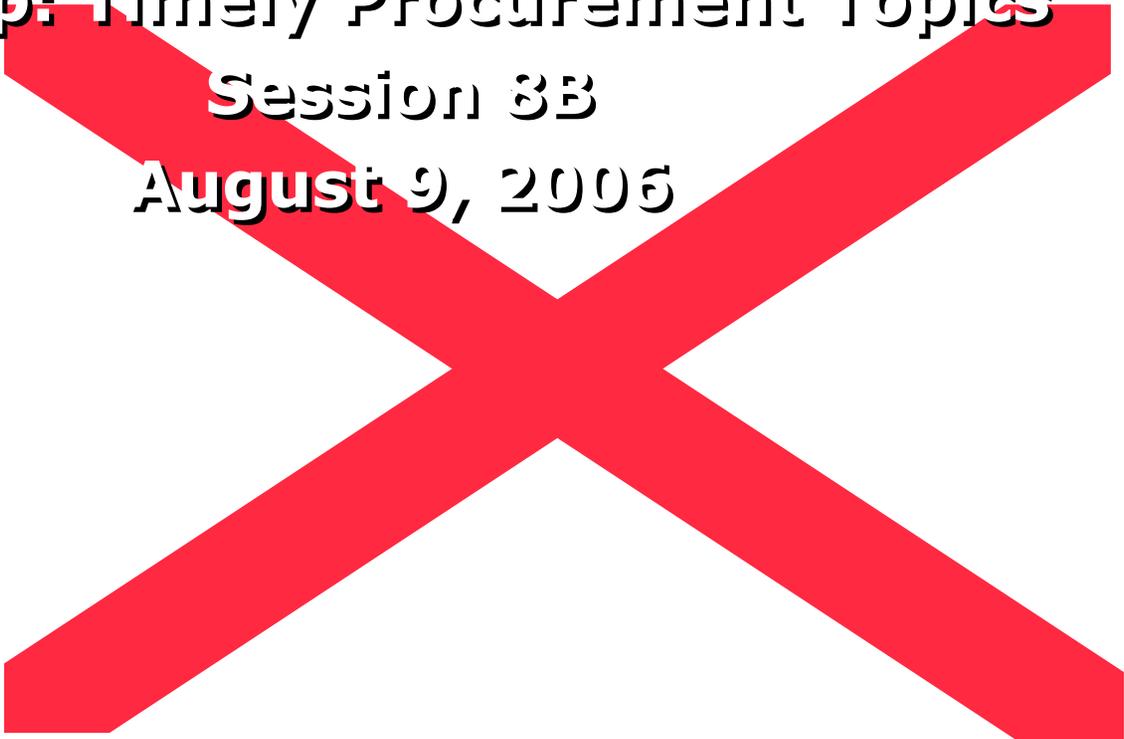

On-site Generation

Pit Stop: Timely Procurement Topics

Session 3B

August 9, 2006





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**Pit Stop:
Timely
Procurement
Topics**

Presentation for
ENERGY 2006 Conference



August 9, 2006



Presented by Mark Humphries
Chief Engineer VAMC Gainesville,
Florida



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**Pit Stop:
Timely
Procurement
Topics**

VISN 8 OVERVIEW:

- **Experiences, recent patterns of 2004 and 2005**
- **Facilities most vulnerable**
- **Driving factors for moving toward 100% emergency power**



2004 Hurricane Season



2005 Hurricane Season

Hurricane Wilma 2005

Hurricane Wilma approaching Palm Beach County, Florida



**Flooding in Key West
after Hurricane Wilma**



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**Pit Stop:
Timely
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Topics**

**The Medical Center in Florida that
was most keenly impacted
during the 2004 & 2005
Hurricane Seasons was...**



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**Pit Stop:
Timely
Procurement
Topics**



West Palm Beach VAMC







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**Pit Stop:
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Procurement
Topics**

The Hurricane Seasons of 2004 & 2005 demonstrated that the key impacts from Hurricanes were:

- Flooding
- Wind Damage
- Utility Failures



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The biggest long term impacts to our Medical Centers in Florida and Puerto Rica were related to Utility Failures of Power and Water.



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**Pit Stop:
Timely
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VISN 8 Determined that the top priority to address was Full Power for the VA Medical Centers in Florida & Puerto Rica.

Presently working toward minimum 7 day sustainability for Florida medical centers; 10 for San Juan



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**Pit Stop:
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Procurement
Topics**

Status of VISN 8 Medical Centers for 100% Full Electrical Power:

- Bay Pines, FL 2007
- Gainesville, FL 2007
- Lake City, FL 2006
- Miami, FL 2006
- San Juan, PR 2006
- Tampa, FL 2009
- West Palm Beach, FL 2007



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**Pit Stop:
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Topics**

Means by which VISN 8 goals are being achieved:

- VA Capital Construction Programs
- Working with Local Utility Company



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Pit Stop:
Timely
Procurement
Topics

Other VISN 8 considerations toward hurricane preparedness include:

- **Water** access and storage capacity
- **Fuel** access and storage capacity
- **Sewer** retention and discharge
- **Hazardous Waste** storage
- **Condition of Infrastructure** (bldg envelope and equipment)



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**Pit Stop:
Timely
Procurement
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Discussion Questions

