POWER UNDER CONTROL
WHY cyberGRID?

- System solution provider
- As part of TOSHIBA Group we offer complete solutions in the entire spectrum of smart grids
- Demand Response Management (DRM) and Virtual Power Plant (VPP) solutions are our core business
- Help you to manage your resources
- Provide top-end market-proven technology and consultancy
- Deployment time in 3-5 months
- Worldwide extensive experience

SUSTAINABLE SOLUTION

- Unlocks the flexible potential from consumers, distributed generation and storage
- Enables more efficient use of existing energy infrastructure
- Environmentally friendly, CO₂-neutral, clean energy asset

WE WILL ENABLE YOU TO

- Increase your revenues by participating in various power markets
- Offer new products and services to your customers
- Manage and prolong assets' life and infrastructure investments
- Minimize risk of outages

FEATURES & FUNCTIONS

- Real-time
- Easy to use
- Secure
- Scalable
- Fully automated
BENEFITS FOR OUR CUSTOMERS

NETWORK OPERATORS DNOs
- Reduce operational costs
- Increase quality and security of power supply
- Optimize asset utilization
- Enable peak-shaving events
- Manage micro grids and renewables

RETAILERS / TRADERS
- Additional market revenues
- Increase customer base
- Attract new customers by offering new products
- Reduce imbalance costs
- Minimize price volatility risk
- Monetize customers’ flexibility

VERTICALLY INTEGRATED UTILITIES
- Optimize energy value chain
- Peak shaving during high demand
- High quality and security of power supply
- Voltage regulation
- Expand your generation portfolio

SMART CITIES
- Decrease electricity costs for the residents
- Integrate and optimize use of renewables, storage, electric vehicles, heat pumps, etc.
- Efficiently manage smart appliances
- Increase awareness of electrical energy use
- Forecast future consumption of your city
- Improve your social responsibility and green image
Five Steps to Success

Return on Investment within a Year

Time of Integration: 3-5 Months

Deployment Options
- On-site installation
- Hosting
- Cloud

Full Range Services
- White-label solution
- From field equipment to aggregation business consultancy
- Commercial deployment or step-by-step approach with demo or pilot in the first phase
- Flexible and modular architecture for a unique combination of the functionalities, integrating with existing legacy systems and delivering new value proposition

Deployment Options

- 3rd party systems integration
- Full market integration
- Product prediction
- Resource optimization
- Flexibility forecasting
TECHNOLOGY

TAKE YOUR BUSINESS TO THE NEXT LEVEL

- EXPLOIT FLEXIBLE CAPACITY
- BY USING cyberGRID’S TECHNOLOGY
- TO TAKE YOUR BUSINESS TO THE NEXT LEVEL
USE CASE

An advanced ICT solution called cyberNOC aggregates flexible resources into a clean energy asset which acts like a conventional peaking power plant.

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