Property Insurance Association of Louisiana

The 2012 Fire Suppression Rating Schedule and the PIAL Questionnaire

What and Why

LA APCO/NENA Symposium, Lake Charles, LA
April 18, 2016

What Are We Talking About?

- Public Protection Classification
  - PIAL's notice to the insurance industry about the level of fire protection in a specified area
  - PPC Classifications range from 1-10 with 1 being the best and 10 representing no fire protection
  - One of several factors considered by the insurance industry to project loss costs and to establish cost per square foot to insure commercial and residential structures

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Why Are We Talking About It?

- The Insurance Services Office (ISO) Fire Suppression Rating Schedule (FSRS) defines criteria for evaluating PPCs
  - Referenced Standards: NFPA 1221, NFPA 1061, APCO Project 33
  - Fire Chiefs can get a free copy of the FSRS…others must purchase it through ISO's website:

    https://www.isomitigation.com/ppc-program/fire-suppression-rating-schedule-overview.html

- LA Addendum to the FSRS: www.pial.org Municipal Division
- The communications assessment represents 10% of the overall credits

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Minimum Criteria

Criteria to get PPC Rating Better Than Class 10:

Communications facilities and arrangements must provide for receipt of alarms and dispatch of firefighters and apparatus with no delay.

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

1980 vs 2012 Credit Correlation Table

Section	1980 FSRS Description	Max Points	2012 FSRS Description	Max Points	Summary of Changes
414	Telephone Service	2	Emergency Reporting	3	Increased Emphasis
422	Operators	3	Telecommunicators	4	Increased Emphasis
432	Dispatch Circuits	5	Dispatch Circuits	3	Decreased Emphasis
440	Communications Total	10	Communications Total	10	No Change

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Emergency Reporting

This area looks at the facilities and features available for receiving and processing alarms.

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - General Information

Communications Questionnaire

NOTE: Information on this questionnaire must be provided by all Public Safety Answering Points (PSAPs) involved in receiving emergency calls from the public and in dispatching emergency fire apparatus within that PSAP's span of control.

1. Place an "X" in the box for the scenario which best applies:

☐ The data below is from the calendar year prior to receipt of this survey.
☐ The data below is from the 12 month period beginning _____ and ending _____

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - General Information

2. ***The following items apply to the initial answering point for fire emergency calls (the "Primary PSAP").***

3. Where is the Primary PSAP located?

Name of Agency:	
Street Address:	
City, State & Zip:	
PSAP Director's Name:	
PSAP Director's Phone:	
Director's Mailing Address: Street:	
Town, state & zip code:	

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - General Information

PRIMARY PSAP EMERGENCY REPORTING

4. Which of the following best describes the method of operations for emergency calls received by the Primary PSAP? ***Choose all that apply*** .

A. ☐ Calls are answered, information taken and fire departments dispatched from the Primary PSAP.

This method of operation applies to the following municipalities and/or fire districts:

B. ☐ Calls are answered and fire calls are 1-button transferred to Secondary PSAP for their action.

This method of operation applies to the following municipalities and/or fire districts:

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - General Information

C. ☐ Calls are answered, information is taken and that information is relayed to another agency that dispatches fire departments. ***This method of operation applies to the following municipalities and/or fire districts:***

D. ☐ Other. Please Explain:

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Emergency Reporting System

			Apply Either A or B Below	Value	Max Value
A.			<u>Emergency Reporting System (ERS_1)</u> Basic 9-1-1 or no 9-1-1 (BSC) Public Safety Answering Point (PSAP) does not have customer-premises equipment (CPE) to enable the receipt of Enhanced 9-1-1 calls. Basic 9-1-1 systems do not have provisions for selective routing and may have automatic number identification (ANI) and/or automatic location identification (ALI).	10	
			ERS_1 = Total, Maximum		10

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Emergency Reporting System

			Apply Either A or B Below	Value	Max Value
B.			Emergency Reporting System (ERS_2)	20	
			Enhanced 9-1-1 (ES) Public Safety Answering Point (PSAP) has customer premises equipment (CPE) to enable the receipt of Enhanced 9-1-1 calls with associated automatic number identification (ANI) and automatic location identification (ALI) from callers in the PSAP's jurisdiction, including selective routing.		20

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - Emergency Reporting System

5. What type of Emergency Reporting System Does This PSAP Have? ***Choose only one.***

☐ Basic or No E9-1-1 Service

(PSAP does not have customer-premises equipment to enable receipt of Enhanced 9-1-1 calls. Basic 9-1-1 systems do not have provisions for selective routing and may have automatic number identification (ANI and/or automatic location identification (ALI).)

☐ Enhanced E9-1-1 Service

(PSAP has customer-premises equipment to enable receipt of Enhanced 9-1-1 calls with associated automatic number identification (ANI) and automatic location identification (ALI) from callers in the PSAP's jurisdiction, including selective routing.)

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - ERS_2 (Enhanced 9-1-1)

B	1.		E9-1-1 Wireless (EW)	Value	Max Value
		a.	**Wireless Phase I using Static ALI Functionality (WP_1)**	**10**	
			The PSAP is Phase I wireless-capable for at least one wireless service provider (WSP) in the jurisdiction or has made a valid formal request for Phase I wireless service with the WSPs doing business in its jurisdiction.		
		b.	**Wireless Phase II using Dynamic ALI Functionality (WSP_2)**	**15**	
			The PSAP is Phase II wireless-capable for at least one WSP in the jurisdiction or has made a valid formal request for Phase 2 wireless service with the WSPs doing business in its jurisdiction.		
					25

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire- ERS$_2$ (Enhanced 9-1-1)

6. If an Enhanced E9-1-1 system is in place, what features are available? ***Choose ALL that apply.***

E9-1-1 Wireless

☐ Wireless Phase I Using Static ALI Functionality

(The PSAP is Phase I Wireless-capable for at least one wireless service provider in the jurisdiction or has made a valid formal request for Phase I wireless service with the WSPs doing business in its jurisdiction.)

☐ Wireless Phase II Using Dynamic ALI Functionality

(The PSAP is Phase II Wireless-capable for at least one wireless service provider in the jurisdiction or has made a valid formal request for Phase II wireless service with the WSPs doing business in its jurisdiction.)

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - ERS$_2$ (Enhanced 9-1-1)

	2.		E9-1-1 Voice over Internet Protocol (EI)	Value	Max Value
		a.	Static Voice over Internet Protocol using Static ALI Functionality (SVoIP)	10	
			The PSAP is capable of receiving and processing static VoIP calls with associated call back number and caller location information.		
		b.	Nomadic Voice Over Internet Protocol using Dynamic ALI Functionality (NVoIP)	15	
			The PSAP is capable of receiving and processing VoIP calls utilizing dynamic ALI updates (callback number and caller location information)		
					25

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - ERS_2 (Enhanced 9-1-1)

6. If an Enhanced E9-1-1 system is in place, what features are available? ***Choose ALL that apply.***

E9-1-1 Voice over Internet Protocol

☐ Static Voice over Internet Protocol using Static ALI Functionality

(The PSAP is capable of receiving and processing static VoIP calls with associated call back number and caller location information.)

☐ Nomadic Voice over Internet Protocol using Dynamic ALI Functionality

(The PSAP is capable of receiving and processing VoIP calls utilizing dynamic ALI updates (callback number and caller location information).)

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - ERS$_2$ (Enhanced 9-1-1)

	3.		Computer-Aided Dispatch (CAD)	Value	Max Value
		a.	Basic CAD	5	
			The PSAP provides its telecommunicators with software to assist in initiating calls for service, dispatching, and maintaining the status of responding resources in the field.		
		b.	CAD with Management Information System (MIS)	5	
			The PSAP has the ability to automatically accept, display, and plot caller location data on an electronic map display (GIS) and access historical incident information.		
		c.	CAD with Interoperability (CAI)	5	
			The PSAP can transmit call information directly to responders, alternate PSAPs, and others. PSAP has the ability to provide data and interoperate electronically with other agencies and communications centers.		
					15

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - ERS$_2$ (Enhanced 9-1-1)

	4.		Graphical Information System (GIS/AVL)	Value	Max Value
			The PSAP uses a fully integrated CAD/GIS management system with automatic vehicle location (AVL) integrated with a CAD system providing dispatch assignments.	15	
					15
			ERS2 – Total, Maximum		**100**

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - ERS$_2$ (Enhanced 9-1-1)

6. If an Enhanced E9-1-1 system is in place, what features are available? ***Choose ALL that apply.***

Computer-Aided Dispatch (CAD)

☐ Basic CAD

(The PSAP provides its telecommunicators with software to assist in initializing calls for service, dispatching, and maintaining the status of responding resources in the field.)

☐ CAD with Management Information System

(The PSAP has the ability to automatically accept, display and plot caller location data on an electronic map display (GIS) and access historical incident information.)

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - ERS$_2$ (Enhanced 9-1-1)

6. If an Enhanced E9-1-1 system is in place, what features are available? ***Choose ALL that apply.***

Computer-Aided Dispatch (CAD)

☐ CAD with Interoperability

(The PSAP can transmit call information directly to responders, alternate PSAPs, and others. PSAP has the ability to provide data and interoperate electronically with other agencies and communications centers.)

This capability applies to the following departments: ☐

☐ Geographical Information System (GIS/AVL)

(The PSAP uses a fully integrated CAD/GIS management system with automatic vehicle location (AVL) integrated with a CAD system providing dispatch assignments.)

This capability applies to the following departments: ☐

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Telecommunicators

This area considers the efficiency with which telecommunicators perform and the PSAP's efforts to ensure their qualifications and refine their skills

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Telecommunicators

- Telecommunicator Performance
  - Alarm Receipt
  - Alarm Processing
- Emergency Dispatch Protocols for Fire Service
- Telecommunicator Training and Certification
- Telecommunicator Continuing Education/Quality Assurance

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS – Telecommunicator Performance - Alarm Receipt

- NFPA 1221, *Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems, 2016 Edition*, paragraph 7.4.1 states:

    1. 95 percent of alarms received on emergency lines shall be answered within 15 seconds

    2. 99 percent of alarms shall be answered within 40 seconds

    3. Paragraph 3.3.1 Defines “Alarm” as: A signal or message from a person or device indicating the existence of an emergency or other situation that requires action by an emergency response agency.

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - Telecommunicator Performance: Alarm Receipt

7. **Primary PSAP Telecommunicators - Alarm Receipt**

How many telecommunicators at the Primary PSAP are dedicated to receiving calls **and** dispatching emergency services:

During the day: ☐ At night: ☐ 24-hour Average: ☐

(Please attach a typical 1-month shift schedule)

Are on-duty telecommunicators at the Primary PSAP allowed to sleep at any time while on duty? ☐ Yes ☐ No

If so, during what hours? ☐

How many valid emergency calls were answered at the Primary PSAP during the graded year? *(A valid emergency call is **any** call requiring dispatch of emergency personnel or equipment)* . ☐ Calls

What % of valid emergency calls are answered within 15 seconds of receipt? *(Provide Call Detail Report if available)* ☐ ☐ Unknown

What % of valid emergency calls are answered within 40 seconds of receipt? *(Provide Call Detail Report if available)* ☐ ☐ Unknown

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS – Telecommunicator Performance - Alarm Processing

- NFPA 1221, *Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems, 2016 Edition*, paragraph 7.4.2 states:
- Alarm Processing time is the time it takes to initiate dispatch of FIRE apparatus and personnel or the time it takes to transfer a FIRE alarm to another PSAP.

    1. With the exception of the call types identified in 7.4.2.2, 90 percent of alarm processing shall be completed within 64 seconds…***FIRE Alarms ONLY!***
    2. 95 percent of alarm processing shall be completed within 106 seconds…***FIRE Alarms ONLY!***

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - Telecommunicator Performance - Alarm Processing

8.

Primary PSAP Telecommunicators - Alarm Processing

{Alarm Processing time includes the time needed for caller interrogation and resource selection [determination of which emergency response unit (ERU) will respond] up to the start of the Emergency Response Facility notification process.}

What - % of FIRE alarms were either dispatched or transferred within **64** seconds of receipt?

(Provide Call Detail Report if available)

Unknown

What - % of FIRE alarms were either dispatched or transferred within 106 seconds of receipt?

(Provide Call Detail Report if available)

Unknown

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Alternative – Telecommunicator Performance - Alarm Receipt and Processing

- A Call Volume Matrix will be used if Call Detail Reports with ring time statistics or call processing times are not available.
  - Find the matrix in the free LA Addendum to the 2012 FSRS

    http://pial.org Municipal Division

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Telecommunicators EDPs For the Fire Service

- Emergency Dispatch Protocols for Fire Service (Structural Fire Alarms Only)
  - Telecommunicators have EDPs containing questions and a decision-support process to facilitate correct call categorization and prioritization.
  - Telecommunicators use these protocols to provide prearrival instructions to emergency responders and callers

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire – Telecommunicators EDPs For the Fire Service

9. **Primary PSAP Telecommunicators - Use of Emergency Dispatch Protocols (EDPs)**

{EDPs are standard sequences of questions used by telecommunicators that provide post-dispatch or pre-arrival instructions to callers.}

Do telecommunicators at the Primary PSAP utilize Emergency Dispatch Protocols for the Fire Service to provide prearrival instructions to emergency responders and callers? ☐ Yes ☐ No

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS – Telecommunicator Training and Certification

- Telecommunicators must meet the qualification requirements referenced in NFPA 1061, *Standard for Professional Qualifications for Public Safety Telecommunicator* and/or the Association of Public-Safety Communications Officials – International (APCO) Project 33.

- Telecommunicators are certified in the knowledge, skills, and abilities corresponding to their job functions.

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire – Telecommunicator Training and Certification

10. **Primary PSAP Telecommunicators - Training and Certification**

Are telecommunicators trained and certified in the knowledge, skills, and abilities corresponding to their job functions in accordance with NFPA 1061 and/or APCO ANSI 301103.1? ☐ Yes ☐ No

Briefly describe the Primary PSAP's telecommunicator training and certification process:

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS – Telecommunicators Continuing Education/Quality Assurance

- Telecommunicators participate in continuing education and/or in-service training and quality assurance programs as appropriate for their positions.

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire – Telecommunicator Continuing Education and Quality Assurance

11. **Primary PSAP Telecommunicators - Continuation Training and Quality Assurance Programs**

Do telecommunicators participate in continuing education and/or in-service training programs as appropriate for their positions? ☐ Yes ☐ No

Briefly describe the Primary PSAP's continuing education program:

Do telecommunicators participate in quality assurance programs as appropriate for their positions? ☐ Yes ☐ No

Briefly describe the Primary PSAP's quality assurance program:

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Dispatch Circuits

				Number of Needed Circuits			
				1	2 (>730 alarms)		Max Value
					Primary	Secondary	
A.			Dispatch Circuit(s) Provided: Apply only one of the following for each needed dispatch circuit. Maximum credit for this subsection is 40 points.				
	1.		Circuit to fire station where personnel are on duty:				
		a.	The circuit consists of voice radio (trunked or non-trunked), microwave carrier channel, polling or self-interrogating digital radio, dedicated telephone circuit, wired circuit (including Internet Protocol (IP) dedicated to public safety or government use.	40	20	20	
		b.	The circuit indicates only the box number or street intersection. With this type of circuit, there must be a telephone circuit or other means of transmitting detailed information to the fire station.	20	10	10	

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Dispatch Circuits

				Number of Needed Circuits			
				1	2 (>730 alarms)		Max Value
					Primary	Secondary	
A.			Dispatch Circuit(s) Provided (continued):				
	2.		Radio Receivers Carried by members:				
		a.	Voice receivers under the direct control of the AHJ.	40	20	20	
		b.	Alphanumeric receivers with or without two-way paging capability under the direct control of the AHJ.	40	20	20	

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Dispatch Circuits

				Number of Needed Circuits			
				1	2 (>730 alarms)		Max Value
					Primary	Secondary	
A.			Dispatch Circuit(s) Provided (continued):				
	3.	a.	Circuit to Outside Coded Sounding Device: The circuit activates a coded siren, air horn, or other outside sounding device that notifies members. With this type of circuit, there must also be a telephone circuit or other means of transmitting detailed information to the fire station.	20	10	10	
	4.	b.	Circuit to Outside Noncoded Sounding Device: The circuit activates a noncoded siren, air horn, or other outside sounding device that notifies members. With this type of circuit, there must also be a telephone circuit or other means of transmitting detailed information to the fire station.	10	5	5	
	5.		No Circuit Provided	0	0	0	
			Maximum Value 431A:				40

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - Dispatch Circuits

12. PRIMARY PSAP DISPATCH CIRCUITS (This area is specific to the department being graded)

What - fire department(s) or district(s) does the following information apply to?

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - Dispatch Circuits

13. What - is the ***primary*** means of notifying this fire department of alarms in their jurisdiction?

☐	High- or Low-Band Radio (radio circuit or voice paging system)
☐	Alphanumeric paging system under direct control of the Authority Having Jurisdiction
☐	Alphanumeric paging system **NOT** under direct control of the Authority Having Jurisdiction
☐	700 MHZ LWIN Radio
☐	Wired circuit such as Fax or Tear & Run System
☐	TCPIP based network under direct control of the Authority Having Jurisdiction
☐	TCPIP based network **NOT** under direct control of the Authority Having Jurisdiction
☐	Auto-ringdown telephone system
☐	Standard commercial telephone system
☐	Outside Coded Sounding Device such as a coded siren, air horn, etc…
☐	Outside Non-Coded Sounding Device such as a siren, air horn, etc…
☐	Cell Phone voice or text dispatch system
☐	Other…Specify:

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Dispatch Circuits

				Number of Needed Circuits			
				1	2 (>730 alarms)		Max Value
					Primary	Secondary	
B.			Monitoring for Integrity of Circuit:	30	30		
			Maximum Value 431B:				30

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - Dispatch Circuits

14. Are all critical components associated with the primary dispatch circuit (including all wired circuits, radios and commercial power status at the PSAP and applicable repeater sites) monitored for integrity? (See NFPA 1221) ☐ Yes ☐ No

If yes, how are dispatchers made aware of circuit failure?

Audible Alarm ☐ Yes ☐ No
Visual Alarm ☐ Yes ☐ No
Other:

Is there always a responsible person on duty at the location where circuit trouble signals are received? ☐ Yes ☐ No

For radio circuits, is there a duplicate transmitter for use at the Primary PSAP in case of primary transmitter failure? ☐ Yes ☐ No

If yes, can the duplicate transmitter be switched into use within 30 seconds? ☐ Yes ☐ No

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Dispatch Circuits

				Number of Needed Circuits			
				1	2 (>730 alarms)		Max Value
					Primary	Secondary	
C.			Emergency Power Supply System: Apply only one of the following for each needed dispatch circuit.				
	1.		Automatically started generator:	20	10	10	
			When used in combination with an uninterruptible power supply (UPS) add:	10	5	5	

NOTE: If partial test records are available credit is reduced by 25%. If no test records are available, there is no credit for the Emergency Power Supply System.

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Dispatch Circuits

				Number of Needed Circuits			
				1	2 (>730 alarms)		Max Value
					Primary	Secondary	
C.			Emergency Power Supply System: Apply only one of the following for each needed dispatch circuit.				
	2.		Manually started generator:	20	10	10	
			When used in combination with an uninterruptible power supply (UPS) add:	10	5	5	
			Maximum Value 431C:				30

NOTE: If partial test records are available credit is reduced by 25%. If no test records are available, there is no credit for the Emergency Power Supply System.

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Dispatch Circuits

				Number of Needed Circuits			
				1	2 (>730 alarms)		Max Value
					Primary	Secondary	
C.			Emergency Power Supply System: Apply only one of the following for each needed dispatch circuit.				
	3.		Central battery system plus manually started generator:	30	15	15	
	4		Central battery system only:	10	5	5	
	5		No emergency power provided	0	0	0	
			Maximum Value 431C:				30

NOTE: If partial test records are available credit is reduced by 25%. If no test records are available, there is no credit for the Emergency Power Supply System.

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - Dispatch Circuits

15. Is there an Emergency Power Supply System (EPSS) available at the Primary PSAP? ☐ Yes ☐ No

If so, what is the arrangement?

- ☐ Auto-start generator
- ☐ Manual-start generator
- ☐ Batteries with Manual-start generator
- ☐ Batteries only

In addition to the EPSS, is there an Uninteruptable Power Supply (UPS) in use at the Primary PSAP? ☐ Yes ☐ No

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - Dispatch Circuits

16. Is the emergency power supply system at the Primary PSAP tested under load? ☐ Yes ☐ No

If so, how often is it tested? _____

During testing, how long is the emergency power supply kept under load before transferring back to commercial power? _____ hours

(If tested, please provide a copy (if available) of the test record for the grading period. This record should show the date and either the duration or the start/stop times of each test.)

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Questionnaire - Dispatch Circuits

17. Are any repeater sites in use for the primary dispatch circuit? ☐ Yes ☐ No

If yes, how many are there? ☐

Do repeater sites have Emergency Power Supply Systems ☐ Yes ☐ No

If yes, how many of each of the following type(s) of systems are in use at the repeater sites?

Auto-start generator: ☐
Manual-start generator: ☐
Central Battery System: ☐
No EPSS: ☐

Describe the frequency and duration of EPSS tests at the repeater sites:

☐

Provide records (if available) showing date, and duration or start/stop times of each test for each EPSS at the repeater

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

FSRS - Dispatch Circuits

		Number of Needed Circuits			
		1	2 (>730 alarms)		Max Value
			Primary	Secondary	
Credit for 431A	Dispatch Circuit	40	20	20	40
Credit for 431B	Monitoring for Integrity	30	30	n/a	30
Credit for 431C	Emergency Power Supply System	30	15	15	30
	Total Maximum Credit:				100

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Credits

Area	Possible Credit
Emergency Reporting	3 points
Telecommunicators	4 points
Dispatch Circuits	3 points
TOTAL	**10 points**

©2016 Property Insurance Association of LA–All Rights Reserved. Contains Information Published Under Copyright by ISO - Used With Permission

Contacts

Blaine Rabe` - 504.836.7988 – brabe@pial.org

Randy Loe - 318.518.1211 – rloe@pial.org