

**Vattenfall Network Solutions**

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# VATTENFALL



## Power-as-a-Service



Industry



Data Centers

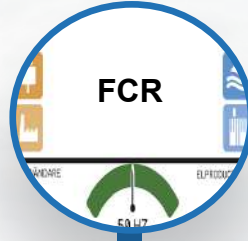
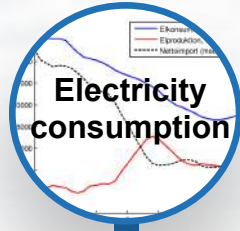
Same offer  
**"Power-as-a-Service"**  
for different customer  
segments

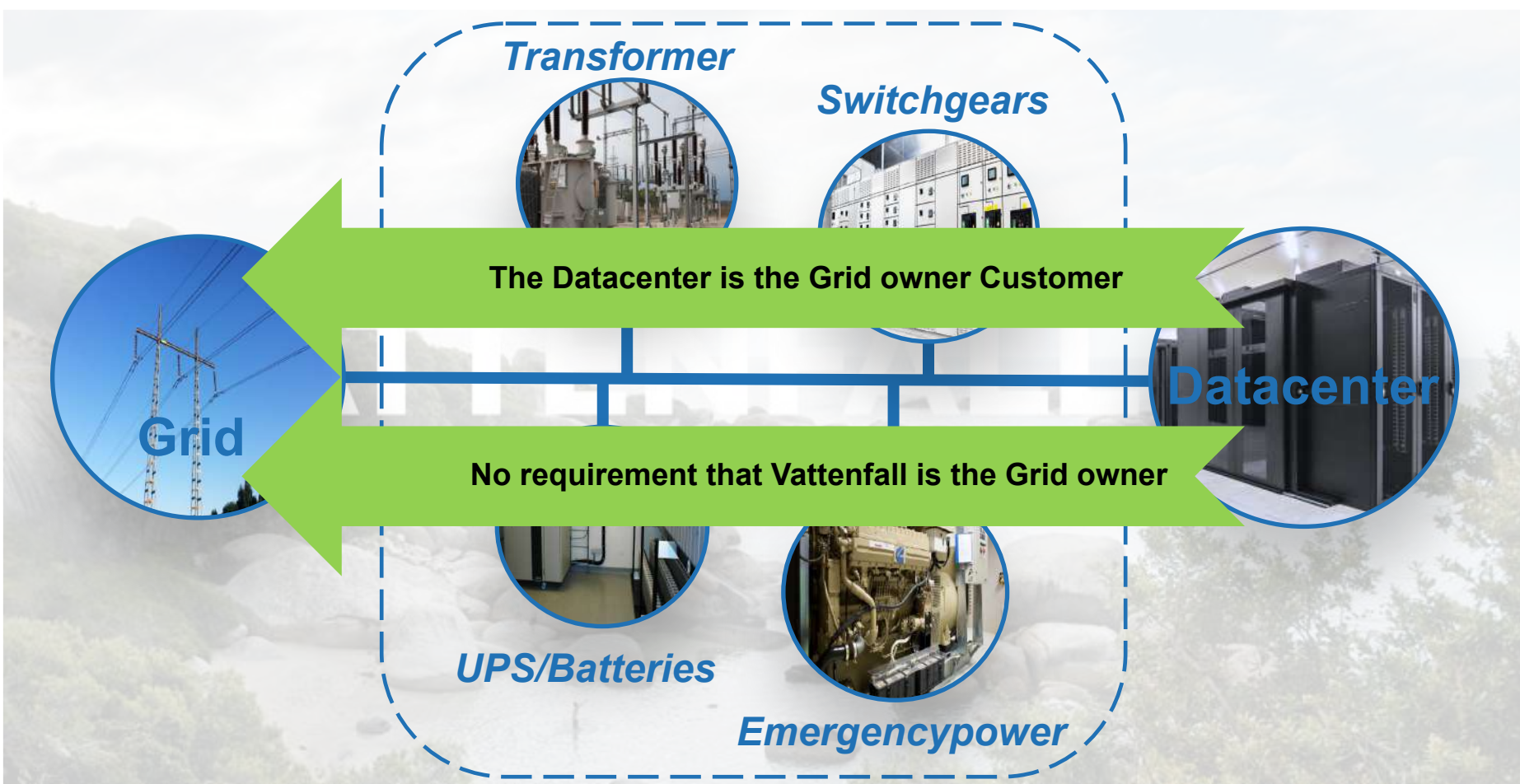


Heavy Transport



Grid Operators





*Transformer*

*Switchgears*

**The Datacenter is the Grid owner Customer**

**No requirement that Vattenfall is the Grid owner**

*UPS/Batteries*

*Emergency power*

**Grid**

**Datacenter**

## Existing Data Center



- **Valuation**
- **Buy**
- **Capital to invest**
- **Ownership**

## New Data Center



- **Agreement**
- **Investment costs**
- **Build**
- **Ownership**

## Existing Data Center



## New Data Center



-  **Ownership**
-  **Operation & Maintenance**
-  **Risk & Responsibility**
-  **Planning & Installation**
-  **New investments**
- Agreed contract period**
-  **Fixed monthly fee**

# Owning your own electrical infrastructure comes with a wide range of responsibilities

## Owning responsibilities



Risks



Safety &  
Environment



Investments

## Operational responsibilities



Operation &  
Maintenance



Upgrades

## Business responsibilities



Business  
operations

# With Power-as-a-Service, Vattenfall takes full responsibility for your high voltage equipment

## Vattenfall Power-as-a-Service



Risks



Safety &  
Environment



Investments



Operation &  
Maintenance



Upgrades

## Your focus



Business  
operations



# Summary

## Datacenter operator

Functional responsibility

Insurance liability

Technical and financial risks

Electrical safety responsibility

Operation

Maintenance

Scheduled inspections

Readiness & troubleshooting

Plant optimization

## Entrepreneur

## Power-as-a-Service



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**VATTENFALL**



**Thank you!**