



OFFICE OF ENERGY INITIATIVES

Securing Army installations with *energy*
that is *resilient*, *affordable*, and *sustainable*

Resiliency, Reliability, and Energy Infrastructure Planning

Michael McGhee

8 February 2018

www.oei.army.mil

Assistant Secretary of the Army (Installations, Energy & Environment)

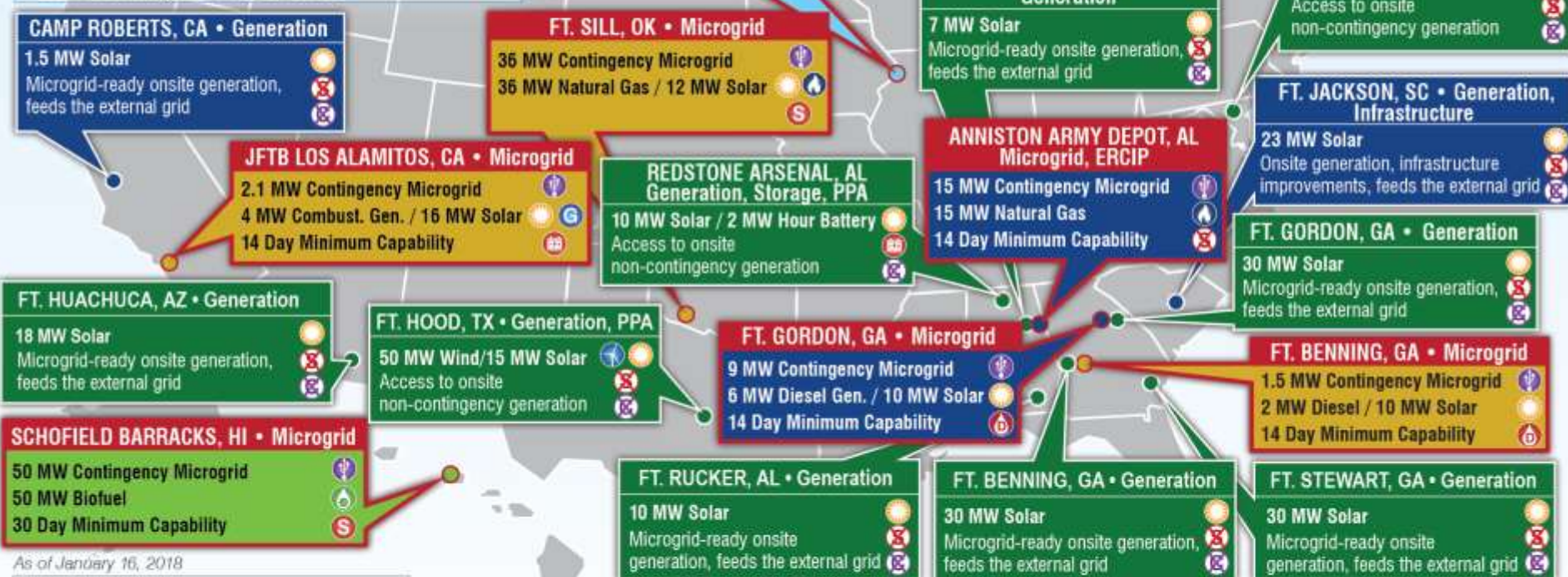


Army Office of Energy Initiatives (OEI) Renewable and Alternative Energy Resilience Projects

Resilience Stats

- 100% with Onsite Generation
- 42% with Onsite Storage or Supply
- 42% with Onsite Controls
- 42% Islandable*

* An islandable project is defined as a project able to maintain operations when the electric grid goes down.
% = Percentages of Project Portfolio



As of January 16, 2018

Project Status

- Phase 1:** Assessment
- Phase 2:** Validation
- Phase 3:** Contracts & Agreements
- Phase 4:** Construction
- Phase 5:** Operational

Renewable & Alternative Energy Key

- | | | | | |
|---------|------------|-------------|------------------|--------------|
| Biomass | Diesel | Natural Gas | Battery Storage | "Islandable" |
| Biofuel | Generation | Solar | Storage / Supply | No Storage |
| CHP | Hydro | Wind | Controls | No Controls |



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Under Construction, Operational 2018

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