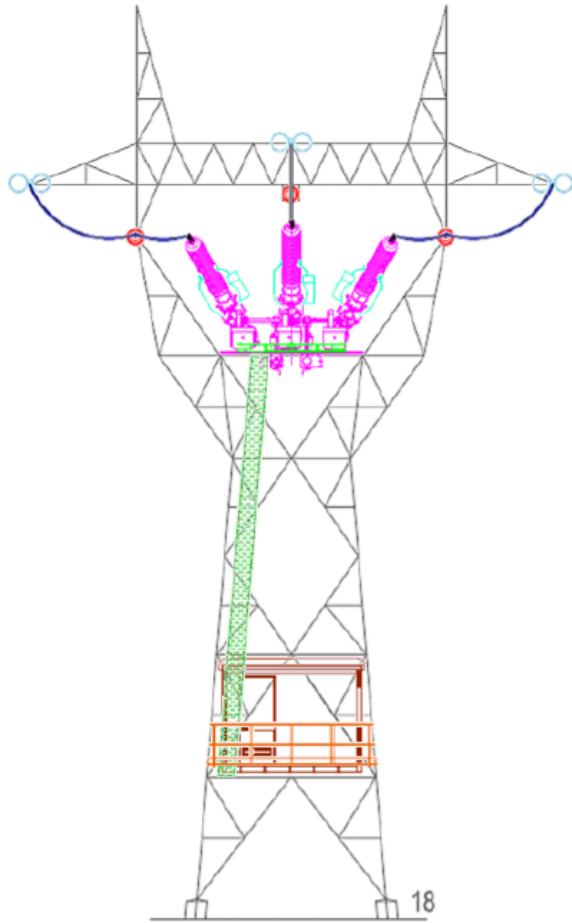


*Focus on OMP (Pole-Mounted Breaker and Switchgear)*

# what an OMP looks like

A MCM (gas-insulated compact multifunction module) in the support



**Support**

switching  
equipment

surge arrester

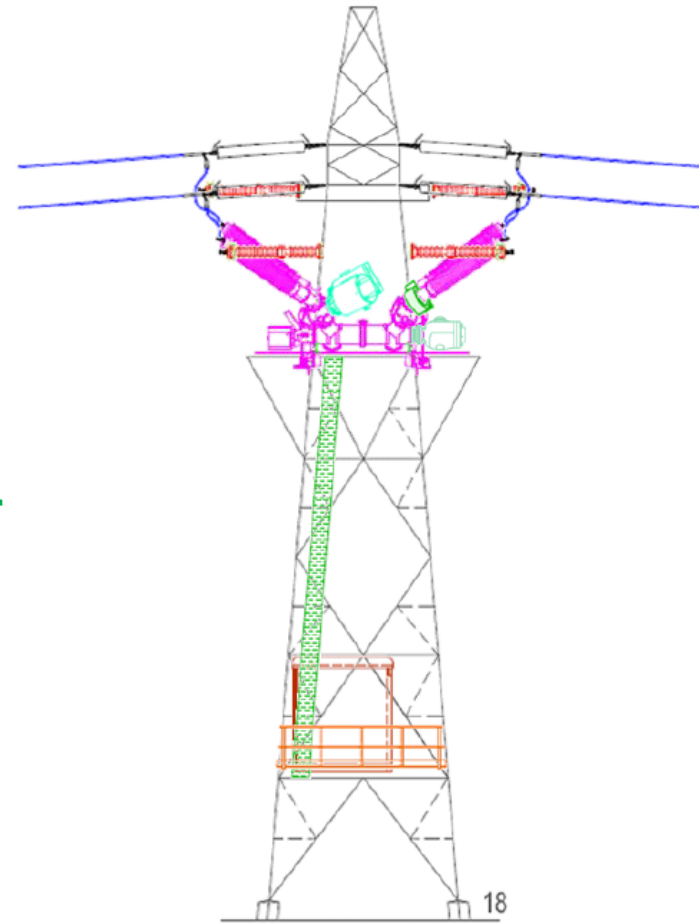
Inductive power  
transformer and  
Voltage  
transformers

Current Tansformer

OHLs

Shelter

Cables



# How a OMP works

## ADVANTAGES OF SCHEDULED MAINTENANCE

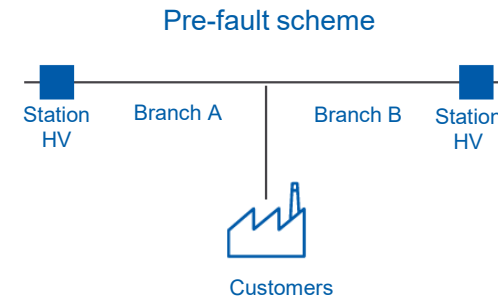
- Operational flexibility, thanks to the possibility of performing manoeuvres not only manually on site, but also remotely;
- Speed and ease of maneuvering;
- Instantaneous and remote network reconfiguration;
- No interruption to the electricity service;
- Flexible intervention scheduling, independent of users' production cycles;
- Maximization of the energy produced by non-programmable systems;

## ADVANTAGES IN THE EVENT OF A FAULT

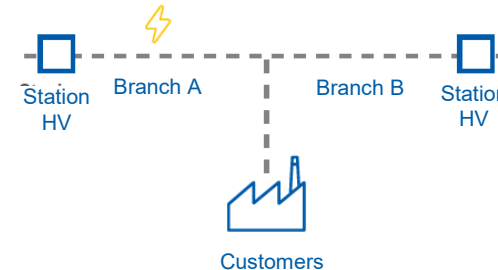
- Reduction in recovery times following a out of service;
- Selective and automatic elimination of faults on the AT backbone;
- Improvement in service quality for connected users;
- Minimization of economic losses for users due to interruption of the production cycle;
- Reduction in the risk of damage to industrial plants due to prolonged power outages;
- Suppression of short and medium interruptions due to faults on the backbone and consequent compensation by the operator;

## Benefits

### Without OMP



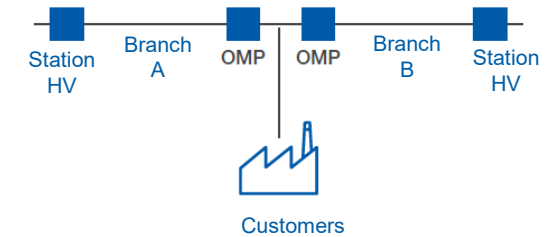
### Post-fault scheme



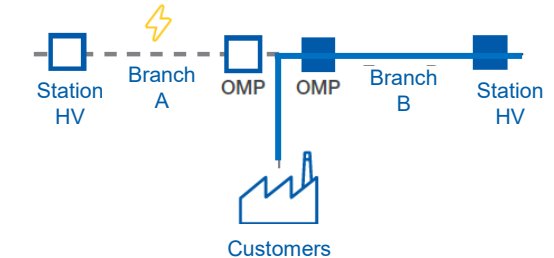
in the event of a fault or scheduled maintenance on a branch, the entire line goes out of service, with a power outage for the customers

### With OMP

#### Pre-fault scheme

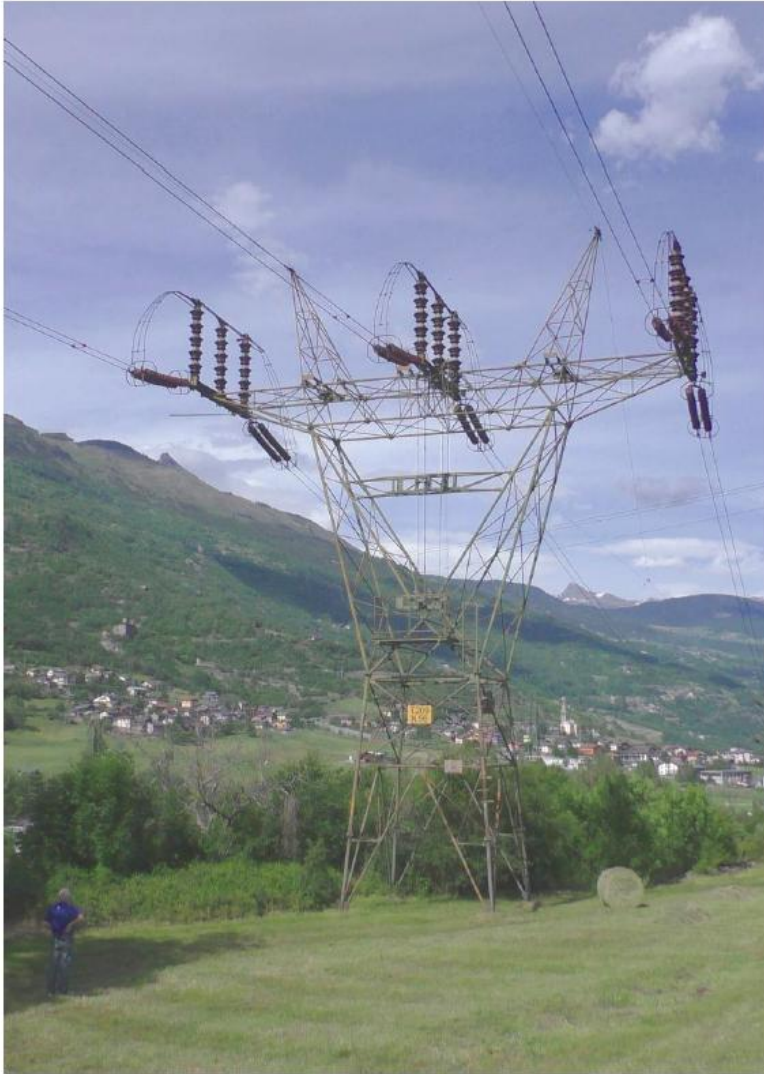


#### Post-fault scheme



With OMP, in the event of a fault or scheduled maintenance, only the affected branch is taken out of service without power outage for the customers.

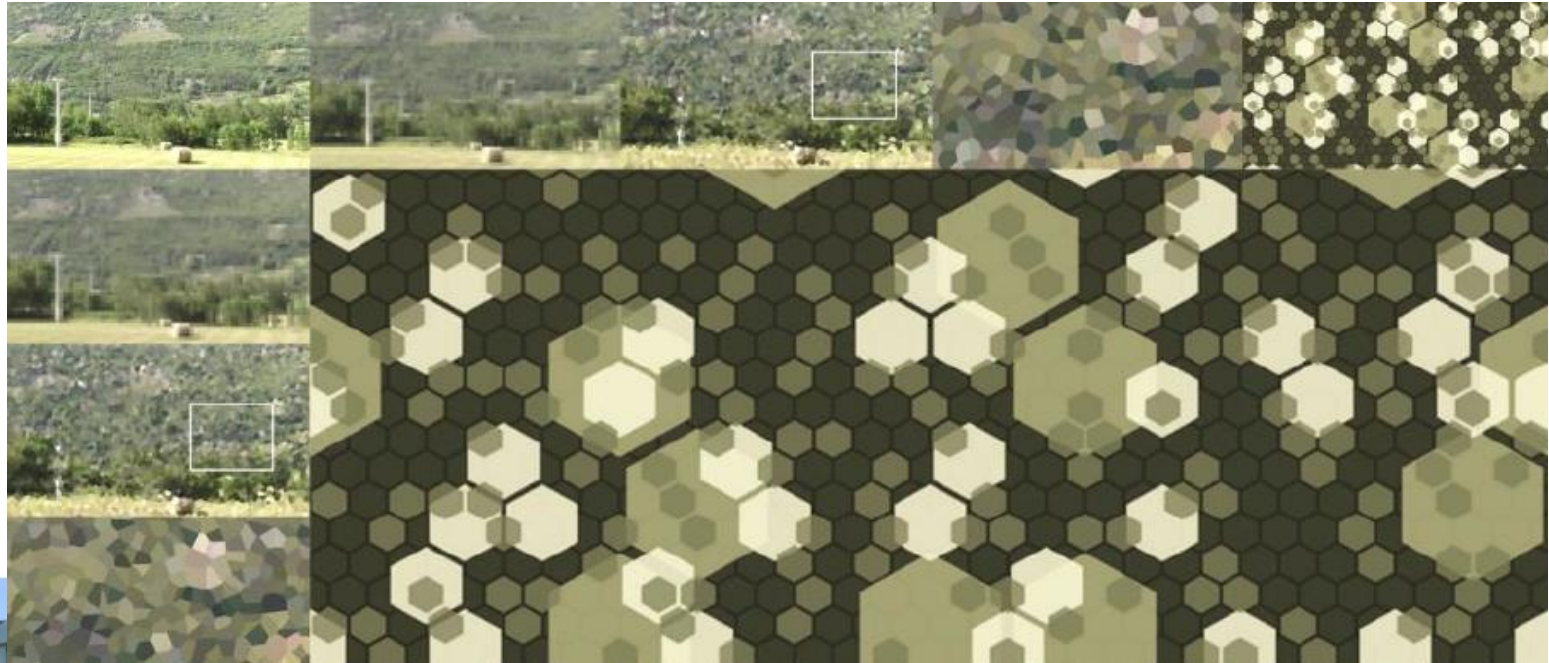
Before



After







Terna has paid close attention to the visual integration of the infrastructure into the landscape, and in particular, to avoid visual impact even at great distances, it has studied and adopted a color scheme which, together with geometric shapes, creates a geometric honeycomb camouflage that blends in as well as possible with the surrounding landscape.



