

# Pinellas County Board of County Commissioners

Harry Sideris, State President

Duke Energy Florida

October 17, 2017

#### **Hurricane Irma**



- Most devastating hurricane in Duke Energy Florida's history
- Affected 1.3 million of our 1.8 million customers
- Impacted all 35 of our counties

### **Hurricane Irma**



### Largest mobilization in DEF history



### **Extensive Damage**









### **Storm Hardening and Grid Resilience Investments**

### **Storm Hardening**

 Since 2004, DEF has invested more than \$2 billion to harden its electrical system.

### **Self Healing Technology**

 Allowing the grid to self-identify problems and react to them by isolating those areas or rerouting power



### **Building a Smarter Energy Future**

## Advanced Technology Grid Modernization







### **Smart Meters**



### **Building a Smarter Energy Future**



Investments in Solar



**Battery Storage** 



**Charging Stations** 

### **Building a Smarter Energy Future**

### **Expanded Choices**

### Your FixedBill

Enroll and pay the same amount each month for a full year.



### **Powering Pinellas**







### **Powering Pinellas**









**Building A Smarter Energy Future**