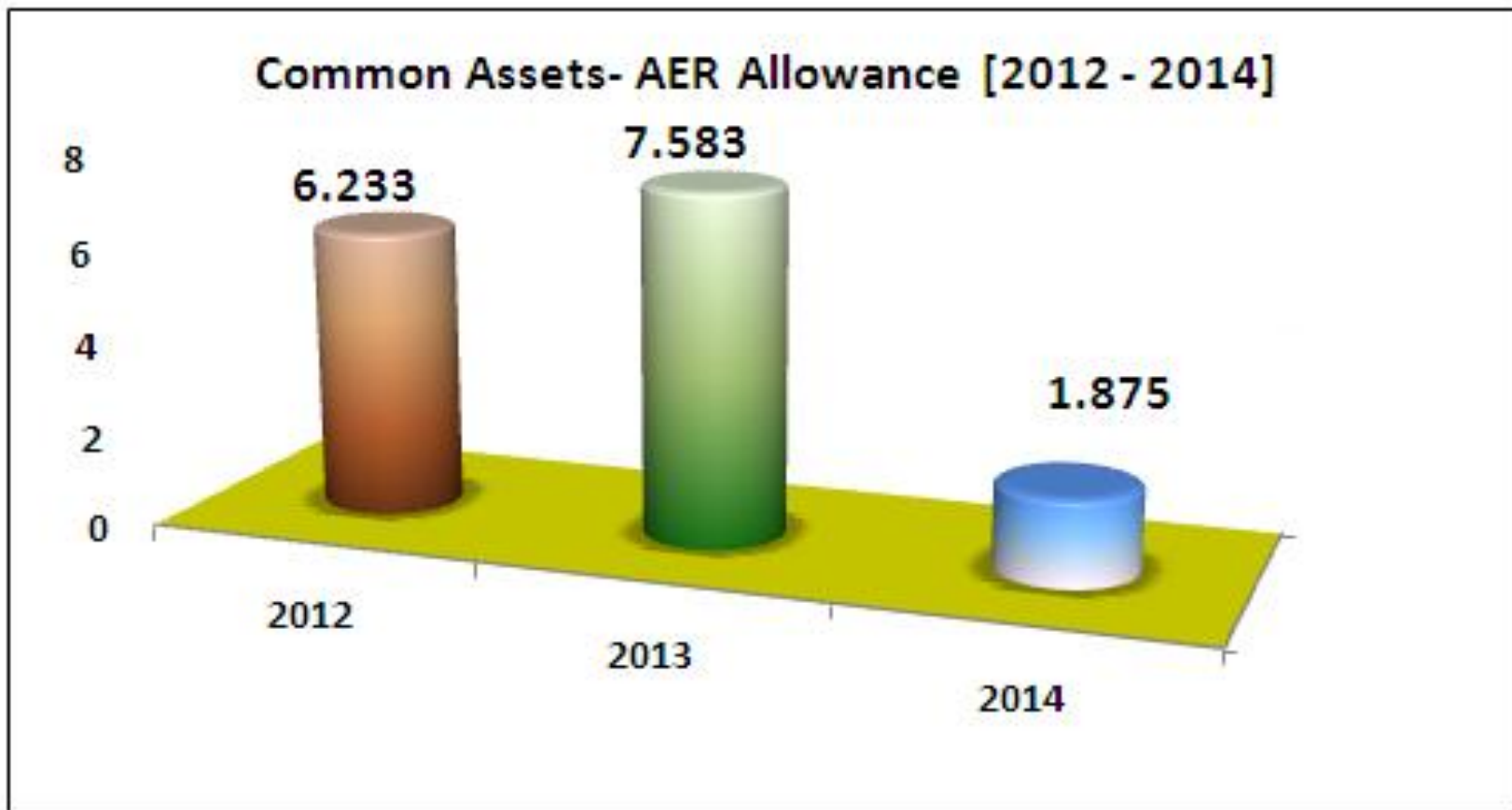
### MAIN DRIVERS

- SCADA Consultancy
- New Equipments
  - Cable Test Van
  - Digital Meters
  - Mobile Substation
- Inventory



# PRICE CONTROL (PCR III)

## COMMON ASSET







# PRICE CONTROL (PCR III)

## 11KV & LT LOAD RELATED

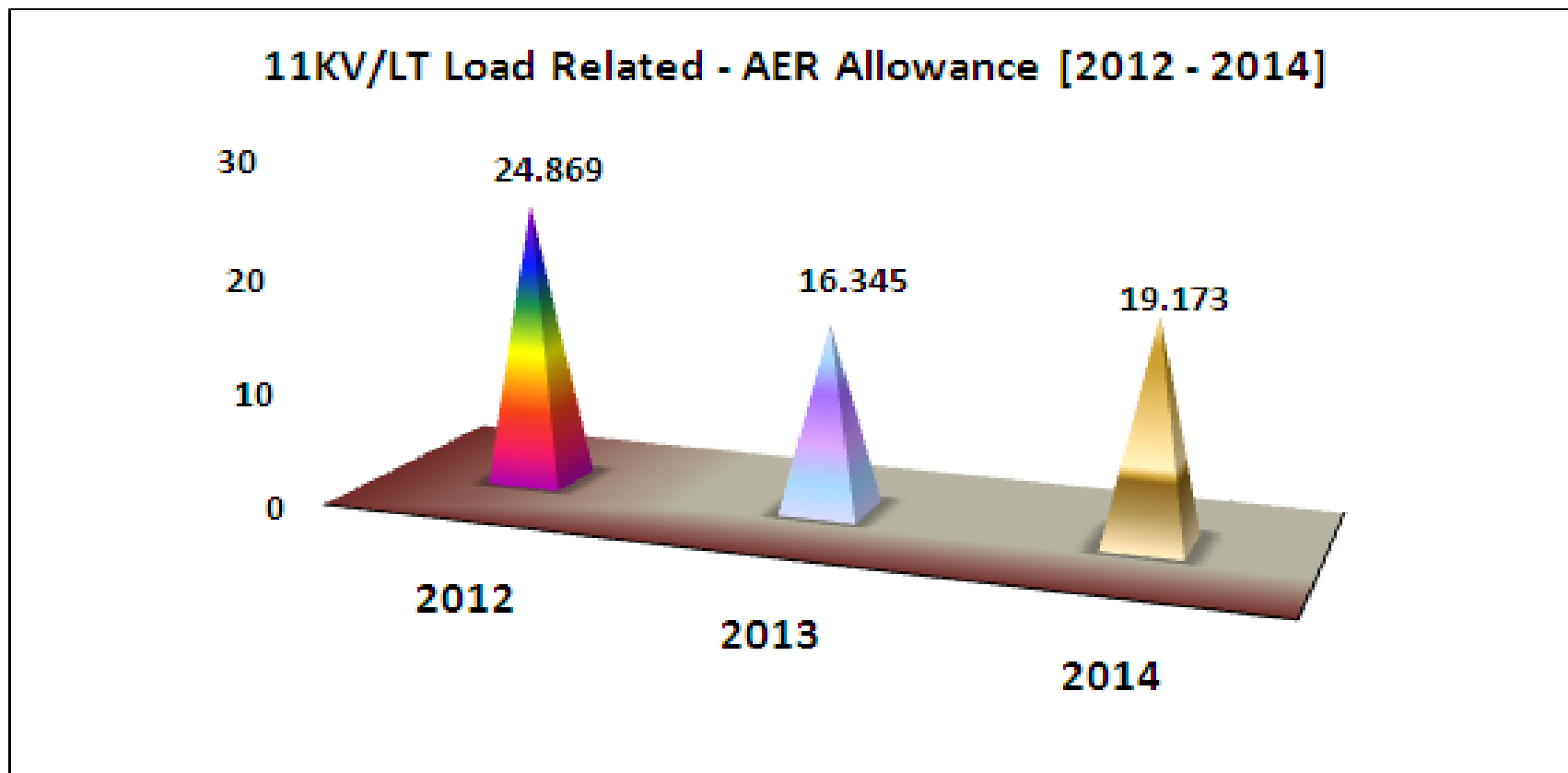
### MAIN DRIVERS

- Peak Load
- Number of Customers
- RuD (Regulated Units Distributed)



# PRICE CONTROL (PCR III)

## 11KV & LT LOAD RELATED





# PRICE CONTROL (PCR III)

## 11KV & LT NON LOAD RELATED

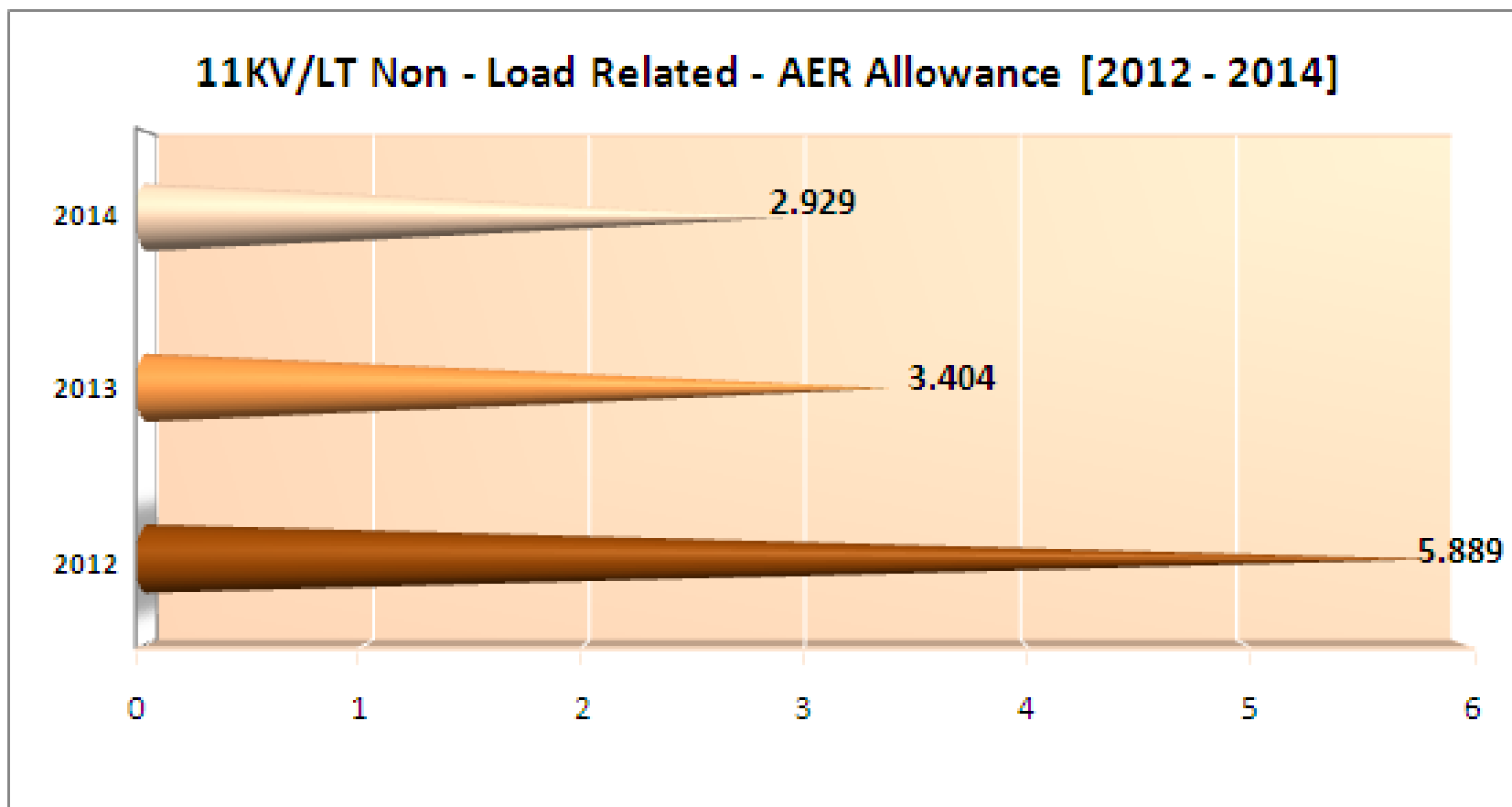
### MAIN DRIVERS

- Network Performance
- Reliability
- Rehabilitation



# PRICE CONTROL (PCR III)

## 11KV & LT NON LOAD RELATED





# PRICE CONTROL (PCR III)

## PCR III – IN BRIEF

- ☛ Challenging CAPEX Program when compared with PCR II
- ☛ Address Security of Supply Standards, Distribution Losses , etc
- ☛ Compliance with License Condition and Grid/Distribution Code



# PRICE CONTROL (PCR III)

**THANK YOU**