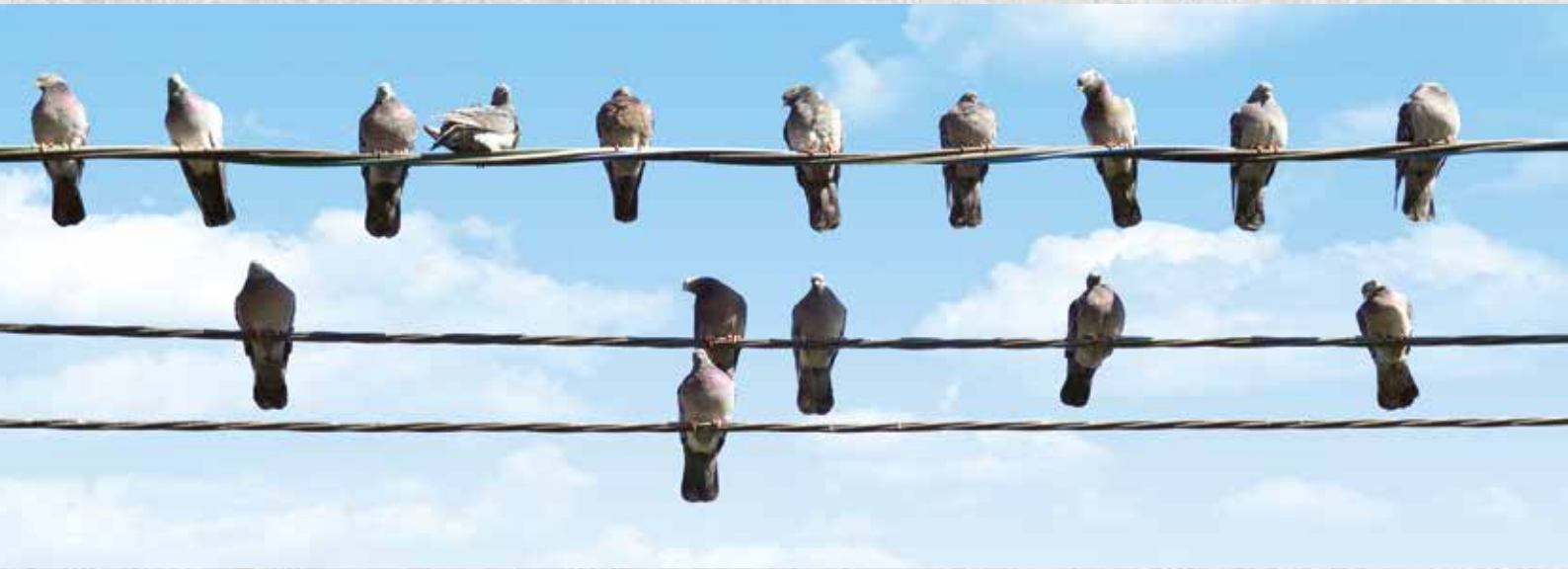


# AERIAL BUNDLED CABLES



## Application

- Better choice because of flexibility for rerouting as demanded by changes in urban development plan
- In hilly terrains where cost of erection of overhead lines or underground cable becomes very high
- As replacement of bare lines where high degree of stability of supply voltage is of importance
- As reinforcement of existing system without increasing voltage with limited budget
- Between Power cables and Overhead conductors
- Instead of bare conductors at low voltage networks
- In developing urban complex
- For temporary supplies
- In theft prone areas

## Advantages

- Lower voltage drop, higher current carrying capacitances vis-à-vis better voltage regulation and low inductance leading to low impedance of lines
- Insulation prevents corrosion of the conductor and danger risk of touching live conductor
- Perfect for installation, erection and stringing in rural distribution in difficult terrains
- Longer spans and longer distance lines are possible with better system stability
- Can stand in close proximity to trees and will not generate sparks if touched
- Possible faults are eliminated due to destruction of trees
- Electricity theft is made harder and more obvious to detect
- Lightweight and cheaper than power cables
- Much safer than bare Conductors



## СИП1 - СИП2



### Construction

- Aluminium Compacted Conductor
- СИП 1 - Black LDPE Insulation
- СИП 2 - Black XLPE Insulation
- Longitudinal Ridges
- Bare Alloy or ACSR Porter

## СИП1А - СИП2А



### Construction

- Aluminium Compacted Conductor
- СИП 1А - Black LDPE Insulation
- СИП 2А - Black XLPE Insulation
- Longitudinal Ridges
- Insulated Alloy or ACSR Porter

## СИП4 - СИП5



### Construction

- Aluminium Compacted Conductor
- СИП 4 - Black LDPE Insulation
- СИП 5 - Black XLPE Insulation
- Longitudinal Ridges
- Self Supporting Porter

## Е-А2У / Е-ХА2У



### Construction

- Aluminium Compacted Conductor
- XLPE Insulation
- Longitudinal Ridges
- Public Lighting
- Self Supporting Porter