Big Data Use Cases – Public Good

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Tax Administration

- Supporting users/businesses in filing correct taxes
- Identifying tax frauds
- Identification of high risk entities
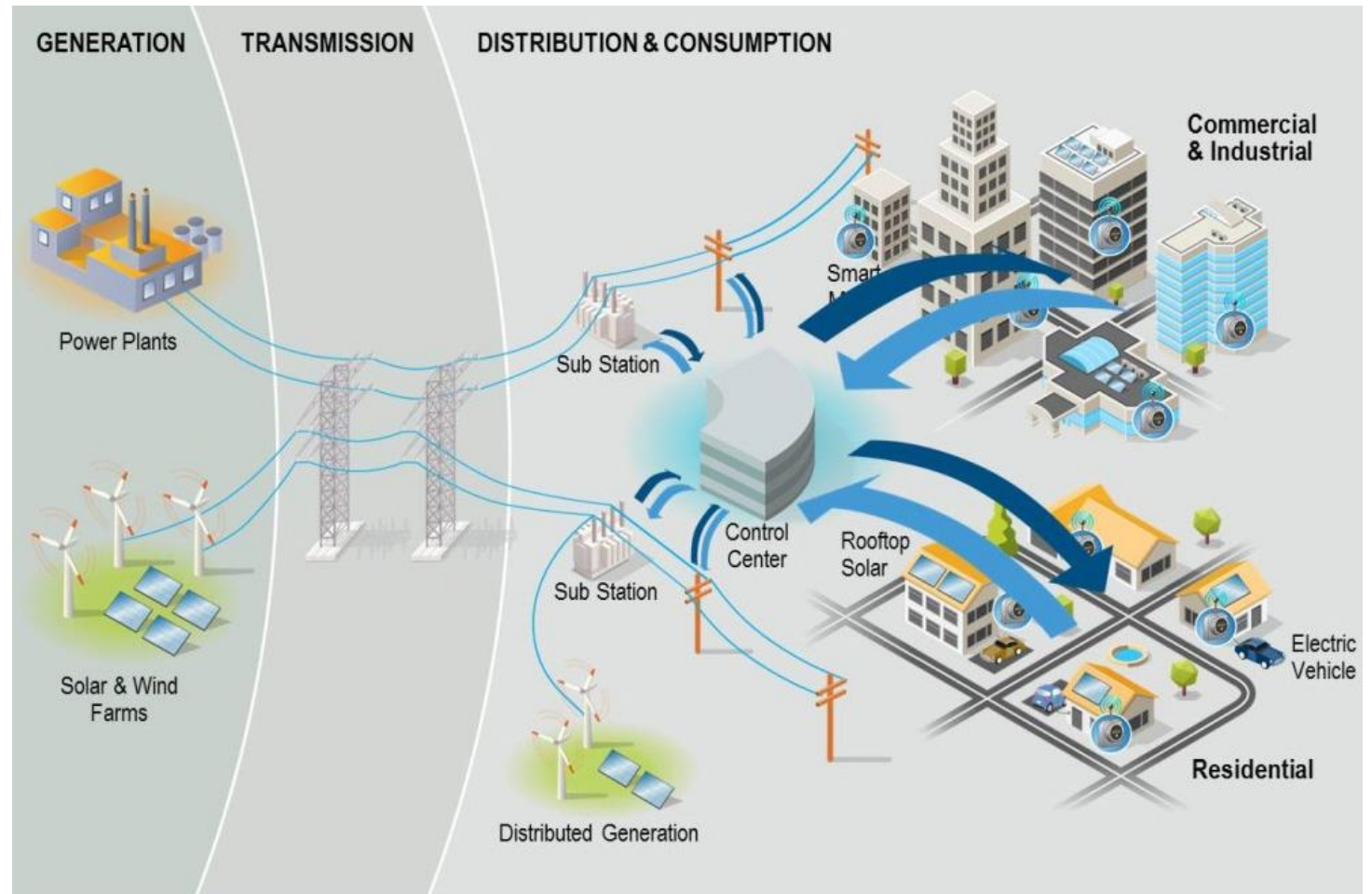
Transportation

- Route planning
- Real-time congestion handling
- Ensuring reliability of the services
- Self-driving cars

Energy Management

- Production planning
- Fault detection
- Smart meters/homes

Public Health

- Electronic health records
- Patient-centered care
- Predictive care
- Infectious disease planning and control

Disaster Management

- Disaster prediction
- Real-time disaster assistance

Challenges

- Data quality

- Infrastructure cost

- Adequate Human Resource

- Privacy and Security

New Trends

- Shared services

- Cloud computing

- Open data

- Regulatory compliance