

Governor's Office of Homeland Security & Emergency Preparedness



**Interoperability Overview
Regions 6, 7, and 8
November 5-6, 2008**

Agenda

- ✓ Act 797
- ✓ System Requirement Policy
- ✓ State Build out of the P25 System
- ✓ Current Status of the Build Out
- ✓ FY-09 Budget & FY-10 Proposed Budget
- ✓ System Access Policy
- ✓ Talkgroup Policy
- ✓ Statistics on the System
- ✓ Strategic Technology Reserve
- ✓ Funding Opportunities
- ✓ SIEC Website



Senate Bill No. 788

- Regular Session, 2008
- Sponsored by Senator Walsworth and Representatives Hines, Leger, Lorusso, Richmond and White.
- Cleared both legislative bodies on unanimous votes
- Signed by Governor Jindal on July 8, 2008
- Effective date was August 15, 2008



Unified Command Group

- The Unified Command Group (UCG) will serve as a strategic decision making body for emergencies in the State with the Governor serving as the unified commander.
- The Group will meet at least quarterly to make decisions that affect the emergency management and first responder community.
- The Act does not define a permanent structure of the UCG but allows the structure to be established by Executive Order.

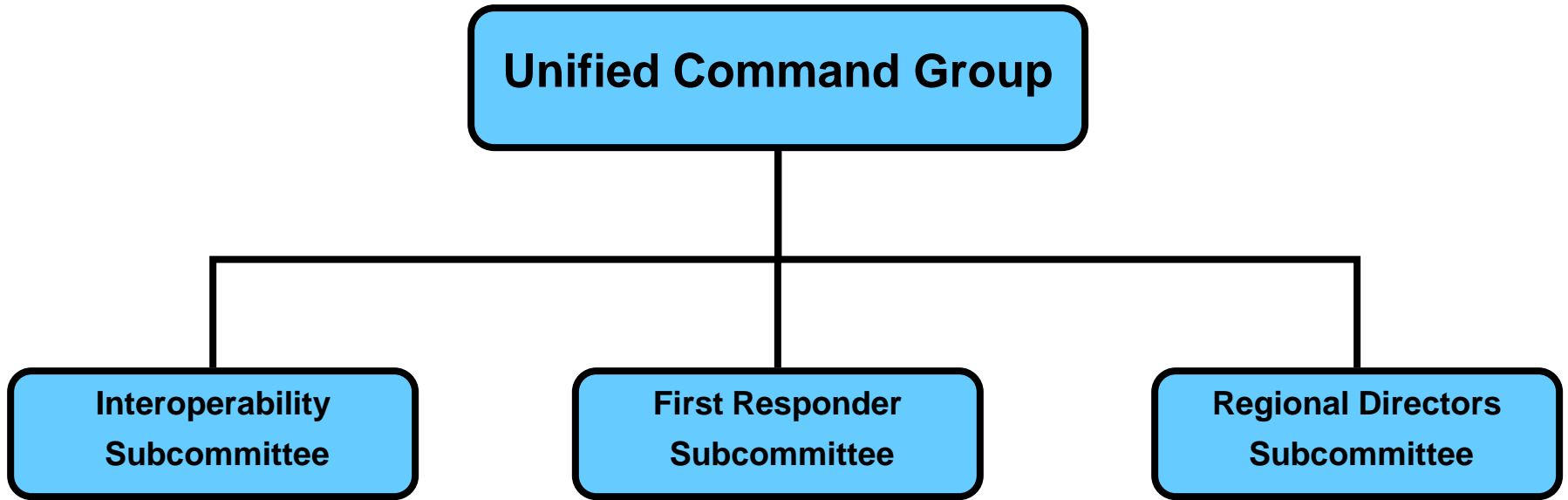


Unified Command Group

**Interoperability
Subcommittee**

**First Responder
Subcommittee**

**Regional Directors
Subcommittee**





Interoperability Subcommittee

- Establishes the Office of Interoperability within GOHSEP and provides for an Assistant Deputy Director of Interoperability who will chair the Interoperability Subcommittee.
- Establishes the Interoperability Subcommittee which **reports** to the Unified Command Group on interoperability issues.
- The interoperability Subcommittee consists of 20 members consisting of first responder associations, State agencies and 9 regional representatives.



Interoperability Subcommittee

- The Interoperability Subcommittee is charged with “designing, constructing, and assisting in administering and maintaining a statewide communications interoperability plan for first responders.
- Submitting a semi-annual report to the governor and to the UCG by January first and July first of each year which includes a copy of the current or revised statewide communications interoperability plan for first responders.



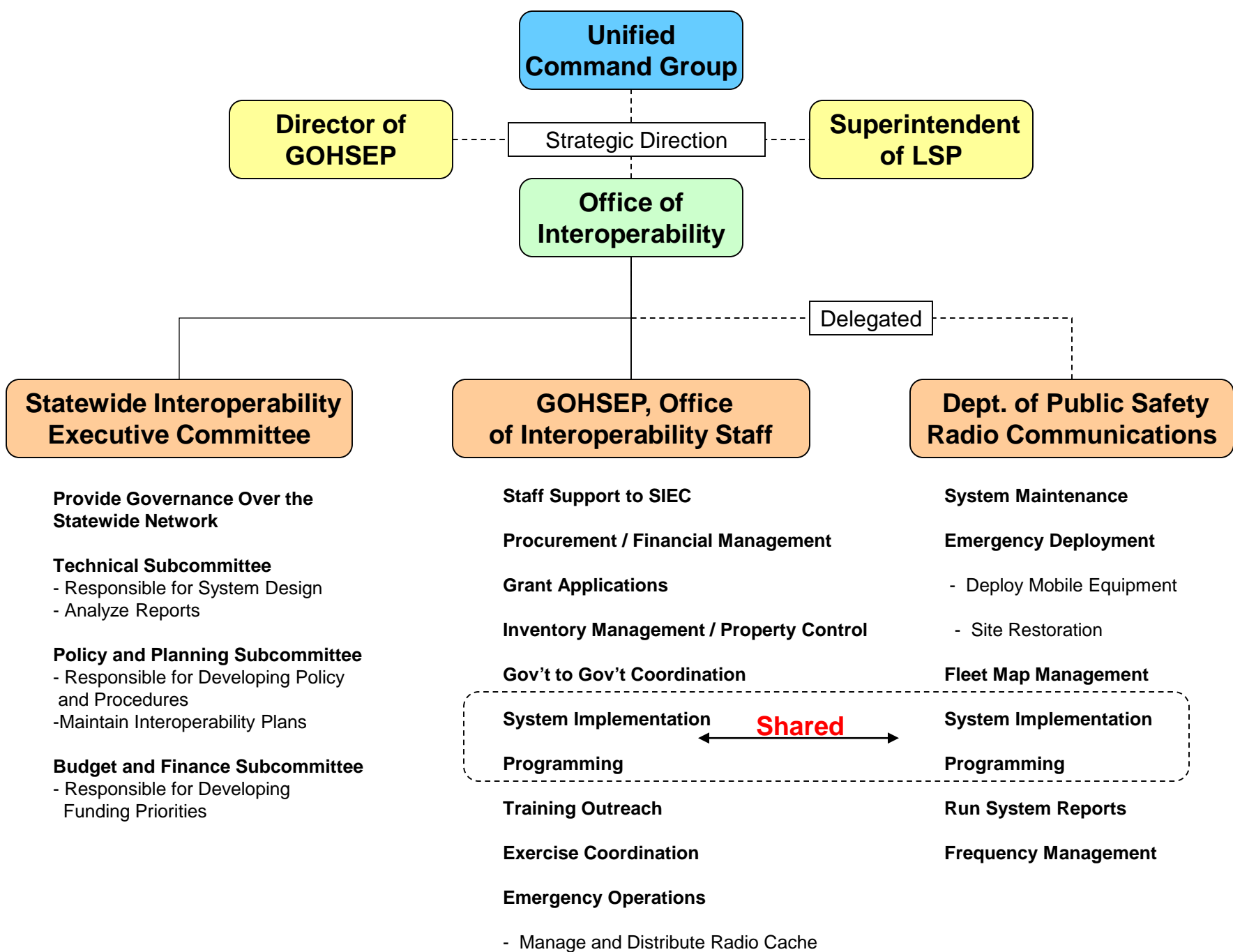
Interoperability Subcommittee

- Former Structure of the SIEC:
 - 27 Members:
 - 14 State Agencies
 - 9 Regional Representatives
 - 4 First Responder Associations
- Existing Structure of the New Interoperability Subcommittee
 - 20 Members:
 - 5 State Agencies
 - 9 Regional Representatives
 - 6 First Responder Associations



Interoperability Subcommittee

State Agencies	First Responder State Associations	Regional Representatives
Governor's Office of Homeland Security & Emergency Preparedness	Louisiana Sheriffs Association	Region 1
Division of Administration	Louisiana Association of Chiefs of Police	Region 2
Louisiana National Guard	Louisiana Fire Chiefs Association	Region 3
Department of Public Safety and Corrections, Public Safety Services	Regional Parish Homeland Security and Emergency Prep. Directors Committee	Region 4
Office of Indian Affairs	Association of Public Safety Communications Officials	Region 5
	Louisiana Ambulance Alliance	Region 6
		Region 7
		Region 8
		Region 9





First Responder Subcommittee

- Charged with planning and advising on issues identified by GOHSEP and the Unified Command Group regarding First Responders
- Consists of:
 - Louisiana Sheriffs Association
 - Louisiana Association of Chiefs of Police
 - Louisiana Fire Chiefs Association
 - Chair of the Regional OHSEP Directors Committee
 - Louisiana State Police Superintendent
 - Louisiana Fire Marshal
 - GOHSEP Director



Regional Directors Subcommittee

- Charged with planning and advising on strategic emergency management issues from a regional perspective
- Consists of:
 - GOHSEP Director
 - 9 - Homeland Security and Emergency Preparedness Regional Directors



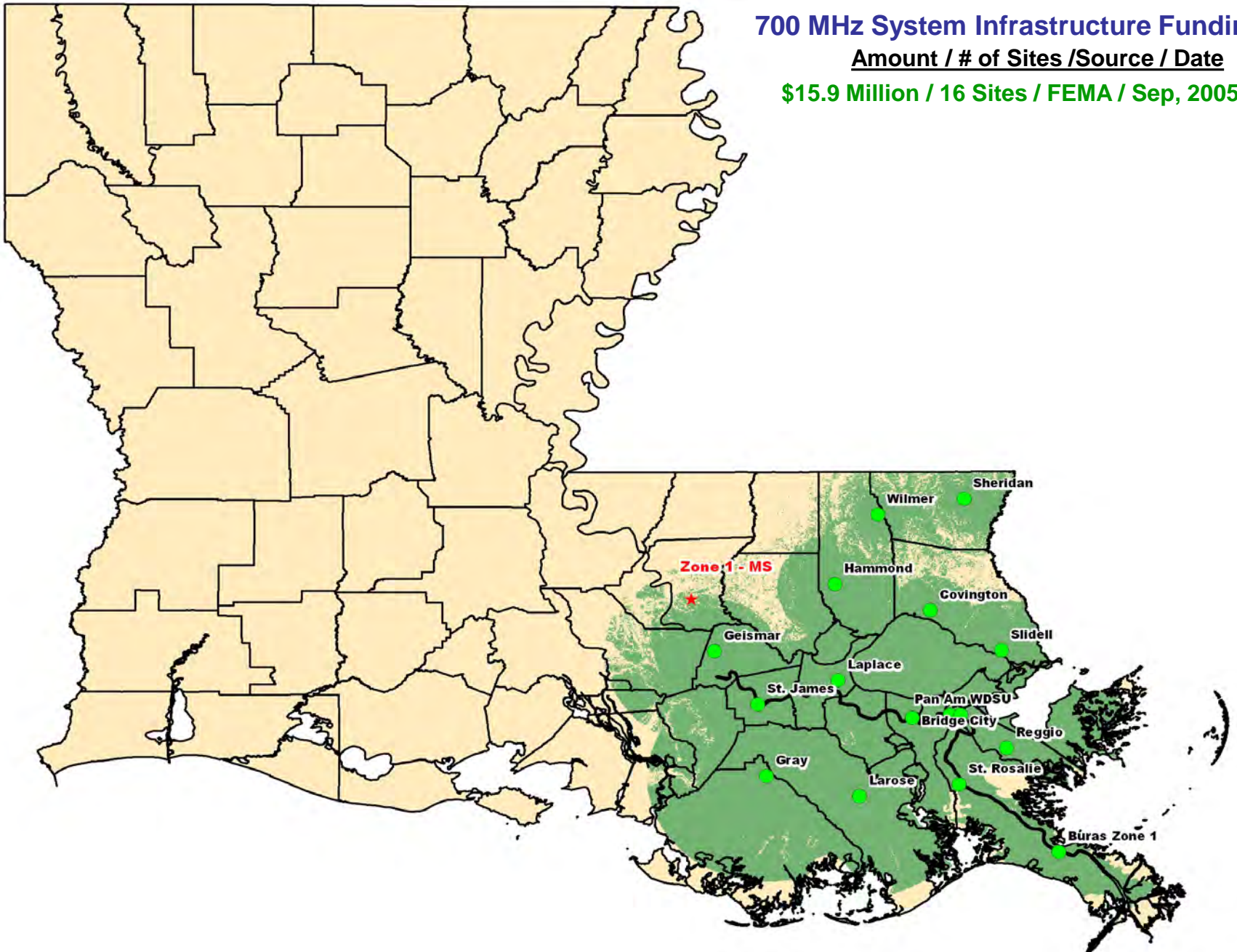
Policy 09-001: Statewide System Requirements

- Outlines the statewide P25 System Governance, General Requirements, Maintenance and Expansion and Enhancement.
- Delegates governance of the statewide communications system to the SIEC
- ***Requires 95% or better portable radio coverage inside a building within at least the more densely populated metropolitan areas of the state, 95% or better street level coverage in all other areas of the state.***
- Delegates maintenance of the statewide communication system to the Department of Public Safety and Corrections, Public Safety Services, Radio Communications Section

700 MHz System Infrastructure Funding

Amount / # of Sites / Source / Date

\$15.9 Million / 16 Sites / FEMA / Sep, 2005

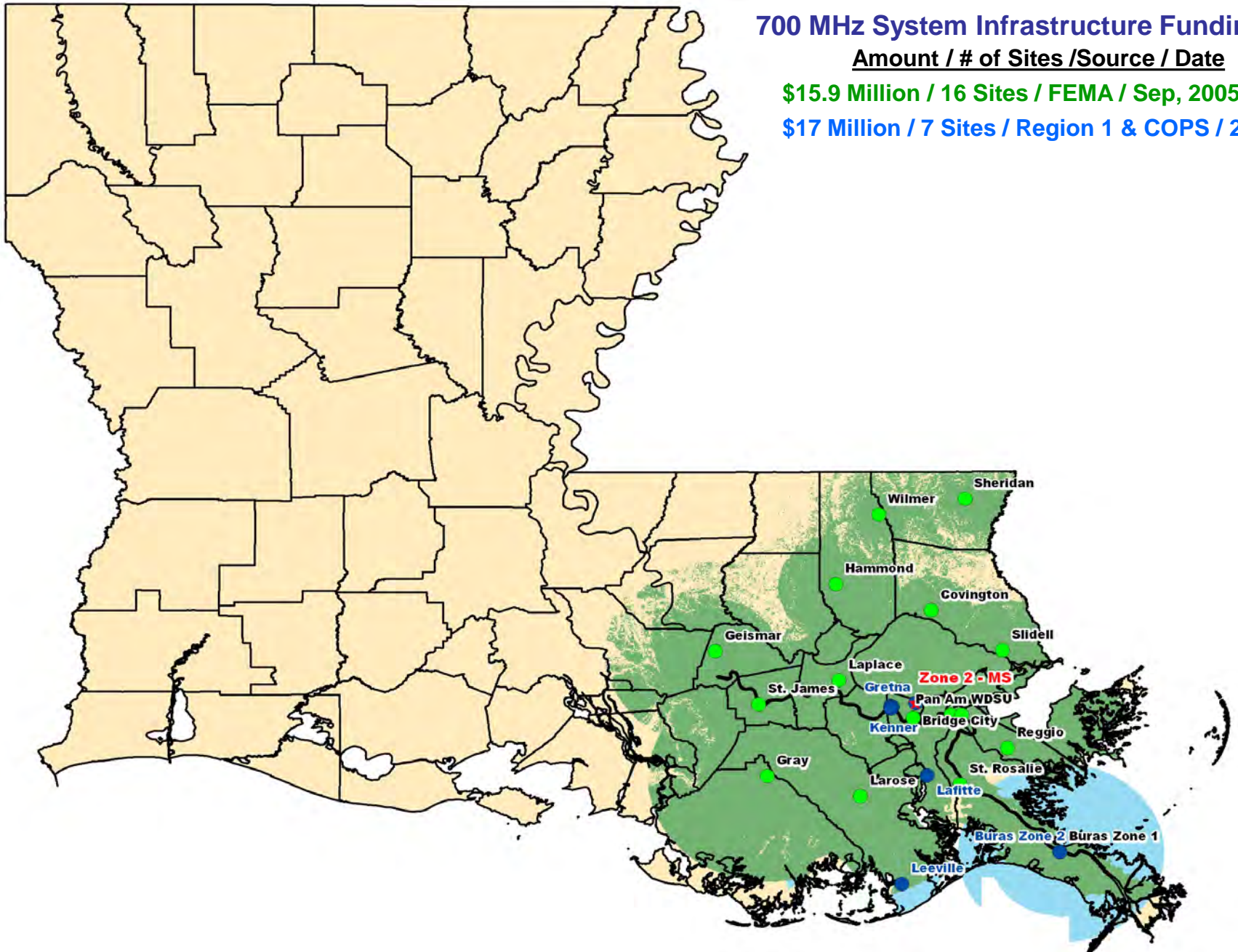


700 MHz System Infrastructure Funding

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\$17 Million / 7 Sites / Region 1 & COPS / 2006



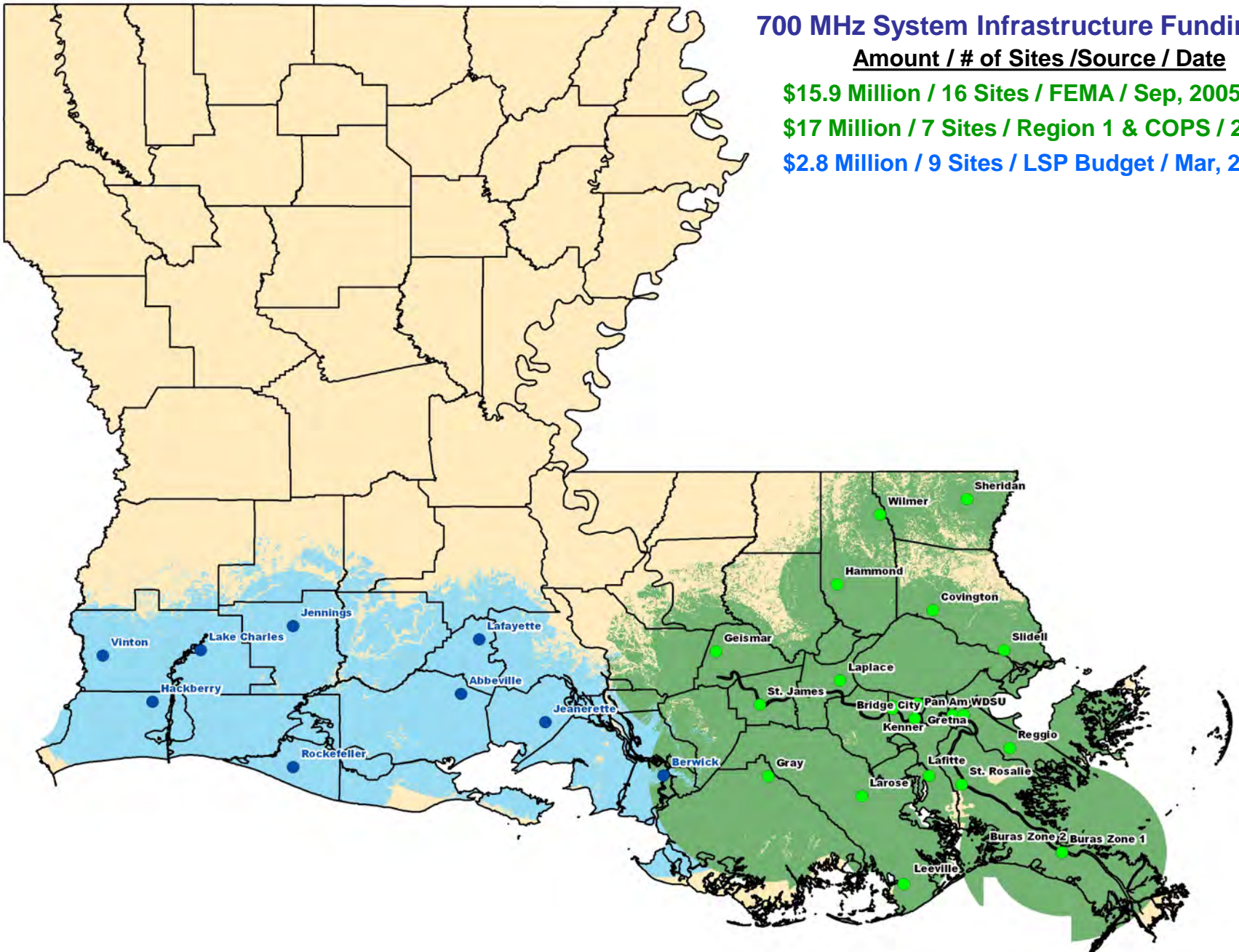
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700 MHz System Infrastructure Funding

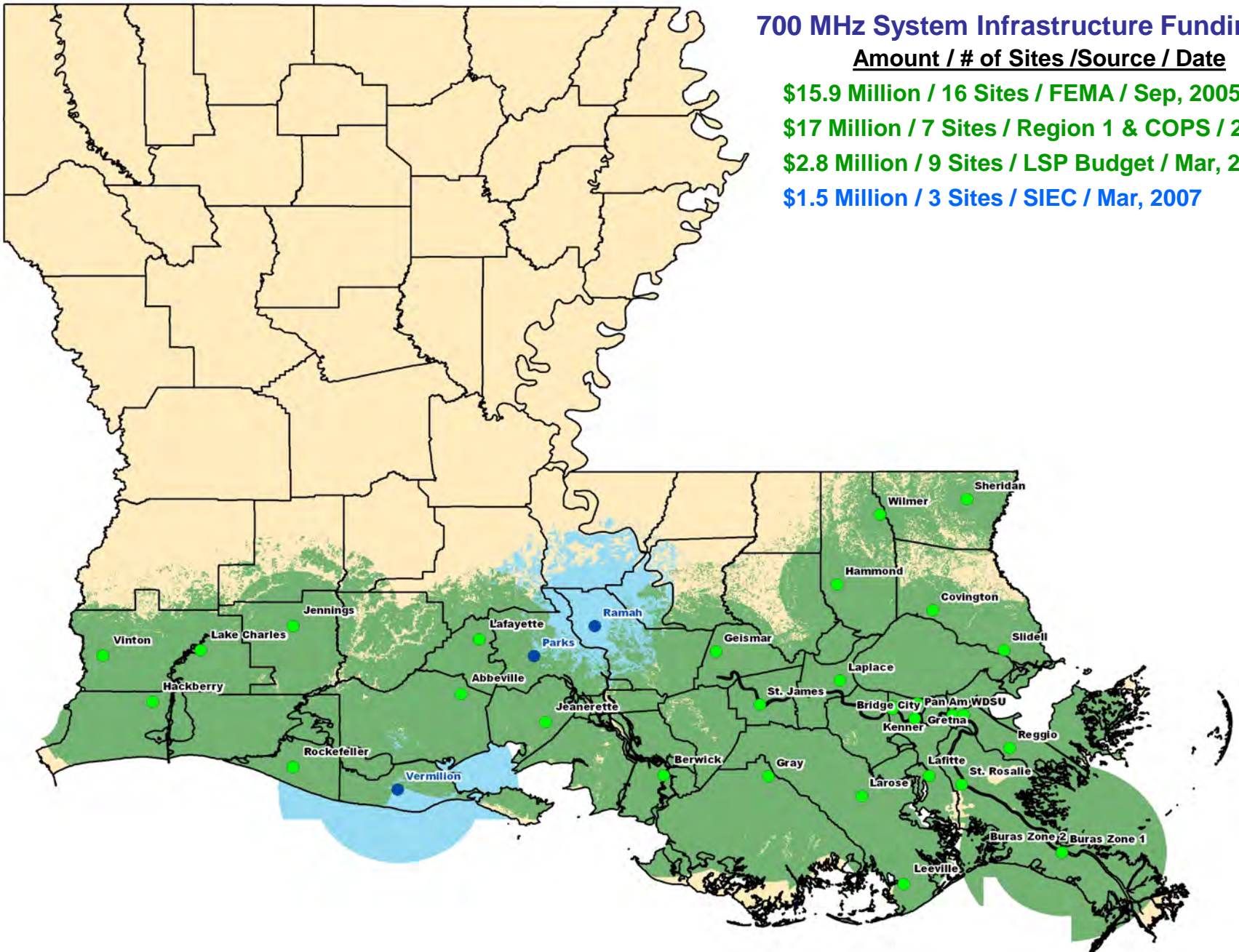
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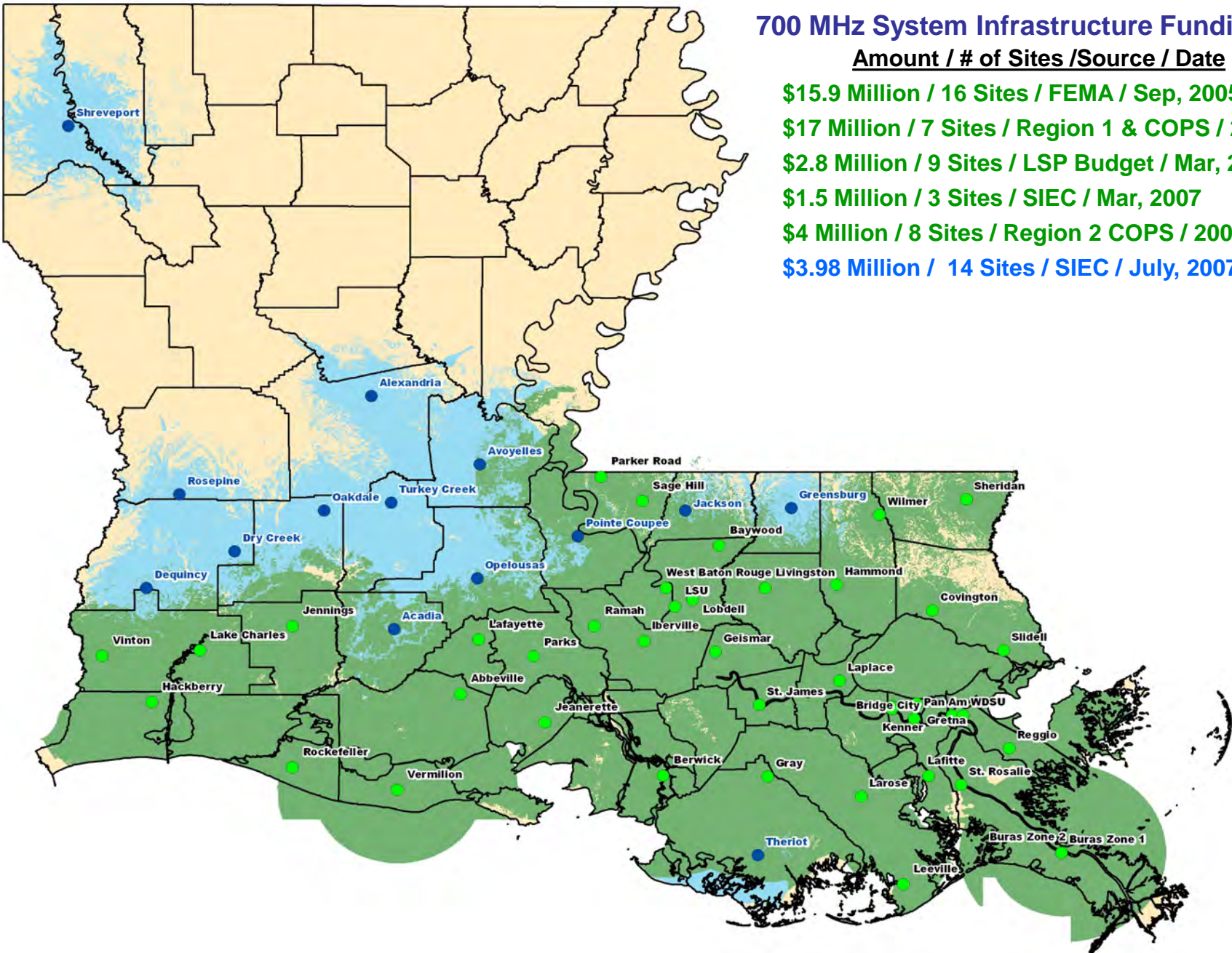
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\$1.5 Million / 3 Sites / SIEC / Mar, 2007

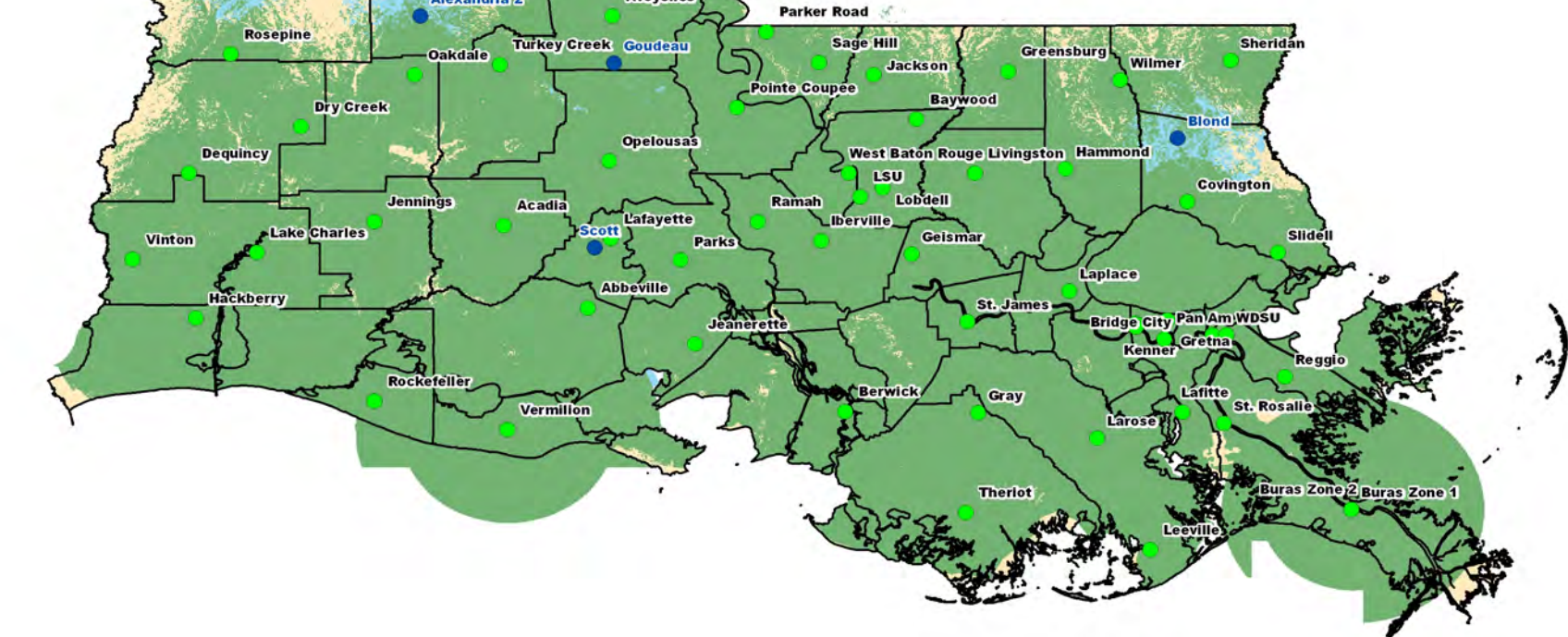
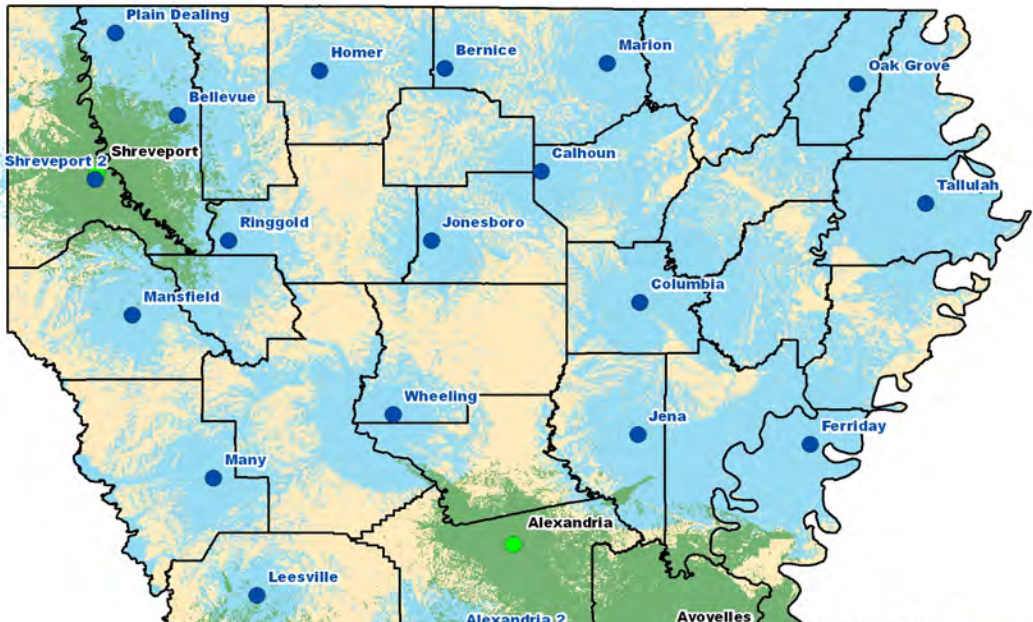
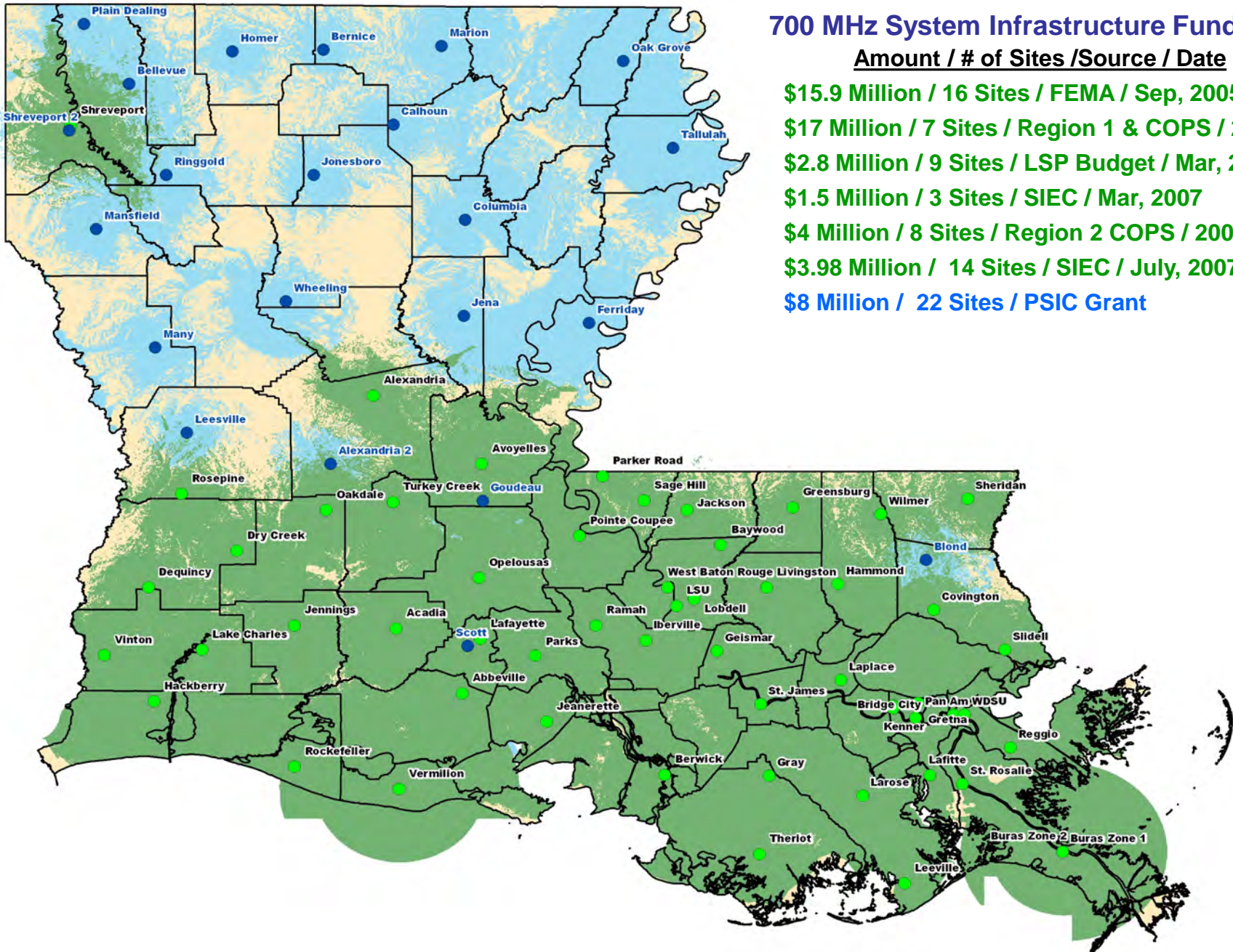




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- \$4 Million / 8 Sites / Region 2 COPS / 2007
- \$3.98 Million / 14 Sites / SIEC / July, 2007



700 MHz System Infrastructure Funding

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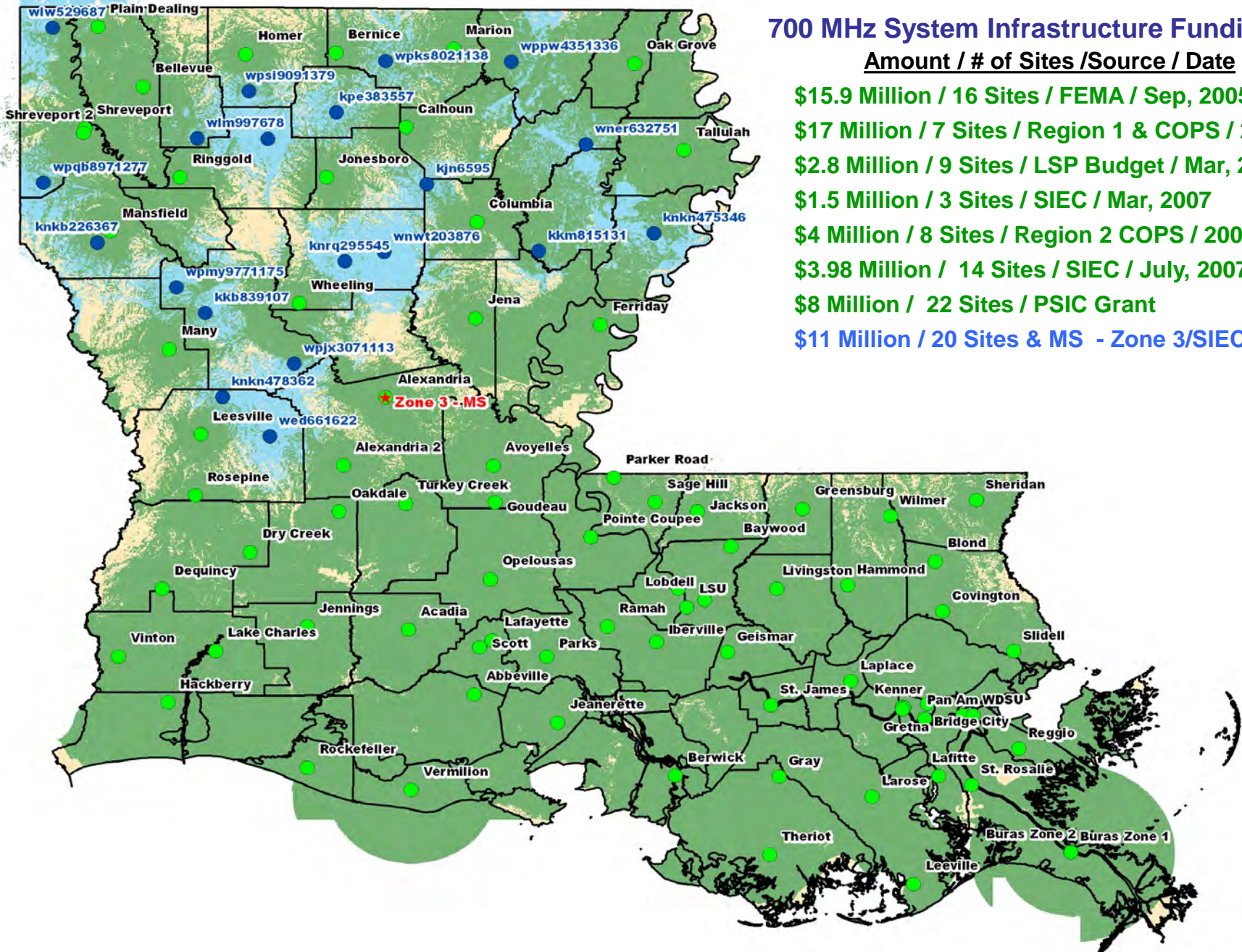
\$1.5 Million / 3 Sites / SIEC / Mar, 2007

\$4 Million / 8 Sites / Region 2 COPS / 2007

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\$8 Million / 22 Sites / PSIC Grant

\$11 Million / 20 Sites & MS - Zone 3/SIEC FY09



700 MHz System Infrastructure Funding

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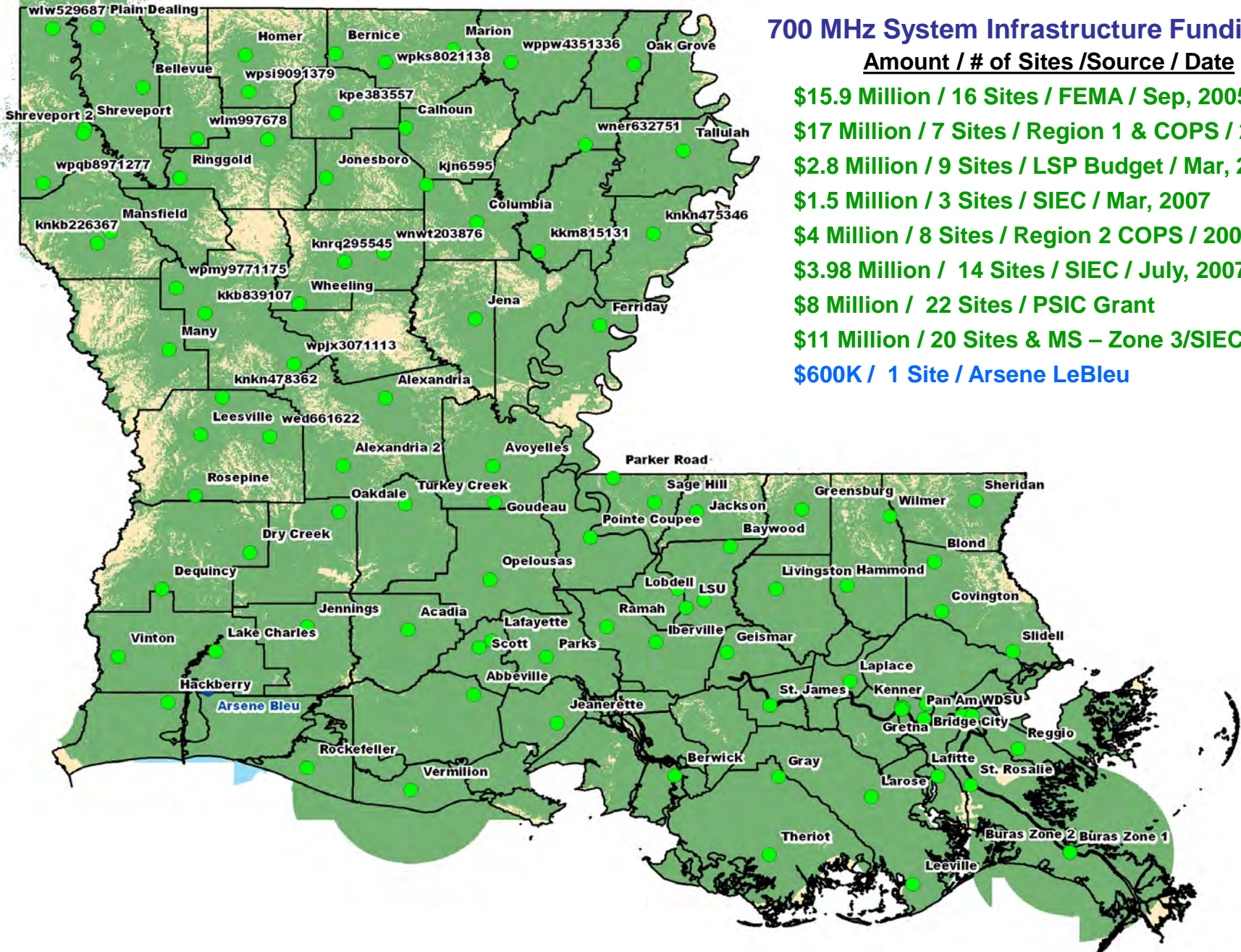
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\$600K / 1 Site / Arsene LeBleu



700 MHz System Infrastructure Funding

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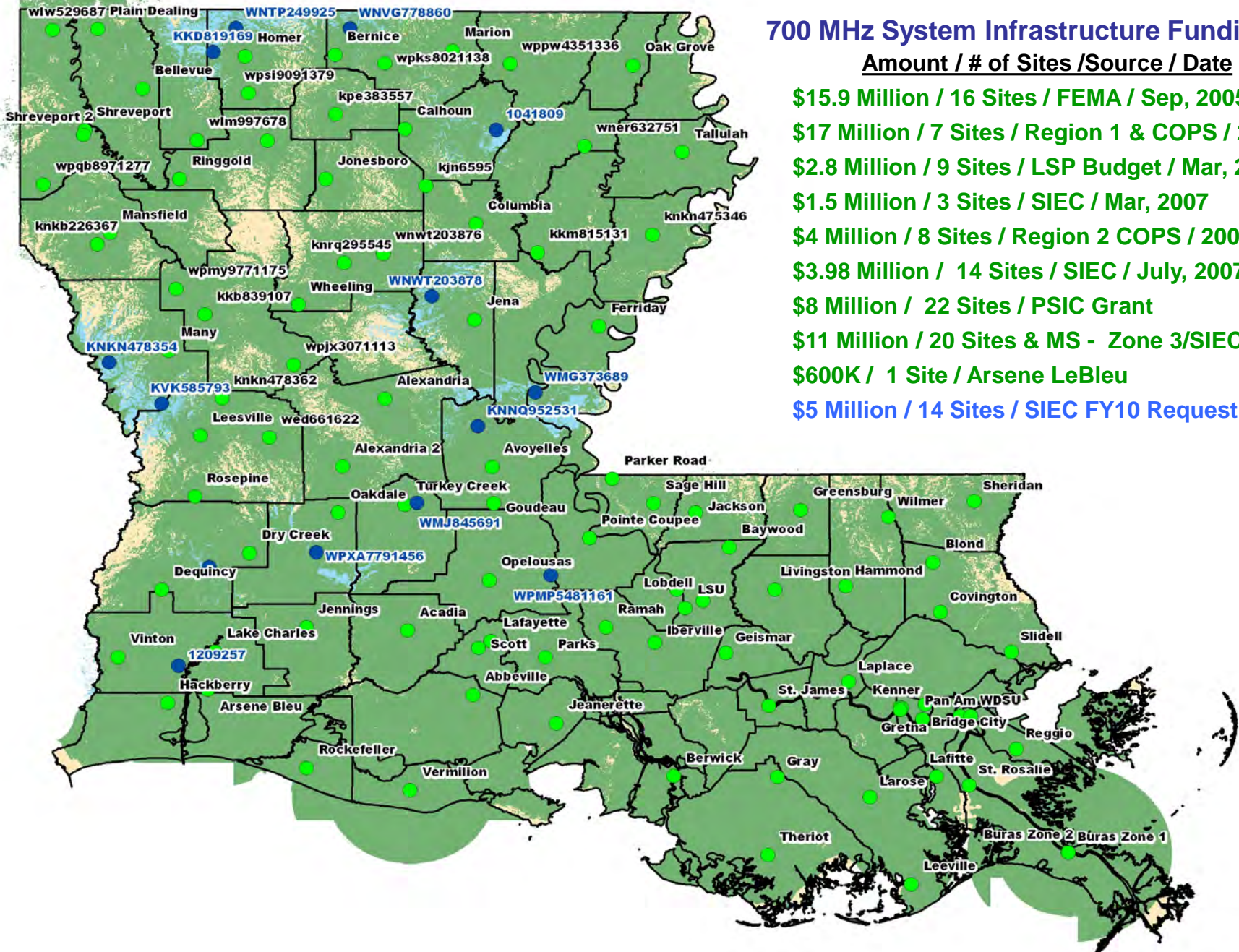
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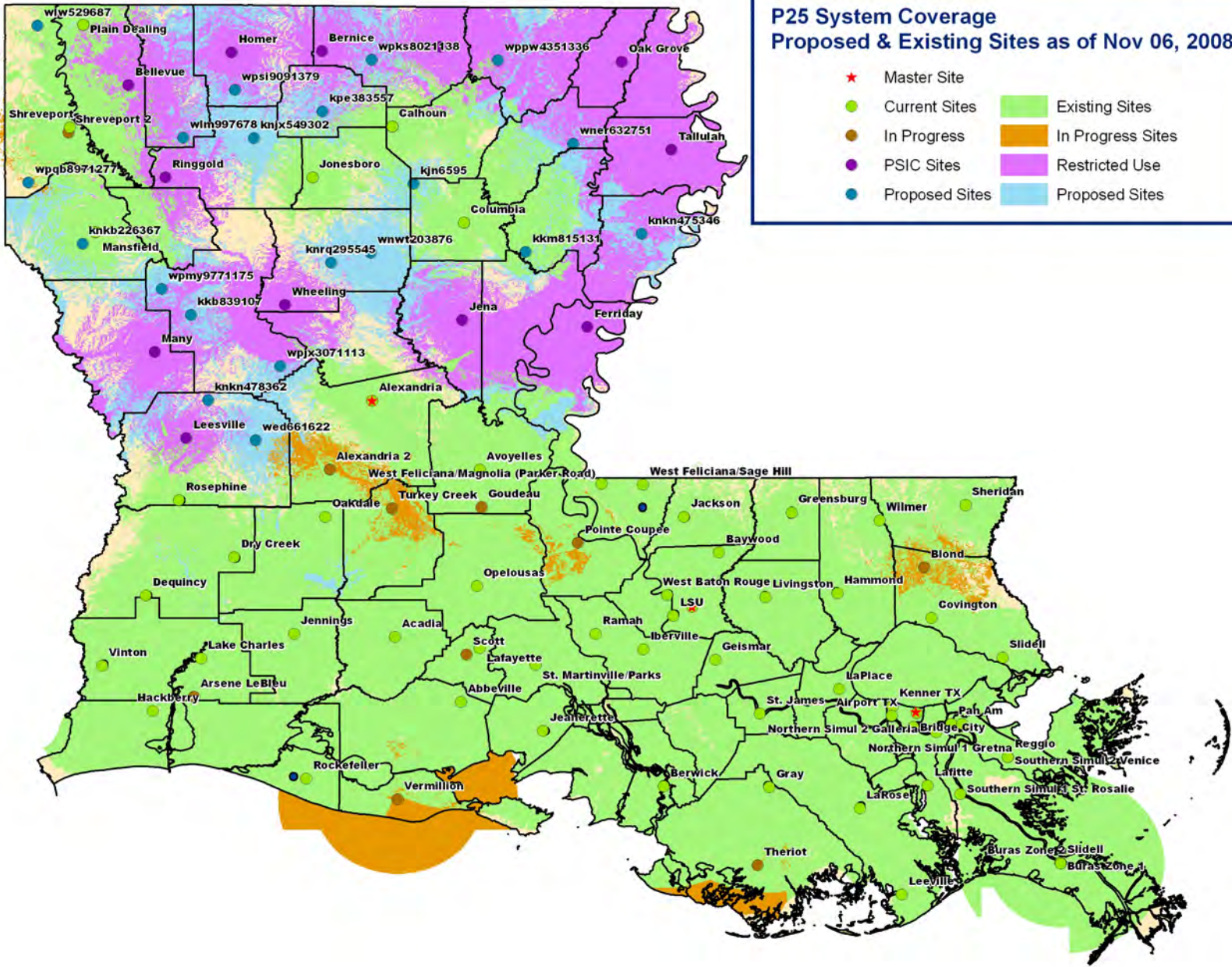
\$600K / 1 Site / Arsene LeBleu

\$5 Million / 14 Sites / SIEC FY10 Request



P25 System Coverage Proposed & Existing Sites as of Nov 06, 2008

- ★ Master Site
- Current Sites
- In Progress
- PSIC Sites
- Proposed Sites
- Existing Sites
- In Progress Sites
- Restricted Use
- Proposed Sites





Tentative Timeline for Additional Infrastructure

- November 7, 2008 – Decide on System Upgrade
- November 24, 2008 – Repeaters begin arriving in Louisiana & Selection of first 4 sites for 20 Site Expansion
- December 9, 2008 – Finalize Master Frequency Plan at SIEC Meeting
- December 31, 2008 – Select remaining 16 sites for 20 Site Expansion
- January 2009 – March 2009 – 3rd Zone and 20 Site Installation
- March 2009 – June 2009 – Upgrade to Version 7.5 and Integration of 19 PSIC Sites and 20 Site Expansion into 3rd Zone
- November 2009 – December 2009 – Upgrade to Version 7.7

Fiscal Year 2009 / 2010 Interoperability Budget Request

GOHSEP Office of Interoperability Executive Staff	FY09/10 Request	FY08/09 Budget	Difference
Salary/Related Benefits (4 TO)	425,984	408,967	17,017
OT, Travel, Training, Supplies, Oper Services, Acquisitions (Non infrastructure related)	113,827	108,187	5,640
SUBTOTAL	539,811	517,154	22,657
FY09/10 Budget Increase/Decrease	4.4%		

GOHSEP Office of Interoperability New Acquisitions	FY09/10 Request	FY08/09 Budget	Difference
Subscriber Units (mobile/portable radios)	4,077,500	4,077,500	0
14-New 700MHz Sites	4,928,212	11,301,215	-6,373,003
20-Repeaters to Expand Capacity at Existing 700MHz Sites	3,600,000	0	3,600,000
Microwave Redundancy 61 hops supporting 57 sites plus 1 master sites	11,668,428	0	11,668,428
SUBTOTAL	24,274,140	15,378,715	8,895,425
FY09/10 Budget Increase/Decrease	57.8%		

GOHSEP Office of Interoperability Federal Grants	FY09/10 Request	FY08/09 Budget	Difference
Interoperable Emergency Communications Grant Program	443,972	0	443,972
Public Safety Interoperable Communications Grant	5,109,191	14,490,809	-9,381,618
CDBG Request: Microwave Redundancy 100 hops supporting 50 sites plus 2 master sites	18,295,080	0	18,295,080
SUBTOTAL	23,848,242	14,490,809	9,357,433
FY09/10 Budget Increase/Decrease	64.6%		

GOHSEP IAT to Dept. of Public Safety	FY09/10 Request	FY08/09 Budget	Difference
Salary/Related Benefits (7 TO)	589,463	543,626	45,837
Salary/Related Benefits (1 New TO)	87,920	0	87,920
OT, Travel, Training, Supplies, Oper Services, Acquisitions, OTM, Prof. Services, etc.	10,245,750	7,824,202	2,421,548
Maintenance Cost for New Infrastructure & Capacity	601,160	0	601,160
SUBTOTAL	11,524,293	8,367,828	3,156,465
FY09/10 Budget Increase/Decrease	37.7%		

Fiscal Year 2009 / 2010 Interoperability Budget Request Summary

	FY09/10 Request	FY08/09 Budget	Difference
GOHSEP TOTAL Budget	60,186,486	38,754,506	21,431,980
FY09/10 Budget Increase/Decrease	35.6%		

	FY09/10 Request	FY08/09 Budget	Difference
GOHSEP Budget without Federal Funding	36,338,244	24,263,697	12,074,547
% Increase/Decrease	49.8%		



Policy 09-002: Statewide System Access

- This policy ***outlines the process for agencies to access to the statewide 700 MHz/800 MHz Project 25 System infrastructure.*** All federal and state first responder agencies, other than agencies utilizing the P25 System as of October 22, 2008, must obtain authorization to access the P25 system from the Statewide Interoperability Executive Committee (SIEC) by submitting a letter of application to the Chairman requesting access.
- The ***SIEC Chairman is required to submit applicable documentation to DPS, Radio Communications*** for agency User Information, Radio IDs and Talkgroup IDs. DPS will then work with the agencies to initiate access to the P25 system. Agencies are required to arrange their own programming of their subscriber units. GOHSEP, DPS, local radio shops and local government agencies are given authorization from DPS to provide programming capabilities

DATE

Brant Mitchell, Chairman
Statewide Interoperability Executive Committee
7667 Independence Blvd.
Baton Rouge, LA 70806

RE: Statewide System Access

Dear Mr. Mitchell:

The REQUESTING AGENCY request access to join the state of Louisiana Project 25 700 MHz and 800 MHz communications system. Our agency will have approximately XXX portable units and XXX mobile units.

For Non First Responder Agencies: Please provide an explanation as to the agency's direct contribution to public safety.

If you have any questions please contact CONTACT NAME at CONTACT PHONE NUMBER or by email at CONTACT EMAIL ADDRESS.

Sincerely,

Signature of Authorized Official

Title of Authorized Official



SUBSCRIBER (RADIO) PROGRAMMING



Programming

- Programming of radios shall be arranged by the user agencies
- All radios shall be programmed with the system-wide common interoperable & coordination talk groups
- Programming Advanced System Keys (ASK) will be purchased by requesting agencies
- Request for another agency's Talkgroups must be accompanied by Letter of Approval from respective agency
- No agency shall assign Talkgroup or Unit IDs
- No agency shall program any Talkgroups assigned to another agency without written consent



DPS Radio Communications will provide fleet mapping

- User Security Group
- User “Talkgroup Prefix”
- Individual Radio IDs
- Individual Talkgroup IDs



Policy 09-003: Interoperable Channels & Talkgroups

- This policy ***establishes procedures for programming of statewide interoperable channels and talkgroups into subscriber units*** and the use of the interoperable channels and talkgroups during day-to-day and emergency use.
- The ***state requires all radios accessing the P25 system be programmed with the interoperability channels and talkgroups***. The policy list the Incident Commander as the person who designates which talkgroup will be used for an incident.
- ***Eavesdropping/Monitoring of Talkgroups is discouraged*** due to the potential to tie up multiple repeaters and add unnecessary congestion on the statewide system, resulting in busy radio signals.

MASTER FLEET MAP

	ZONE ___/800 COORDINATION - 1	ZONE ___/800 COORDINATION - 2	ZONE ___/800 CONVENTIONAL	ZONE ___/800 SPECIAL
LOC	CH. NAME	CH. NAME	CH. NAME	CH. NAME
C1	A-COORDCALL	F-COORDCALL	8CALL90	SPECIAL 6
C2	A-COORDTK-1	F-COORDTK-1	8TAC91	SPECIAL 7
C3	A-COORDTK-2	F-COORDTK-2	8TAC92	SPECIAL 8
C4	B-COORDCALL	G-COORDCALL	8TAC93	SPECIAL-13
C5	B-COORDTK-1	G-COORDTK-1	8TAC94	SPECIAL-14
C6	B-COORDTK-2	G-COORDTK-2	8CALL90D	
C7	C-COORDCALL	I-COORDCALL	8TAC91D	
C8	C-COORDTK-1	I-COORDTK-1	8TAC92D	
C9	C-COORDTK-2	I-COORDTK-2	8TAC93D	
C10	D-COORDCALL	L-COORDCALL	8TAC94D	
C11	D-COORDTK-1	L-COORDTK-1		
C12	D-COORDTK-2	L-COORDTK-2		
C13	E-COORDCALL	STATEWIDE-1		
C14	E-COORDTK-1	STATEWIDE-2		
C15	E-COORDTK-2			
C16				

800 SYSTEM	MUTUAL AID-CONV	SMARTNET
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	ZONE ___/700 *COORDINATION - 1	ZONE ___/700 *COORDINATION - 2	ZONE ___/700 *COORDINATION - 3	ZONE ___/700 *INTEROPERABILITY	ZONE ___/700 *REGION 8 INTEROPS-1	ZONE ___/700 *REGION 8 INTEROPS-2	ZONE ___/700 *REGION 8 INTEROPS-3
LOC	CH. NAME	CH. NAME	CH. NAME	CH. NAME	CH. NAME	CH. NAME	CH. NAME
C1	*R1-COORDCALL	*R4-COORDCALL	*R7-COORDCALL	*STATE-1	*CALDWELL-1	*LINCOLN-1	*RICHLAND-1
C2	*R1-COORDTK-1	*R4-COORDTK-1	*R7-COORDTK-1	*STATE-2	*CALDWELL-2	*LINCOLN-2	*RICHLAND-2
C3	*R1-COORDTK-2	*R4-COORDTK-2	*R7-COORDTK-2	*STATE-3	*CALDWELL-3	*LINCOLN-3	*RICHLAND-3
C4	*R1-BOLO	*R4-BOLO	*R7-BOLO	*STATE-4	*CALDWELL-4	*LINCOLN-4	*RICHLAND-4
C5	*R1-TACTICAL	*R4-TACTICAL	*R7-TACTICAL	*INTEROP-1	*E CARROLL-1	*MADISON-1	*TENSAS-1
C6	*R2-COORDCALL	*R5-COORDCALL	*R8-COORDCALL	*INTEROP-2	*E CARROLL-2	*MADISON-2	*TENSAS-2
C7	*R2-COORDTK-1	*R5-COORDTK-1	*R8-COORDTK-1	*INTEROP-3	*E CARROLL-3	*MADISON-3	*TENSAS-3
C8	*R2-COORDTK-2	*R5-COORDTK-2	*R8-COORDTK-2	*INTEROP-4	*E CARROLL-4	*MADISON-4	*TENSAS-4
C9	*R2-BOLO	*R5-BOLO	*R8-BOLO	*INTEROP-5	*FRANKLIN-1	*MOREHOUSE-1	*UNION-1
C10	*R2-TACTICAL	*R5-TACTICAL	*R8-TACTICAL	*INTEROP-6	*FRANKLIN-2	*MOREHOUSE-2	*UNION-2
C11	*R3-COORDCALL	*R6-COORDCALL	*R9-COORDCALL	*INTEROP-7	*FRANKLIN-3	*MOREHOUSE-3	*UNION-3
C12	*R3-COORDTK-1	*R6-COORDTK-1	*R9-COORDTK-1	*INTEROP-8	*FRANKLIN-4	*MOREHOUSE-4	*UNION-4
C13	*R3-COORDTK-2	*R6-COORDTK-2	*R9-COORDTK-2	*INTEROP-9	*JACKSON-1	*OUACHITA-1	*W CARROLL-1
C14	*R3-BOLO	*R6-BOLO	*R9-BOLO	*INTEROP-10	*JACKSON-2	*OUACHITA-2	*W CARROLL-2
C15	*R3-TACTICAL	*R6-TACTICAL	*R9-TACTICAL		*JACKSON-3	*OUACHITA-3	*W CARROLL-3
C16					*JACKSON-4	*OUACHITA-4	*W CARROLL-4

REGIONAL INTEROP	LAW ENFORCEMENT ONLY INTEROP	STATEWIDE INTEROP	LOCAL INTEROP
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September Totals

- Total Voice Calls: 3,766,045
 - YTD Average: 3,181,458
 - 30% increase
- Total Emergency Calls: 1,592
 - YTD Average: 1112



Subscriber Statistics

- Security Groups:
 - 133
- Talkgroups:
 - 3775
- Radios:
 - 34,816



Dispatch Users / Sites

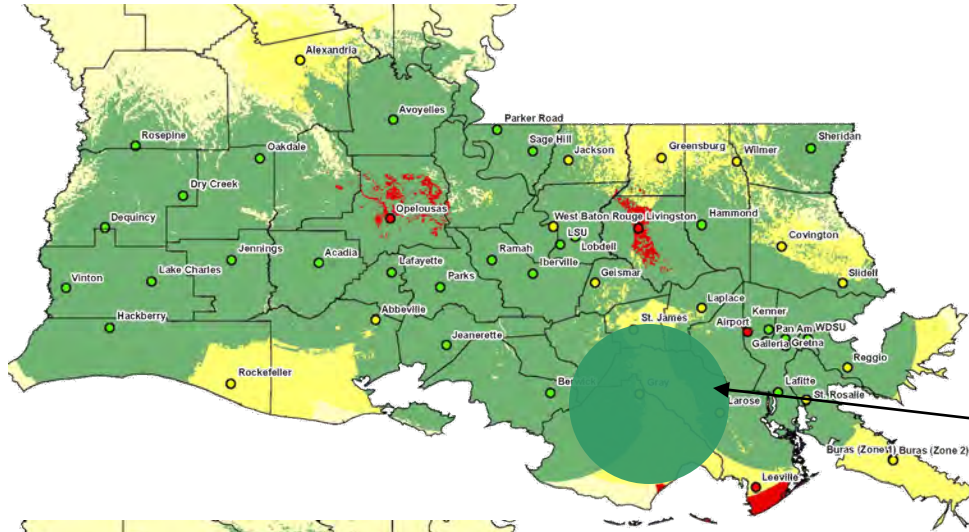
- Consoles
 - 104
- Console Sites
 - 27
- MCC 7500 (IP) Consoles
 - 96
- Gold Elite Consoles
 - 8



System Performance “Hurricane Gustav”



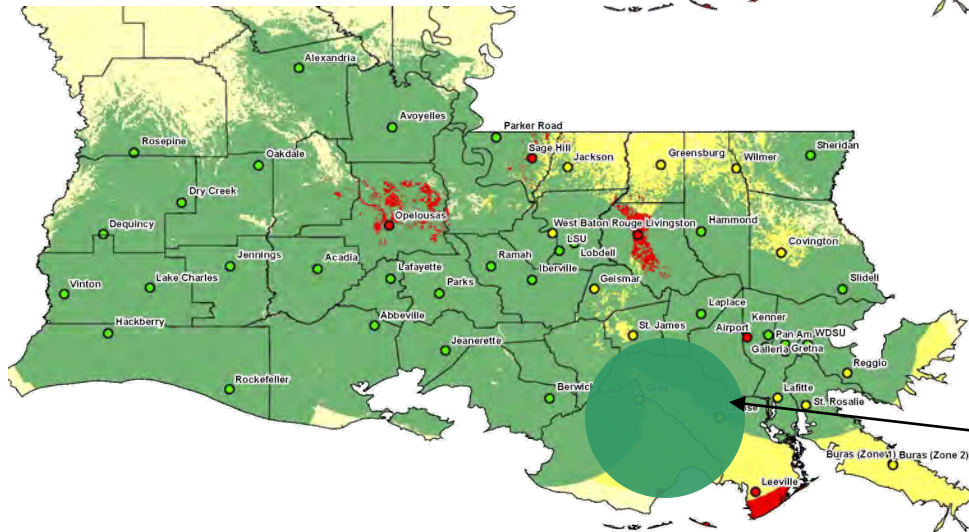
Day 2 – AM/PM (Sept. 2nd)



- Wide Area (Full Operation)
- Site Trunking (Impaired Operation)
- Site Down (Impaired Operation)

* Impaired sites are covered by overlapping coverage from sites in Full Operation

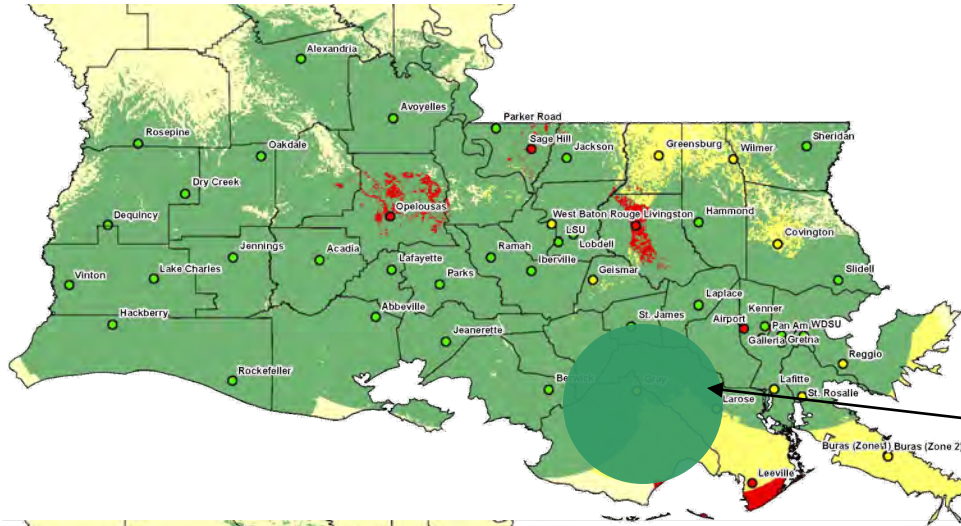
Satellite used to regain Full Operation in Gray



Satellite used to regain Full Operation in Gray



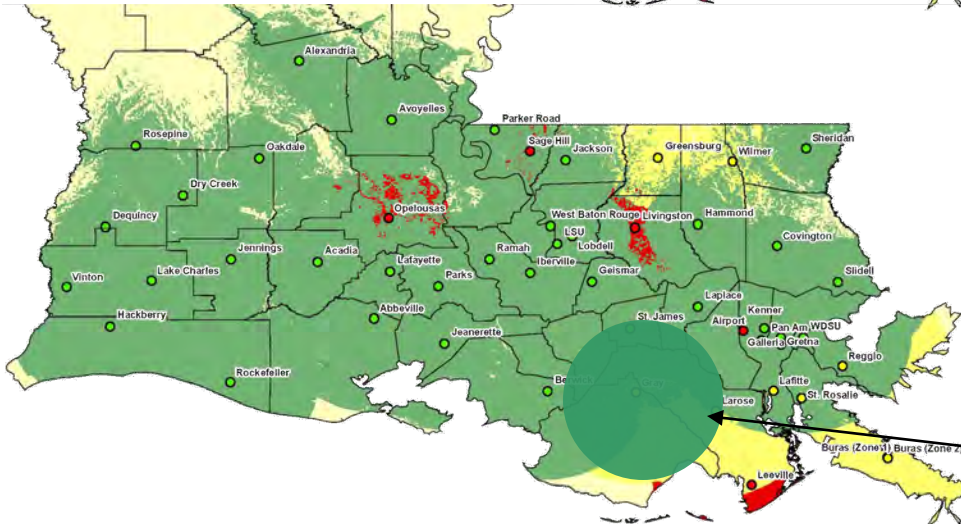
Day 3 – AM/PM (Sept. 3rd)



- Wide Area (Full Operation)
- Site Trunking (Impaired Operation)
- Site Down (Impaired Operation)

* Impaired sites are covered by overlapping coverage from sites in Full Operation

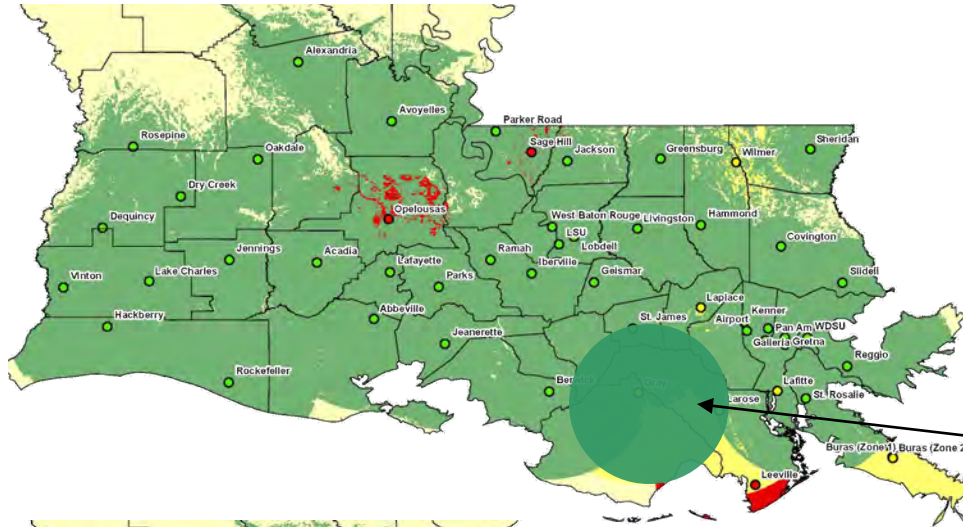
Satellite used to regain Full Operation in Gray



Satellite used to regain Full Operation in Gray



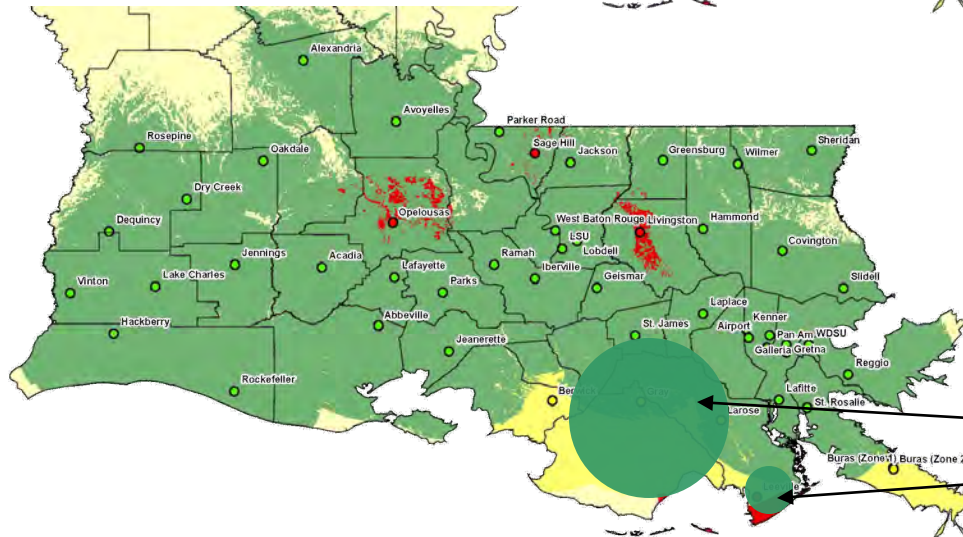
Day 4 – AM/PM (Sept. 4th)



- Wide Area (Full Operation)
- Site Trunking (Impaired Operation)
- Site Down (Impaired Operation)

* Impaired sites are covered by overlapping coverage from sites in Full Operation

Satellite used to regain Full Operation in Gray

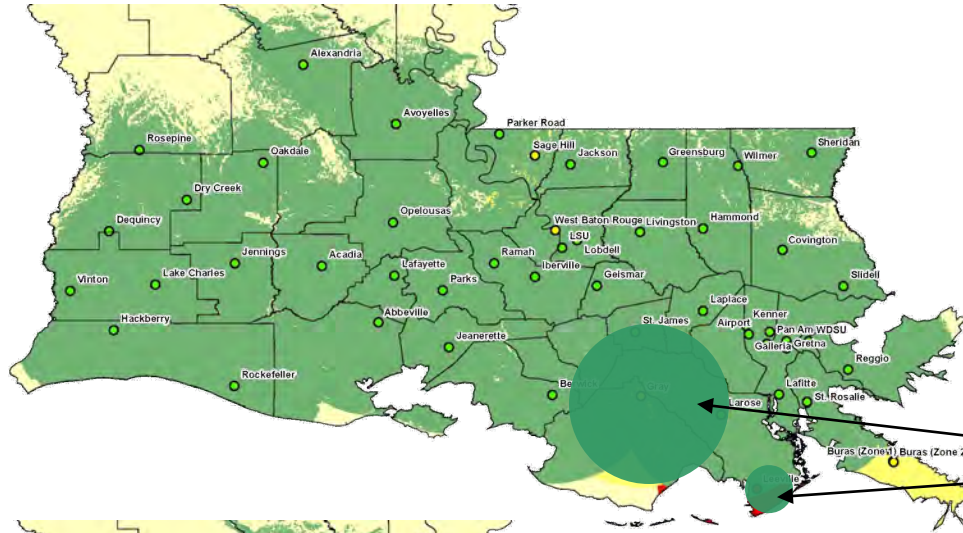


Satellite used to regain Full Operation in Gray

Satellite Trailer used to regain Full Operation in Leeville



Day 5 – AM/PM (Sept. 5th)

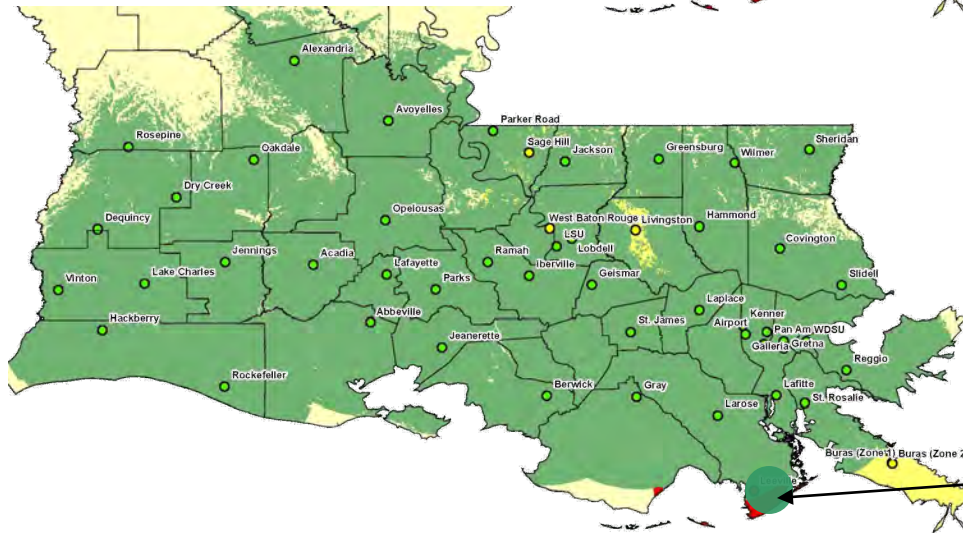


- Wide Area (Full Operation)
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- Site Down (Impaired Operation)

* Impaired sites are covered by overlapping coverage from sites in Full Operation

Satellite used to regain Full Operation in Gray

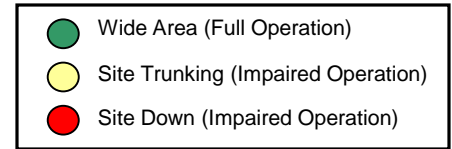
Satellite Trailer used to regain Full Operation in Leeville



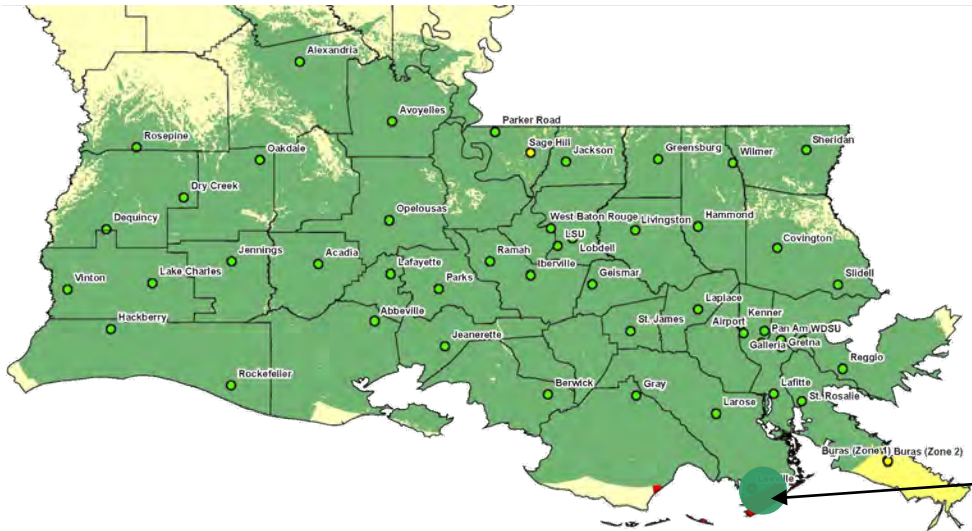
Satellite Trailer used to regain Full Operation in Leeville



Day 6 – AM (Sept. 6th)



* Impaired sites are covered by overlapping coverage from sites in Full Operation



Satellite Trailer used to regain Full Operation in Leeville

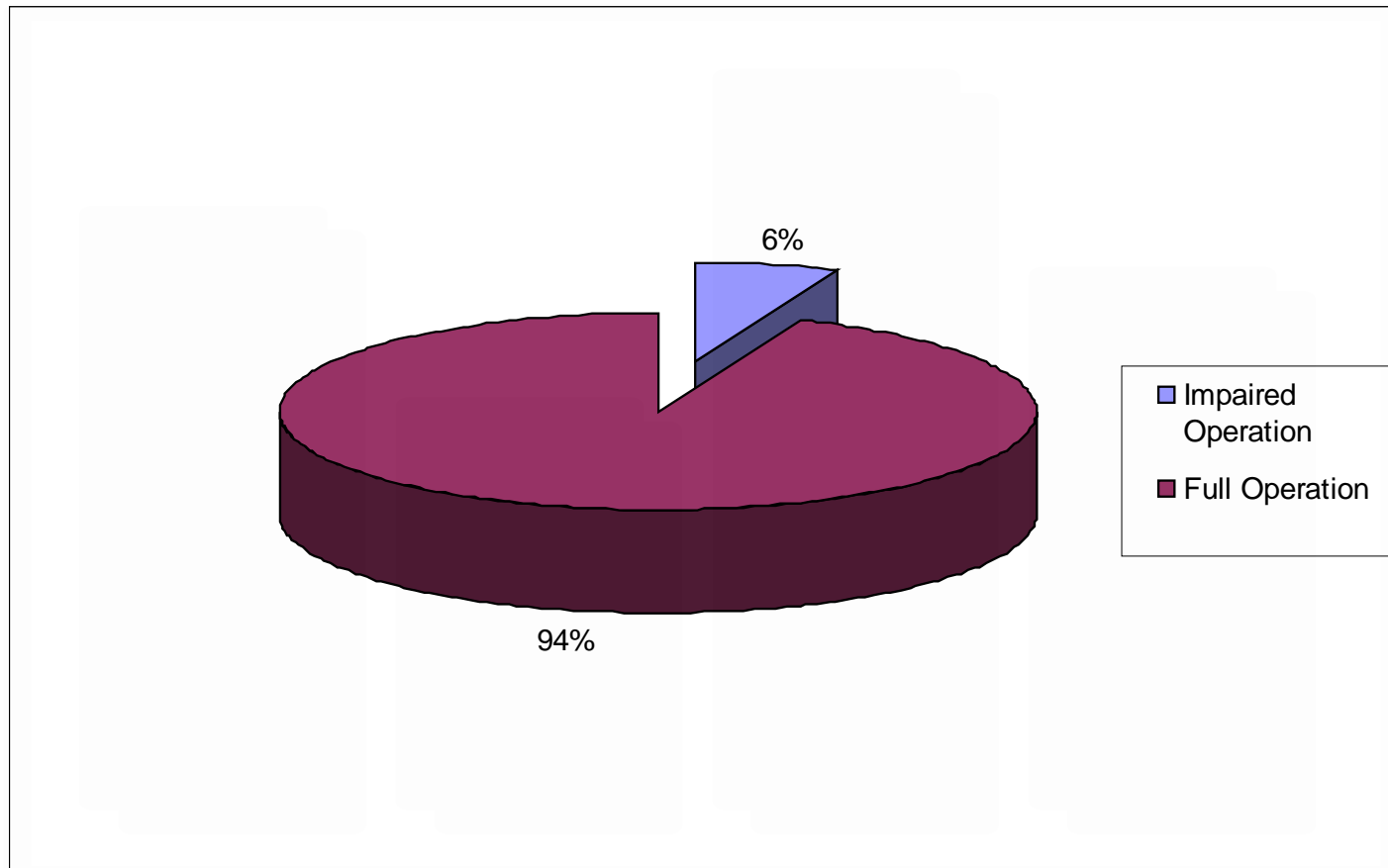


What issues did we face?

- **Key factors causing Impaired System Operation**
 - **Total no. of Sites in Site Trunking: 31 Sites at different times**
 - Total of 28 T1 Failure at different times (mainly power issues)
 - 2 Combination Failure (T1 + Utility / Generator)
 - 1 Combination Failure (T1 + Storm Damaged Hardware)
 - **Total no. of Sites NON Operable: 5 Sites**
 - 5 Combination Failure (Utility / Generator)
 - **Total no. of Sites experiencing Significant Busies: 16 Sites**
 - Metropolitan areas experienced most busies



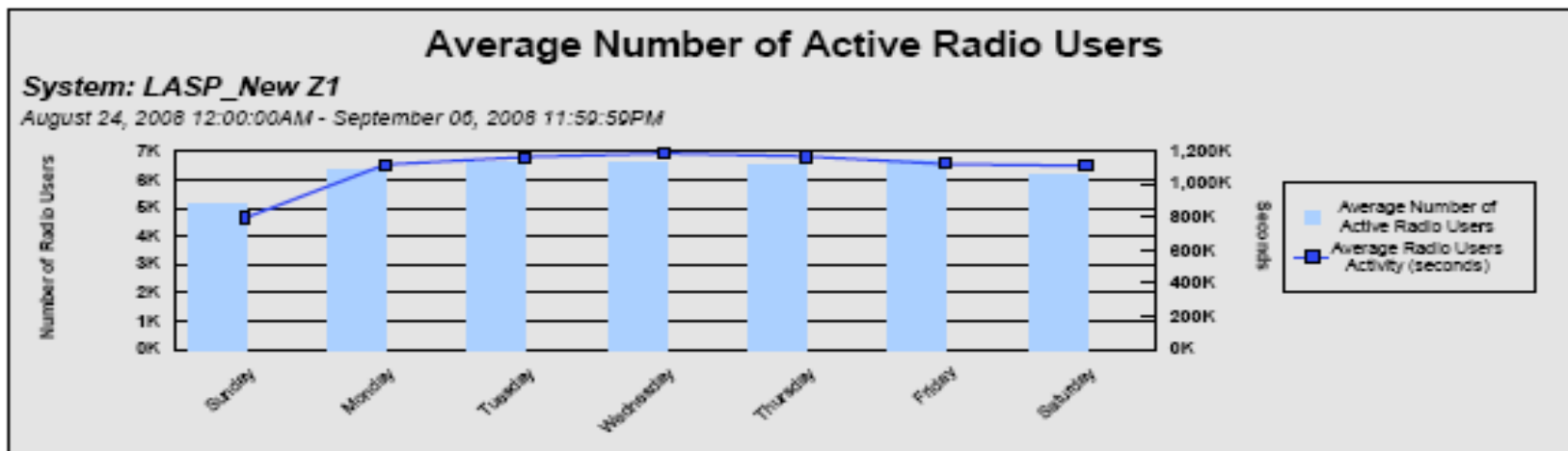
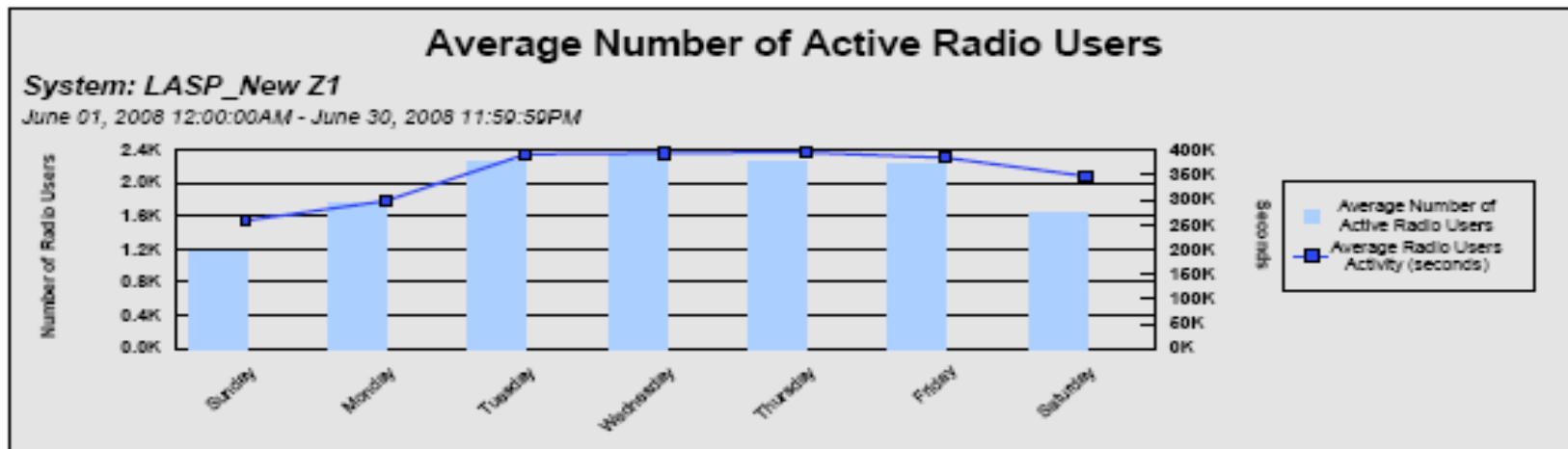
Overall System Performance



A Time Comparison of when the sites were in Full Operation as opposed to Impaired Operation.



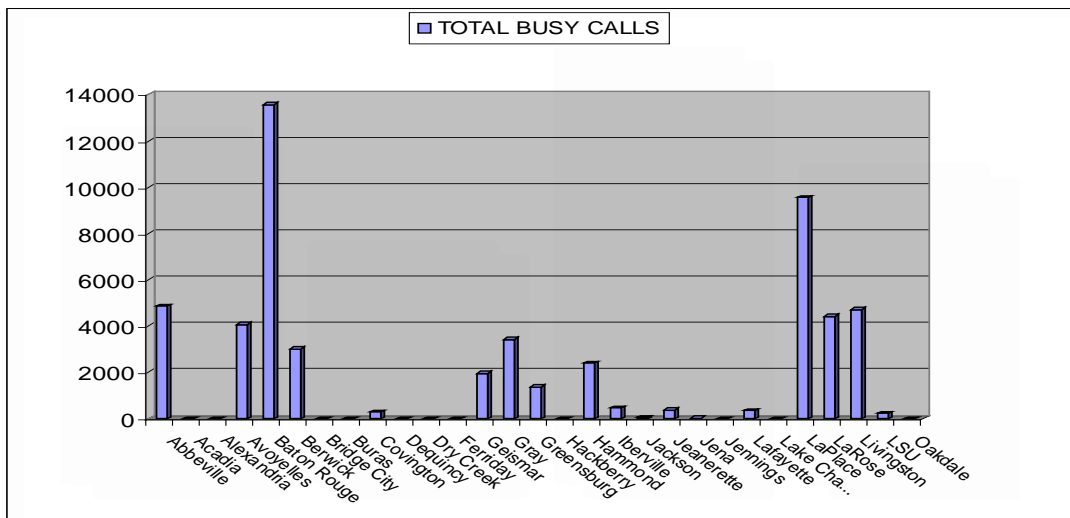
Number of Active Users



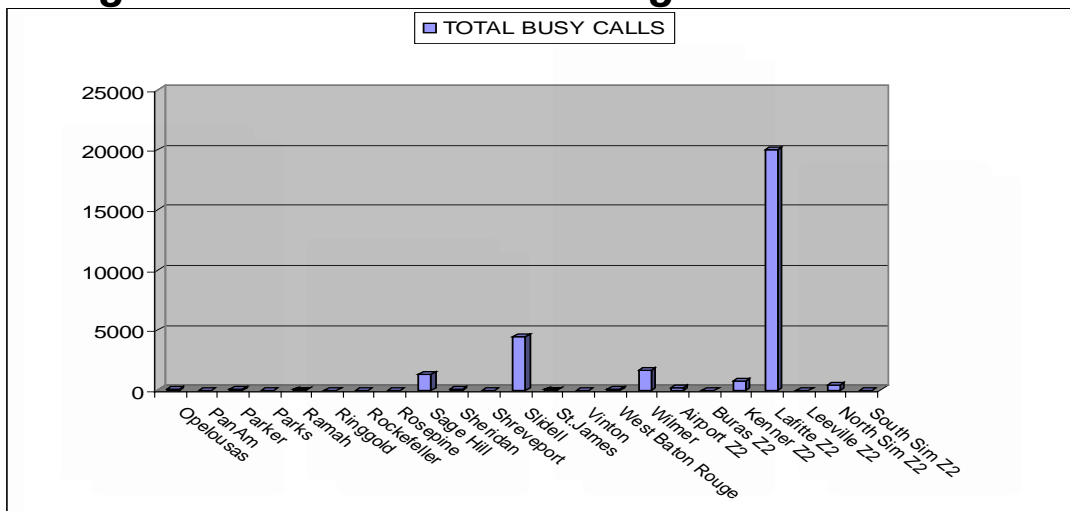
** The number of Active Users for Hurricane Gustav relief nearly tripled!*



Site Activity – Total Busy Calls



*** Average duration of busies during Gustav was 2 seconds.**

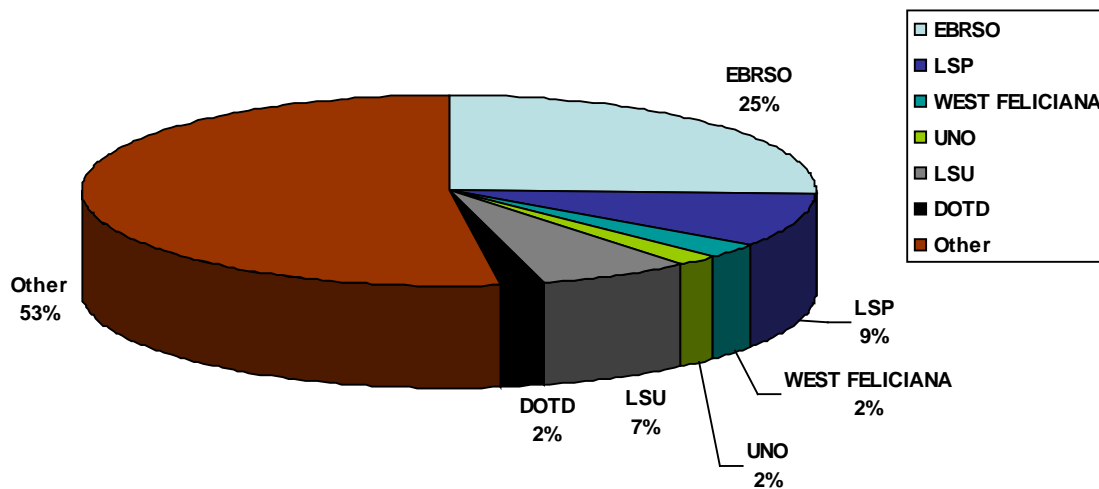




Why the Number of Busies?

Baton Rouge

Talkgroup Usage at Baton Rouge Site



Twelve (12) of the Twenty (20) channels are active due to lack of frequencies.

Having all different agencies consolidated in a central location.



What did we do well?

- System performed as designed!
- New Orleans area retained communications
 - *Together Pan Am and Northern Simulcast had over 1.2 millions calls with only 500 busies*
- Successfully deployed satellite assets
- Partnered with Motorola & AT&T to quickly restore sites
- Achieved Interoperability with multi-jurisdictions and disciplines (Fire, EMS, Police) on a common system



System Performance “Hurricane Ike”

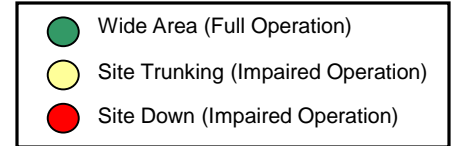
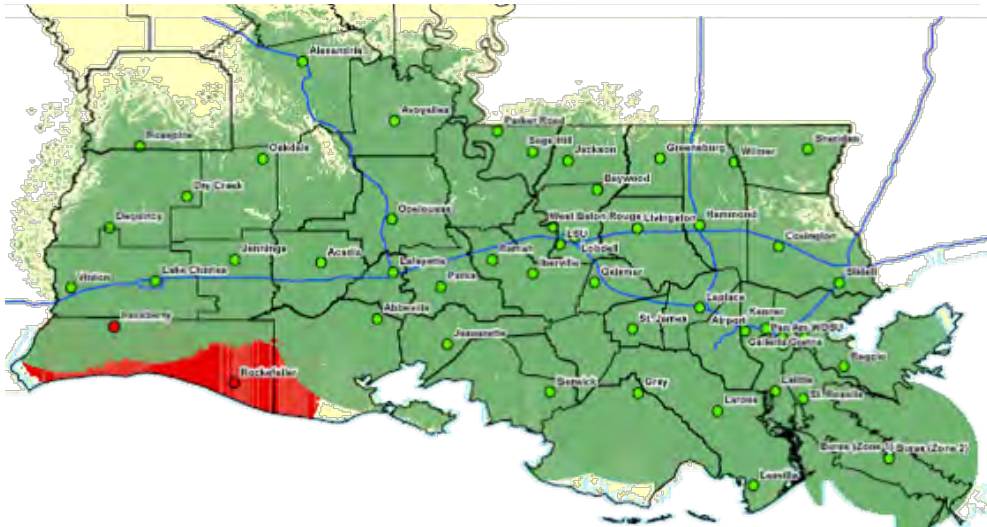


Sites Affected

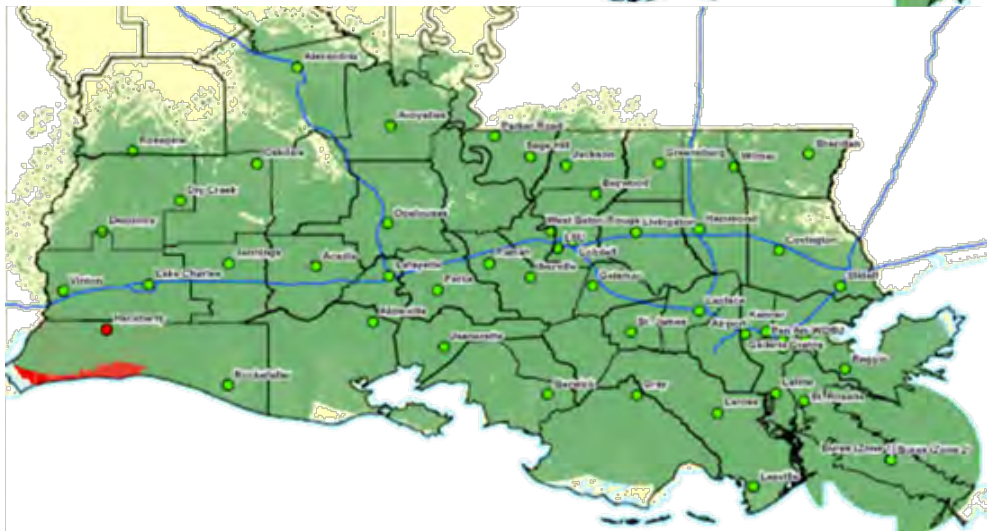
- Hackberry Flooded
- Rockefeller Power loss/T-1 Loss
- Lake Charles T-1 Loss
- Jennings T-1 Loss
- Vinton Power Loss
- Opelousas Power Loss
- Leesville Power Loss/Flooded



Day 1 – AM/PM (Sept. 13nd)



* Impaired sites are covered by overlapping coverage from sites in Full Operation





Day 4 – AM/PM (Sept. 16th)



Satellite Trailer used to provide coverage in Johnsons Bayou

Satellite used to regain Full Operation in Hackberry

- Wide Area (Full Operation)
- Site Trunking (Impaired Operation)
- Site Down (Impaired Operation)

* Impaired sites are covered by overlapping coverage from sites in Full Operation



What could we have done differently?

- Planned for greater capacity
- Greater number of backup satellite assets
- Greater number of backup microwave assets
- Identified backup power
 - Generation & distribution



DPS Recommendations

- Enhance channel capacity especially in the coastal areas
- Order Microwave Backup equipment
 - Minimum 5 Sets
- Identify T1 backhaul Improvements
 - Fiber & Redundant Paths
- Order additional Satellite Backhaul
 - Additional 3-5 Sets
- Power Generators
 - 4 to 5 on trailer with fuel capacity for 5 days
- Additional subscribers for incoming personnel at federal, state and local levels



Strategic Technology Reserve

A variety of communication resources are available for immediate deployment in an emergency or major incident. These assets are available upon request by local and state agencies through Emergency Support Function (ESF) 2

- Radio Caches

Several caches of extra radios are maintained by DPSS to deploy in connection with a specific public safety response.

- GOHSEP (200) EFJ Portable Radios, Located in Baton Rouge at GOHSEP
- GOHSEP (185) Motorola Portable Radios, Located in Baton Rouge at GOHSEP
- LSP (144) EFJ Portable Radios, (15) per Troop Headquarters and the remaining at DPS Radio Communications

- Mobile Command Posts

ESF 2 has three Mobile Command Posts. Though not all inclusive, these command posts are equipped with 700/800 MHz, VHF, UHF, aviation and HF radio communications systems, IP gateway devices, satellite communications, video teleconferencing, telephone and computer systems.

- LSP (2), Located in Baton Rouge due to ongoing maintenance and system checks
- GOHSEP (1), Located in Baton Rouge due to ongoing maintenance and system checks

- Mobile Communications Equipment Trailers

There are three state owned mobile command trailers in the ESF 2 inventory. These trailers are equipped with 700/800 MHz P25 trunked site, 800 MHz mutual aid repeaters, VHF/UHF mutual aid base stations, interoperability gateway and internet and Voice-Over IP access.

- GOHSEP (2), 1-Located in Greater New Orleans Area and 1-Ouachita Parish
- LSP (1), Located in Baton Rouge
- LSP (1), Located in Baton Rouge without portable tower



Strategic Technology Reserve

- Rapid Restoration of Communications (RapidCom)

This mobile trailer provides immediate on-site communications enhancement or supplementation to local governments when deployed from GOHSEP headquarters. There are *three* units available, each having the following capabilities: radio communications, satellite connectivity, voice over IP telephony, and wireless network and internet connectivity.

 - GOHSEP (3), Located in Baton Rouge
- Satellite Trailer
 - LSP (1), Located in Baton Rouge
- Mobile Data Center Trailer

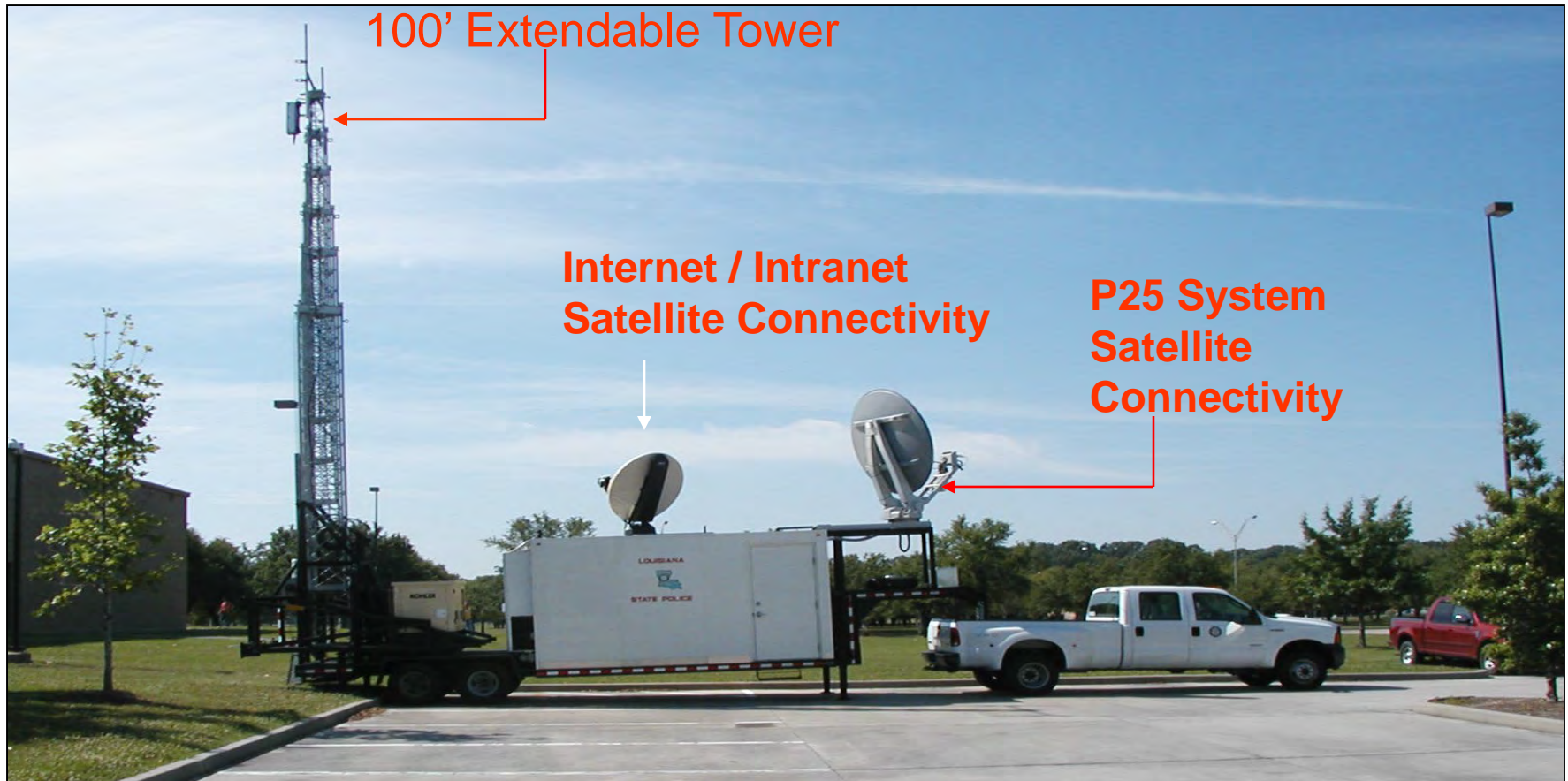
The data trailer contains servers to support phone & data stations at a location that has lost assets. 70-VOIP telephones and 70 laptops.

 - GOHSEP (1), Located in Baton Rouge
- Smartnet Trailer
 - LSP (1), Located in Baton Rouge
- Bridging Devices
 - Located statewide to connect non state systems to the statewide system for emergency events

Louisiana Interoperability



GOHSEP & LSP Mobile Communications Equipment Trailer (3 with portable towers & 1 without)



100' Extendable Tower

Internet / Intranet
Satellite Connectivity

P25 System
Satellite
Connectivity

- 700 / 800 MHz P25 TRUNKED SITE
- 800 MHz MUTUAL AID REPEATERS
- VHF / UHF MUTUAL AID BASE STATIONS

- INTEROPERABILITY GATEWAY
- INTERNET & VOIP ACCESS



Satellite Trailers

Satellites were deployed to Gray, Leeville, Montegut and Hackberry and provided communications for over 100,000 calls



PSIC / State Funding / IECGP

REGION 8

Parish	PSIC	State Funding	IECGP	Total
Caldwell	35,157.57	25,104.18	5,311.73	65,573.48
East Carroll	33,419.92	24,231.01	5,311.73	62,962.66
Franklin	44,597.77	29,847.88	5,311.73	79,757,.38
Jackson	39,554.08	27,313.43	5,665.84	72,533.35
Lincoln	65,491.79	40,347.13	10,623.46	116,462.38
Madison	36,978.87	26,019.38	3,895.27	66,893.52
Morehouse	53,837.95	34,491.07	7,082.31	95,411.33
Ouachita	167,547.30	91,630.02	18,413.99	277,591.31
Richland	44,738.16	29,918.43	4,957.61	79,614.20
Tensas	30,889.91	22,959.68	5,311.73	59,161.32
Union	47,022.00	31,066.06	6,374.07	84,462.13
West Carroll	36,352.86	25,704.81	4,603.50	66,661.17



Interoperable Emergency Communications Grant Program

Priority Group One	Priority Group Two
<p data-bbox="160 565 919 668">Gaps in Governance and Common Operational Planning and Protocols</p> <ol data-bbox="160 733 919 976" style="list-style-type: none"><li data-bbox="160 733 919 876">1) Establishment of formal interoperable emergency communications governance structures<li data-bbox="160 876 919 976">2) Establishment of common planning and operational protocols	<p data-bbox="1039 565 1754 668">Emergency Responder Skills and Capabilities</p> <ol data-bbox="1010 733 1808 876" style="list-style-type: none"><li data-bbox="1010 733 1808 876">3) Enhancement of emergency responder skills and capabilities through training and exercises

NO EQUIPMENT IS AUTHORIZED WITH IECGP FUNDING

Allowable Costs:

- Planning Related Expenditures
- Backfill, Overtime, Travel, etc. related to Training and Exercise Events
- Radio Programming Costs
- 3% Towards Management and Administration Expenditures

Louisiana SIEC



Location	Monday	Tuesday	Wednesday	Thursday	Friday
Classroom 1	Gateway Device Training			Stage Equipment (0800 – 1200)	Regional Communications Exercise (0800 – 1200)
Classroom 2	Console Training / Infrastructure	Programming Class (Vendor Specific)			
Classroom 3		Programming Class (Vendor Specific)			
Classroom 4 (2 Classes Daily)	Radio Class / Vendor Specific	Radio Class / Vendor Specific	Radio Class / Vendor Specific		
Classroom 5 (2 Classes Daily)	Radio Class / Vendor Specific	Radio Class / Vendor Specific	Radio Class / Vendor Specific	Outreach / Media Event (1300 – 1600)	Lunch & Hotwash (1230 – 1330)
Classroom 6	Communications Unit Leader Class (COML)				
Classroom 7	APCO Dispatcher Training			Exercise Participation Orientation	Recovery and Return to Home Station
Classroom 8	Policies and Procedures	Policies and Procedures	Policies and Procedures		
Classroom 9	Radio Programming by GOHSEP, DPS, and Vendors				



Exercise Goals

- Deployment of a GOHSEP RapidCOM to provide emergency restoration of voice and data to a designated Parish EOC.
- Deployment of a GOHSEP RapidCOM to a designated Parish to provide voice capability and integration of multiple VHF/UHF/700MHz radio systems utilizing an ACU-1000.
- Deployment of the GOHSEP and LSP Mobile Command Posts equipped with a WiMax Capability to a designated city to provide a wireless footprint utilizing the 4.9 GHz Spectrum.
- Deployment of LANG Air National Guard ASOS teams to provide satellite communications to a Parish EOC.
- Deployment of LANG ICE-S system.
- Deployment of the State's P25 Subscriber Unit Cache.
- Deployment of one of the State's Portable Radio Tower to provide restoration of a tower that is off-line.



Exercise Goals

- Deployment of one of the State's Portable Radio Towers to provide additional coverage.
- Deployment of one of the State's Portable Radio Towers to provide increased capacity at a designated site.
- Utilize HAM Radio Operators to provide voice communications to Regional EOCs and State EOC.
- Utilize Virtual Louisiana to provide a common operating picture of all deployed assets and events taking place during the event.
- Deployment and integration of the GOHSEP Mobile Data Center to a designated EOC.
- Integration of Civil Air Patrol to provide real time imagery of a site being utilized during the Exercise.
- Deployment and integration of dedicated Regional I/C Assets
- Test effectiveness of newly adopted policies and procedures



Tentative Time Line for Regional Interoperable Communications Training and Exercise Event			
Jan – Mar 2009	Apr – Jun 2009	Jul – Sep 2009	Oct – Dec 2009
Conduct Planning Conferences	Regions 6, 7 and 8	Regions 2, 4 and 5	Regions 1, 3 and 9



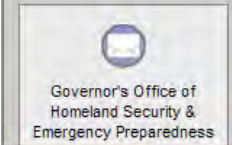
Interoperability Website

<http://www.ohsep.louisiana.gov/interop.htm>



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Louisiana Wireless Intergrated Network (LWIN)

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Overview

Communications interoperability refers to the ability of emergency service agencies to communicate across disciplines and jurisdictions via wireless networks to exchange real time voice, data and imagery information. At the most basic level, interoperability allows two or more parties to exchange information directly.

Initial widespread attention was given to communications interoperability after the terrorist attacks in 2001. However, the importance of interoperable communications was reinforced during disaster mitigation efforts following Hurricanes Katrina and Rita. The devastation caused by Hurricane Katrina severely hampered the ability of emergency responders operating on the statewide 800 MHz analog system to communicate with other emergency service personnel. In addition, communications systems maintained by local governments suffered severe and debilitating damage which further restricted communications between emergency responders. Louisiana's analog statewide and local communications systems are highly disparate. These systems range from recently deployed systems to aged and even out-dated systems including incompatible and aging communications equipment and infrastructure.

The State of Louisiana Statewide Communications Interoperability Plan envisions infrastructure, governance, standard operating procedures, technology, training and exercises to support a statewide system accessible to all state and local first responders, with capacity and capability to transmit emergency communications across the spectrum from daily usage to a surge during an unknown catastrophic event.

Next SIEC Meeting:
 Tuesday, December 9, 2008
 1:30 pm - 3:00 pm
 Law Enforcement Training Facility
 Camp Villarie
 60095 Camp Villere Rd
 Slidell, LA 70460


Statewide Interoperability Executive Committee

The SIEC membership is composed of all appropriate first responder and support organizations. Operationally, the Subcommittee has full authority to design, construct, administer and maintain a statewide interoperable communications system with capacity to transport voice, data, and imagery in support of full response to any emergency event.

Whats New

2008 Tech Summit Participant Flyer

- Cyber Security
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 7667 Independence Blvd.
 Baton Rouge, LA 70806
 (225) 925-7500

Statewide Interoperability Executive Committee Meeting Schedules



Next SIEC Meeting: Tuesday, December 9, 2008 1:30 pm - 3:00 pm Law Enforcement Training Facility Camp Villarie 60095 Camp Villarie Rd Slidell, LA 70460	Policy and Planning Sub-Committee Friday, November 7, 2008 9:30 am - 10:30 am GOHSEP Overwatch Technical Sub-Committee Friday, November 7, 2008 10:30 am - 11:30 am GOHSEP Overwatch
--	---

Previous SIEC Meetings:

October 22, 2008, 1:30 PM - 3:00 PM


Louisiana State Police HQs
 7919 Independence Blvd. Baton Rouge, LA
 70806

Related Meeting Documentation:

- [SIEC Agenda](#)
- [State Agency Assessment Summary](#)
- [SIEC Meeting Minutes Draft - August 27 08](#)
- [System Access - Draft](#)
- [2010 Budget Prep - Interoperability](#)
- [System Requirements - Draft](#)
- [FY 08-09 State Funding Local Allocation Formula - Final](#)
- [Interoperable Channels and Talkgroups DRAFT](#)
- [SIEC OEC 10-22-08](#)
- [SIEC GOHSEP 10-22-08](#)
- [SIEC System Performance and Maintenance 10-22-08](#)

August 24, 2008, 1:30 PM - 3:00 PM


Louisiana State Police HQs
 Conference Rooms C & D
 7919 Independence Blvd. Baton Rouge, LA
 70806

 [Click here to access Meeting Minutes](#)

Related Meeting Documentation:

- [SIEC Agenda](#)
- [System Access Draft - August 25 08](#)

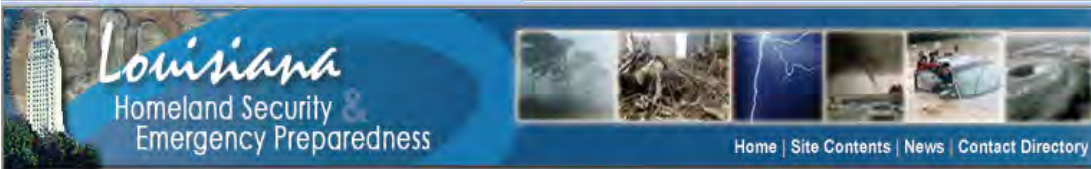
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Representing Organization	Member <i>(Appointee and/or Designee)</i>
Assistant Deputy Director of Interoperability, or designee	Brant Mitchell
Commissioner of the Division of Administration, or designee	Ed Driesse
Adjutant General of the Louisiana National Guard, or designee	Colonel Jacques Thibodeaux
President of the Louisiana Sheriffs Association, or designee	Sheriff Ricky Edwards
President of the Louisiana Association of Chiefs of Police, or designee	Chief Freddie Drennan
President of the Louisiana Fire Chiefs Association, or designee	Chief Lloyd Miller
Chair of the Regional Parish Homeland Security and Emergency Preparedness Directors Committee, or designee	Dick Gremillion
Deputy Secretary of the Department of Public Safety and corrections, Public Safety Services, or designee	Colonel Mike Edmonson
Executive Director of the Governor's Office of Indian Affairs, or designee	Mark Ford
Association of Public Safety Communications Officials, or designee	Bill Vincent
Louisiana Ambulance Alliance, or designee	Donna Newchurch
Region 1	Major Curtis Bowers
Region 2	Captain Bob Hale
Region 3	Chief David Cook



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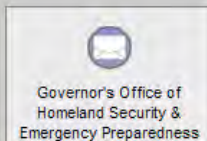
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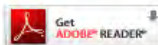
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Policy & Plans



Policies

- 09-001 System Requirements 10-22-08
- 09-002 System Access 10-22-08
- 09-003 Interoperable Channels and Talkgroups 10-22-08
- By Laws (Final) - 10-08-08

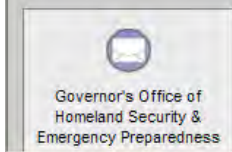
Plans

- Region 18 700 MHz Plan - 8/21/2008 version
- Final Louisiana Statewide Communications Interoperability Plan (SCIP) - Dec 3, 2007



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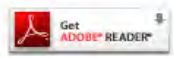
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Library

Policy & Plans



General Documentation

- 2008 Tech Summit Participant Flyer
- Emergency Communications Quarterly Summer-Fall 2008
- Act 797 (SB788)
- 2008 SIEC Annual Report
- Act 2 (HB 57)
- 2007 SIEC Annual Report

Meeting Minutes

2008

- August 24, 2008
Louisiana State Police Hqs
Conference Rooms C & D
- July 16, 2008
Louisiana State Police Headquarters
1st Floor, Conference Room B
- May 1, 2008
Louisiana State Police Hqs
1st Floor Conference Room B
- January 23, 2008
Claiborne Bldg. Conference Center - 1-155 North
Dakota Room
- January 9, 2008
Claiborne Bldg. Conference Center -
1-153 Iowa Room

2007

- December 12, 2007
- November 28, 2007

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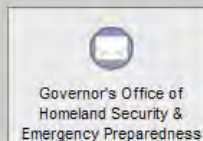
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Related Links

Interoperability Solutions Information

Organizations that provide interoperability solutions support and education:

- [SAFECOM](#) - is a communications program of the Department of Homeland Security providing research, development, testing and evaluation, guidance, tools, and templates on interoperable communications-related issues to local, tribal, state, and Federal emergency response agencies.
- [Interoperable Communications Technical Assistance Program \(ICTAP\)](#) - is a technical assistance program designed to enhance interoperable communications among local, State, and Federal emergency responders and public safety officials, and is associated with G&T's Urban Areas Security Initiative (UASI) grant program.
- [SEARCH \(The National Consortium for Justice Information and Statistics\)](#) - primary objective has been to identify and help solve the information management problems of state and local justice agencies confronted with the need to exchange information with other local agencies, state agencies, agencies in other states, or with the federal government.

Grants Information

- [Federal Grants Opportunities](#) - source to FIND and APPLY for federal government grants.
- [National Institute of Justice](#) - is the research, development, and evaluation agency of the U.S. Department of Justice and is dedicated to researching crime control and justice issues.
- [Office of Grants and Training](#) - The Office of Grants and Training (G&T) is responsible for providing training, funds for the purchase of equipment, support for the planning and execution of exercises, technical assistance and other support to assist states and local jurisdictions to prevent, respond to, and recover from acts of terrorism.
- [Community Oriented Policing Services \(COPS\)](#) - support of law enforcement and communities by providing knowledge resource products, training, and funding for the advancement of community policing.



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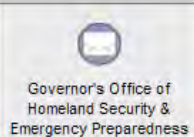
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Questions



Governor's Office