



**US Army Corps of Engineers**

# HURRICANE IRMA & MARIA RESPONSE

Updated as of 05 NOV 17

MISSION ASSIGNMENTS / CUMULATIVE COST / PERSONNEL ON GROUND



## PUERTO RICO

mission assignments issued by FEMA: **25** / **\$1.5 billion** / **552**



## US VIRGIN ISLANDS

mission assignments issued by FEMA: **24** / **\$186 million** / **234**

### TEMPORARY ROOFING



**60,000** roofs estimated for repair

**21%**

**6,204 blue roof** installs completed out of **28,928** requested



**7,000** roofs estimated for repair

**70%**

**2,982 blue roof** installs completed out of **4,249** requested

### TEMPORARY EMERGENCY POWER



**62%**

**432 generator** installs completed out of **696** installs requested



**93%**

**143 generator** installs completed out of **153** installs requested

### DEBRIS MANAGEMENT



**44 municipalities** requested assistance, currently working in **10**

**3%**

**128.7K cubic yards** removed of **4 million** assigned



**1.1 million** cubic yards estimated for removal

**15%**

**159.8K cubic yards** removed

### CRITICAL PUBLIC FACILITIES ASSESSMENT



**100%**  
4 / 4  
airports

**88%**  
904 / 1032  
schools

**62%**  
128 / 205  
emergency response structures



**100%**  
5 / 5  
hospitals

**100%**  
2 / 2  
airports

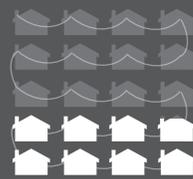
**100%**  
8 / 8  
water/ waste water facilities

**87%**  
28 / 32  
schools

**100%**  
24 / 24  
emergency response structures



### PUERTO RICO POWER GRID REPAIR



**39.2%** of Historic Average Load

current instant max demand: **904 MW**  
pre-storm avg monthly load: **2500-3000 MW**

Installation equaling **50MW** at **Palo Seco Power Plant** completed to help stabilize the power grid



**38.1%** functioning

**1,143 transmission lines** or line segments



**64.4%** functioning

**340 substations**

### LOGISTICS SUPPORT

#### FUSES



**100%**  
617,309 acquired out of 617,309 needed



**6.7%** on ground

#### INSULATORS



**56%**  
249,549 acquired out of 445,249 needed



**9.9%** on ground

#### POWER POLES



**82%**  
54,922 acquired out of 67,022 needed



**0%** on ground

USACE Public Affairs

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\* percentages may remain unchanged for periods of time as requests and installs completed can increase concurrently