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Whitepaper 5G and Energy Business Model and Regulations Panel – Nov 9

Whitepaper 5G and Energy Business models

- New business models supporting longevity, virtualization / slicing, cost efficiency and dedicated machine profiles
- Power utilities are taking more ownership on the telecom network
- There will also be a need for storage / big data services
 - Telecom operators are proposing IT / big data services in addition to connectivity – however, power utilities may be restrictive in sharing data

Whitepaper 5G and Energy Regulations and Policies domain

- Power utilities
 - Regulations have high impact, examples of barriers:
 - Uncertain national action plans
 - Integration of EV, storage, demand / response into market
 - Data protection laws
 - Power outage - penalties
 - Cyber security
- Telecom
 - Competition, licensing, market power – allowing new operators
 - Use of scarce resources, e.g. spectrum
 - Ubiquitous service – rural substations
- Possible adoption accelerator
 - Enable “specialized services” with guaranteed performance for critical infrastructure systems

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