RAND PROJECT AIR FORCE

A Framework to Assess Installation Energy Assurance

Energy Planning for Resilient Military Installations
December 5, 2017

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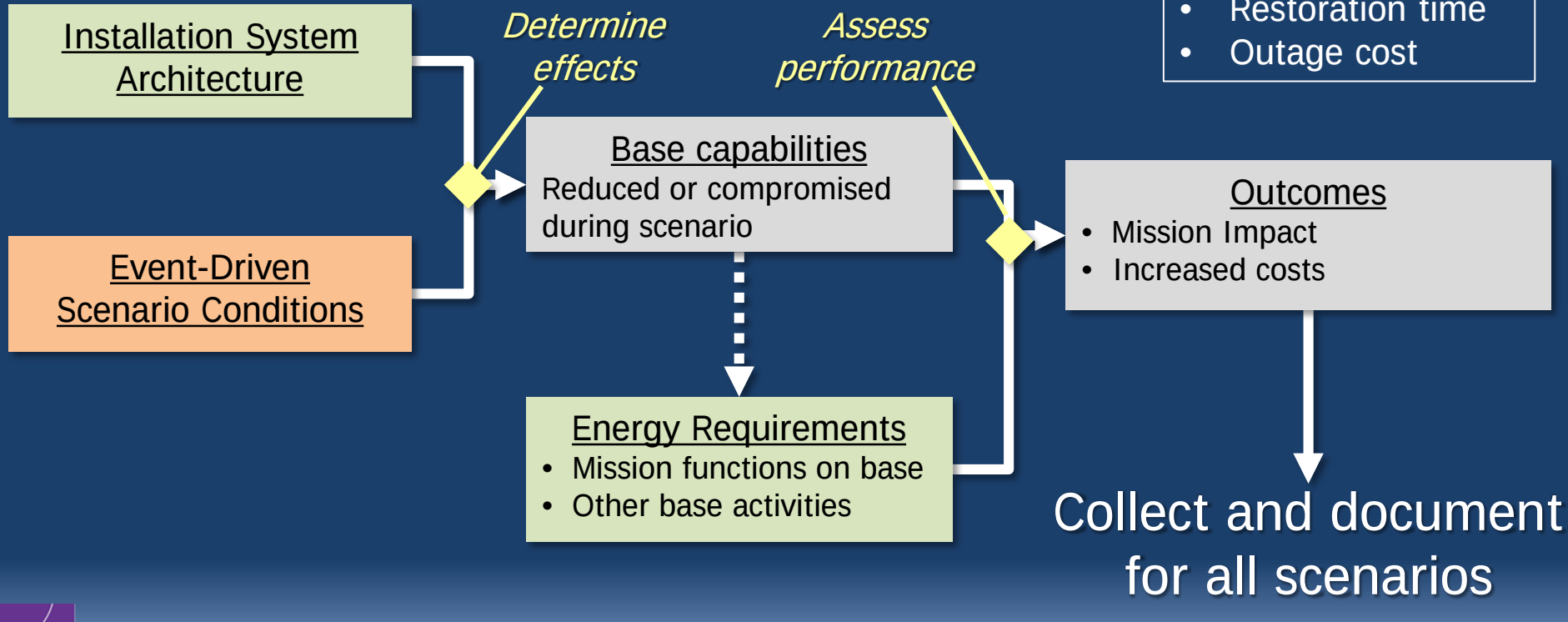
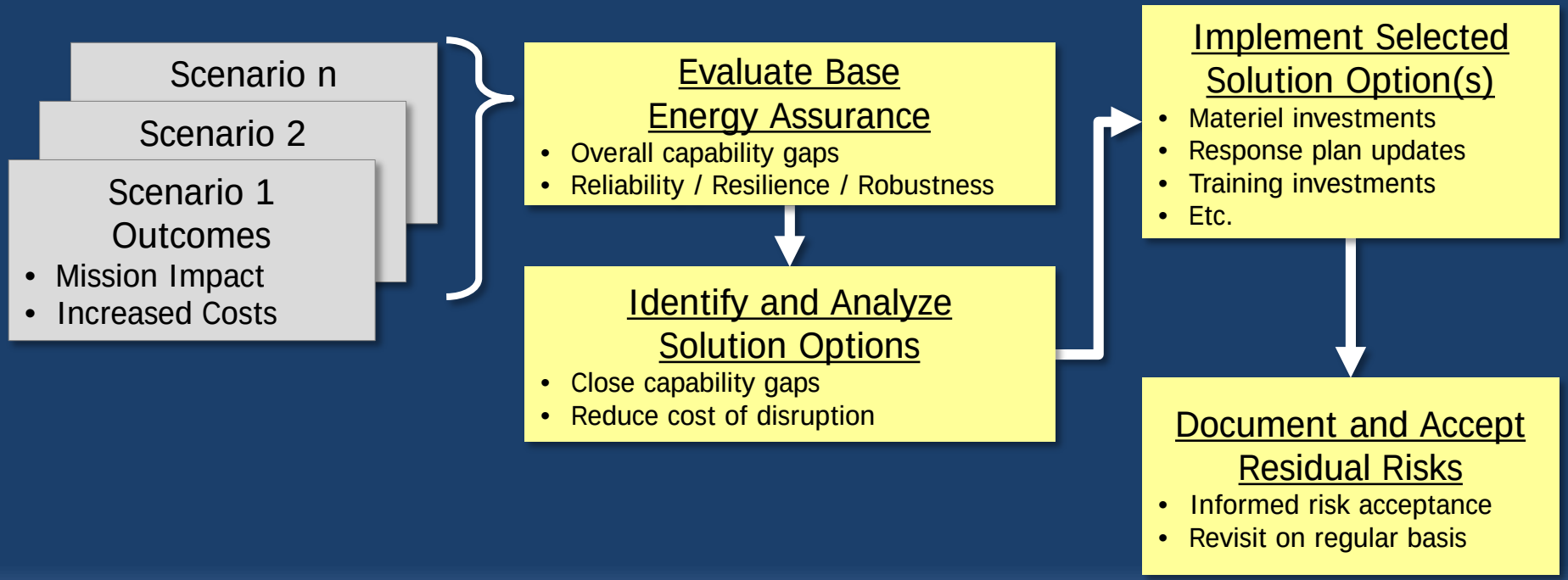
Energy assurance framework
1. Assess performance for one scenario

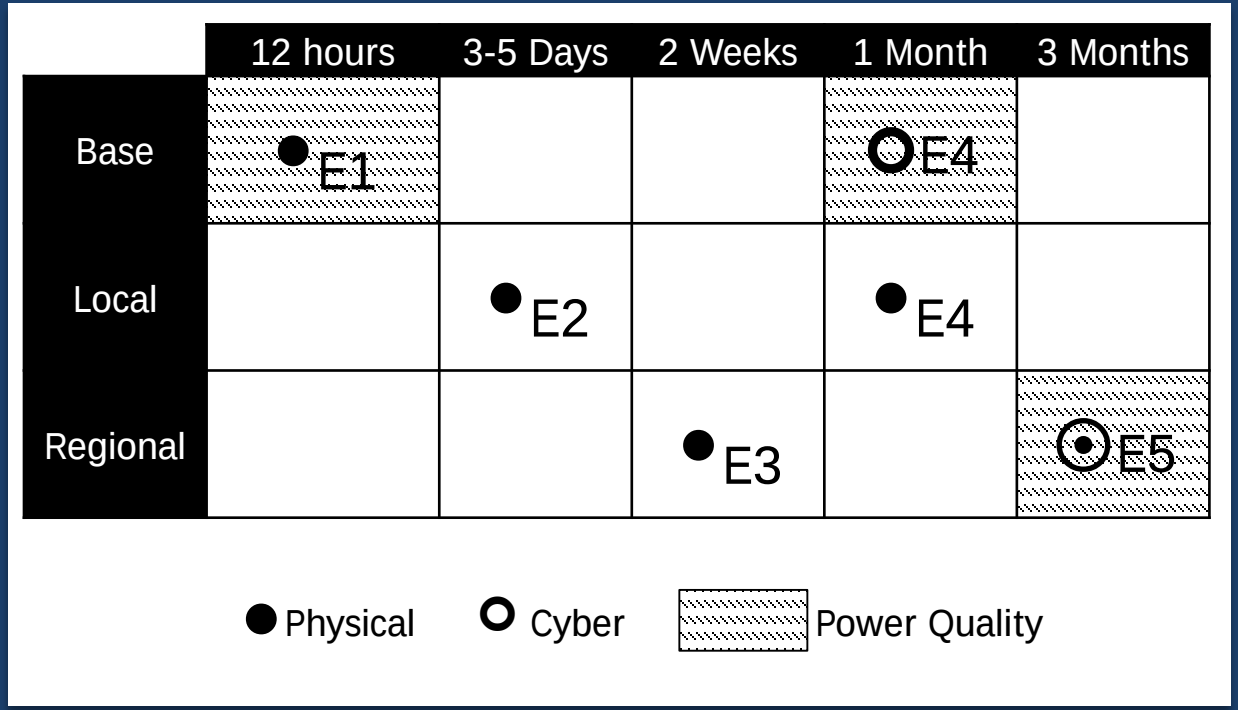


Energy assurance framework
2. Assess performance across scenarios



Event-driven scenarios

- E1: Transient power quality event
- E2: Local storm, physical damage
- E3: Regional disaster
- E4: Directed attack (including cyberattack) on power infrastructure
- E5: Disaster plus concurrent cyberattack



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