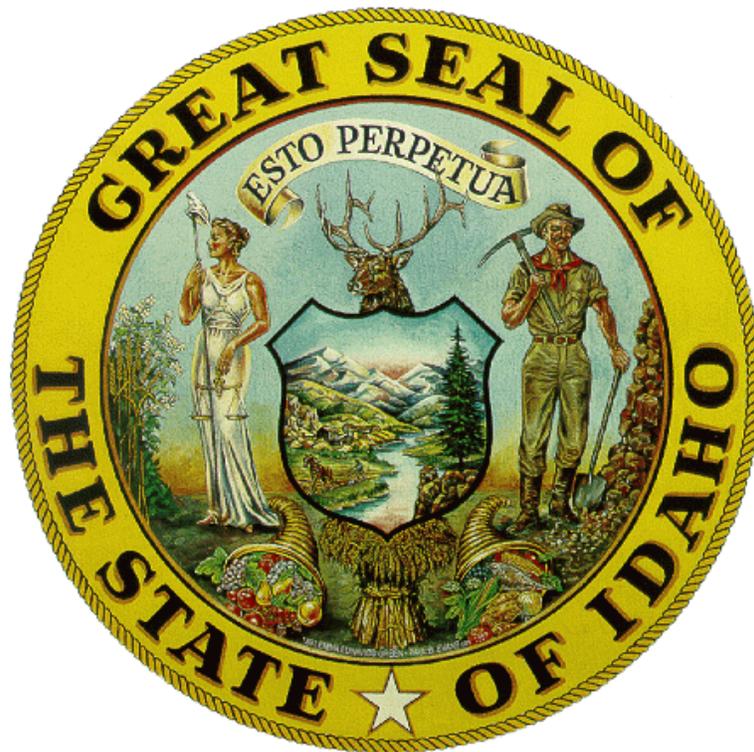


DIVISION OF BUILDING SAFETY

IDAHO ELECTRICAL BOARD  
VIDEOCONFERENCE MEETING

JULY 24, 2014



# IDAHO ELECTRICAL BOARD

## Agenda Item No. 01

## Agenda

**PRESENTER:** Bob Scott, Chairman

---

**OBJECTIVE:** Approve agenda for the July 24, 2014 Idaho Electrical Board meeting.

---

**ACTION:** Consent

---

**BACKGROUND:**

---

**PROCEDURAL  
HISTORY:**

---

**ATTACHMENTS:** Tentative agenda

---



## **TENTATIVE AGENDA**

### **NOTICE OF PUBLIC MEETING**

#### ***IDAHO ELECTRICAL BOARD VIDEOCONFERENCE MEETING***

**Division of Building Safety  
1090 East Watertower Street, Suite 150, Meridian, Idaho  
1250 Ironwood Drive, Suite 220, Coeur d'Alene, Idaho  
2055 Garrett Way, Building 1, Suite 4, Pocatello, Idaho  
dbs.idaho.gov – (208) 332-7137**

***Thursday, July 24, 2014  
9:00 a.m. – 3:00 p.m. (MT)***

*(Note: North Idaho - Meeting Commences @ 8:00 a.m. PT)*

- 
- 9 a.m. CALL TO ORDER** – Bob Scott, Chairman
- Roll Call & Introductions
  - Open Forum
    - Recognition – Kreg Davis, Board Member
    - City and County Concerns – Bret Stoddard, IDABO

#### **CONSENT AGENDA**

1. Approval of the July 24, 2014 Agenda
2. Approval of the April 24, 2014 Board Meeting Minutes

#### **ACTION AGENDA**

3. **Administrative Appeals Hearing – Mick Williams**
  - a. **John Cook – NOV ELE1403-0110**
4. **CEU Requirements – Mick Williams**
5. **Temporary Journeyman License – Mick Williams**

#### **INFORMATIONAL AGENDA**

6. Plant Electrician License – Department of Labor
7. CEU Hours on Renewals/Website – Bob Scott
8. Outreach/Compliance Official – Mick Williams
9. NFPA 70E – Mick Williams

10. Traveling Meetings – C. Kelly Pearce

**12 p.m. LUNCH BREAK** *(If needed)*

11. Program Manager Report – Mick Williams

a. Journeyman First Exam Attempts Report

b. Notice of Violations (NOV) Report

12. Operational Report – Steve Keys

13. Administrator Report

a. Financial Report – C. Kelly Pearce and Kathleen Watkins

b. Administrator – C. Kelly Pearce

i. Per Capita Production

**3 p.m. ADJOURN**

*All times, other than beginning, are approximate and are scheduled according to Mountain Time (MT), unless otherwise noted. Agenda items may shift depending on Board preference. 07/09/14r*

# IDAHO ELECTRICAL BOARD

**Agenda Item No. 02**

**Minutes**

**PRESENTER:** Bob Scott, Chairman

---

**OBJECTIVE:** Approve minutes from the April 24, 2014 Idaho Electrical Board meeting.

---

**ACTION:** Consent

---

**BACKGROUND:**

---

**PROCEDURAL  
HISTORY:**

---

**ATTACHMENTS:** Draft minutes

---



**IDAHO ELECTRICAL BOARD  
VIDEOCONFERENCE MEETING**

**Thursday – April 24, 2014 – 9:30 a.m. (MT)**

**Division of Building Safety  
1090 East Watertower Street, Suite 150, Meridian, Idaho  
1250 Ironwood Drive, Suite 220, Coeur d'Alene, Idaho  
2055 Garrett Way, Building 1, Suite 4, Pocatello, Idaho**

**\*DRAFT MINUTES OF THE APRIL 24, 2014 MEETING**

**NOTE: The following report is not a verbatim transcript of the discussions at the meeting;  
however, is intended to record the significant features of those discussions.**

Chairman Bob Scott called the meeting to order at 9:30 a.m. (MT).

**Board Members Present:**

Bob Scott, Chairman  
Jeff Wheeler, Vice-Chairman  
Kreg Davis  
Mark LaBolle  
Tim Phillips  
Al Frieze  
Allan Perman  
Denis Duman  
Dale Pippitt

**DBS Staff Members Present:**

C. Kelly Pearce, Administrator  
Steve Keys, Deputy Administrator-Operations  
Patrick Grace, Deputy Attorney General  
Kathleen Watkins, Financial Manager  
Mick Williams, Electrical Program Manager  
Terry Blessing, Regional Manager, Region 1  
Chris Jensen, Regional Manager, Region 3  
Aaron Reynolds, Regional Supervisor, Region 1  
Renee Bryant, Administrative Assistant 2/Board Secretary

**DBS Staff Members Absent:**

Ron Whitney, Deputy Administrator-Administration  
Bill Hatch, Public Information Officer  
Adam Bowcutt, Regional Supervisor, Region 3

◆ **Open Forum**

City and County Concerns – Bret Stoddard, IDABO Representative, did not have any items to discuss.

Meeting Times – Board Member LaBolle requested board meetings begin earlier than the current time. This topic was further discussed under *New Business*.

Traveling Meetings – Board Member Davis asked the Board to consider traveling meetings again. This topic was further discussed under *New Business*.

Water Heater Installations – Board Member Duman brought forth the issue of the HVAC and plumbing industries authorized to install water heaters.

Statute states HVAC contractors can install water heaters as part of an HVAC system; however, it does not give them the ability to install plumbing to such water heaters, or to install water heaters for the domestic water. The Plumbing Board decided water heaters are not part of the HVAC system and should be installed by plumbing contractors only. Therefore, HVAC contractors who currently provide this service will need to obtain an appliance plumbing specialty license.

◆ **Approval of the April 24, 2014 Agenda**

**MOTION:** Dale Pippitt made a motion to approve the agenda. Denis Duman seconded. All in favor, motion carried.

◆ **Approval of the January 23, 2014 Board Meeting Minutes**

**MOTION:** Kreg Davis made a motion to approve the minutes as written. Denis Duman seconded. All in favor, motion carried.

◆ **CEU Requirements**

The current continuing education unit (CEU) requirements for journeymen and master electricians in every three year licensing period is 16 hours of code update covering changes in the latest edition of the National Electrical Code (NEC), and eight hours of industry-related training.

It has been expressed to DBS the 16 hours of code update training is excessive when there are very few changes made to the code.

The Division suggested, and the Board agreed, to bring to the July Board meeting a proposal to amend the requirements to eight hours of code update, eight hours of code-related, and eight hours of industry-related training.

**ACTION:** For the July 24, 2014 Electrical Board meeting, DBS will provide a draft proposal to amend the CEU requirements.

**ACTION:** The topic *CEU Requirements* will be placed on the July 2014 Board meeting agenda as an action item.

◆ **Outreach/Compliance Official**

Board Member Duman expressed a desire for DBS to provide one or more outreach/compliance officer(s) throughout the state of Idaho to enforce license requirements.

The Division's eastern Idaho regional manager explained how his region accommodates outreach and compliance. A verification permit has been created for inspectors to use on issues other than inspections and ongoing permits.

Board Member Wheeler requested, and DBS offered, to provide a report on the status of verification permits, license checks, permit checks, ratios, etc., at all future meetings beginning with the July 2014 Board meeting.

**ACTION:** For the July 2014 Board meeting, the Electrical Program Manager will provide a report on the Division's outreach/compliance practices.

**ACTION:** The topic *Outreach/Compliance* will be placed on the July 2014 Board meeting agenda as an informational item.

For future meetings, Chairman Scott asked the Electrical Program Manager to provide a list of Notice of Violations (NOV) issued to contractors.

**ACTION:** For the July 2014 Board meeting, the Electrical Program Manager will provide a list of NOV's issued to contractors.

**ACTION:** The topic *Notice of Violations (NOV) Report* will be addressed and a standard item under the *Program Manager Report* beginning with the July 2014 Board meeting.

◆ **Arc Fault**

Chairman Scott prefaced the discussion by explaining there have been two separate occasions within the last few years where the Electrical Board has gone on record as being in favor of full compliance with the current NEC arc fault circuit interrupter (AFCI) breakers. During the course of negotiated rulemaking in 2013, the Electrical Collaborative Group compromised with AFCI breakers utilized only in dwelling unit bedrooms.

The 2014 NEC AFCI protection has expanded to include kitchens and laundry room areas in addition to other areas specified in previous versions of the code for dwelling units. Additionally, the new code will now require AFCI protection for dormitory units.

Board Member Davis asked the Board to consider moving forward with the negotiated rulemaking process; incorporating the 2014 NEC AFCI requirements into IDAPA 07.01.06 *Rules Governing the Use of National Electrical Code*.

Representative Gayle Batt; Alan Lusk, Boise Basin Electric; Jake Centers, Tahoe Homes; Lars Hansen, Brighton Corporation; Dave Yorgason, Building Contractors Association of Southwestern Idaho (BCASWI); and Steve Kren, Stephen's Electric spoke in support of the Electrical Collaborative Group's decision in 2013 for AFCI breakers to be utilized in bedrooms only.

Representative Crane recommended the Board save the time of the legislature and administration by not bringing the issue of arc faults to the 2015 legislative session. Also stated was: 1) In 2012, the legislature made it very clear they do not support arc fault breakers, 2) The position of the public has not changed; 3) The legislature has important issues to address; i.e., education, economy, creating jobs, and it doesn't need more burdensome regulations and additional taxes placed on the citizens of Idaho; and 4) On the Board's best day, it would have five votes in the House Business Committee.

Mr. Centers asked, and Board Member Davis agreed, to provide Mr. Yorgason with actual statistical numbers from the Fire Marshal on lives lost due to lack of AFCI breakers in residential units.

**ACTION:** Board Member Davis will provide to Dave Yorgason, BCASWI, statistical figures from the Fire Marshal with regard to lives lost due to lack of AFCI breakers in residential units.

**MOTION:** Kreg Davis made a motion to engage in the negotiated rulemaking process. Motion died for lack of a second.

**MOTION:** Kreg Davis made a motion to add the topic *Arc Faults* to the agenda for the July meeting for the Board's vote. Motion died for lack of a second.

◆ **Temporary Journeyman License**

The Electrical Program Manager provided information on the following issues addressed at the January 2014 Board meeting: 1) Out-of-state journeymen/master electricians registering and working in Idaho as apprentices, and 2) Create a temporary license for out-of-state journeymen/master electricians waiting to test for an Idaho journeyman license.

Language, modeled after the plumbing requirements in rule, was used to create a draft proposal. The proposal would require an applicant to state their actual level of competency from another jurisdiction on the application.

A temporary license would not be necessary since individuals can test Monday through Friday at any of the Division's three office locations. No additional discussion was required on this topic.

It was suggested the topic *Temporary Journeyman License* be placed as an action item on the July 24, 2014 Board meeting agenda. The only item to discuss would be out-of-state individuals registering and working outside their classification in Idaho as apprentices.

**MOTION:** Mark LaBolle made a motion that anyone who has been an out-of-state journeyman or master electrician not be allowed to register as an apprentice in the state of Idaho. Denis Duman seconded. All in favor, motion carried.

**ACTION:** The topic *Temporary Journeyman License* will be placed on the July 2014 Board meeting agenda as an action item.

◆ **Apprentice/Journeyman Exam**

This topic was addressed under the *Program Manager Report*.

Testing Update – Testing is now available on all electrical license types through DBS. To date, there have been 58 individuals who have taken some type of electrical exam. Based on beta testing in March, adjustments have been made to the master's exam; making it more complicated.

◆ **Program Manager Report**

Journeyman First Exam Attempts Report – The Journeyman First Exam Attempts report, November 2013 through March 2014, was reviewed.

Apprentice/Journeyman Exam – A discussion with regard to registration, schooling, and mandatory code updates for apprentices ensued.

Permits – From January 2012 to March 2014, electronic permits purchased through DBS have risen from 62% to 72%.

◆ **Operational Report**

Compliance Officers – Two of the Division’s current regional managers formerly served in the role of compliance officer and are well versed on this issue.

Aaron Reynolds was introduced as the Division’s new Region One Supervisor. Mr. Reynolds was originally based out of Region Three as a DBS inspector; thus leads credence to spreading the approach (See topic *Outreach/Compliance Official*) on compliance throughout the state of Idaho within DBS.

NFPA 70E – NFPA 70E is the standard for electrical safety in the work place. DBS inspectors have been provided training to deal with the impact of 70E. At some level it has helped; however, it is not working. To continue to inspect service panels, additional staff and an internal permitting system would be required. Due to budget and personnel constraints, DBS cannot provide those services at this time.

The Board was asked to brainstorm on ways DBS can approach the 70E issue, short of requiring service panels be inspected prior to being energized, and bring ideas to the July 2014 meeting.

**ACTION:** For the July 2014 Board meeting, the Board will discuss ways DBS can approach the issue of NFPA 70E.

**ACTION:** The topic NFPA 70E will be placed on the July 2014 Board meeting agenda as an informational item.

◆ **Administrator Report**

Financial Report – The Electrical Board Fund, FY 2014 financial statement as of March 31, 2014, was reviewed.

Legislative Audit – An audit of the Division’s business practices has been completed.

Salaries and Wages – The Joint Finance Appropriations Committee approved a 1% raise and 1% meritorious bonus to all eligible state employees effective July 1st.

◆ **New Business**

Traveling Meetings – As in previous years, the Board was asked to consider traveling around the state. The Chairman requested the topic *Traveling Meetings* be added to the July 24, 2014 meeting agenda as an informational item.

**ACTION:** The topic *Traveling Meetings* will be placed on the July 2014 Board meeting agenda as an informational item.

Meeting Times – It was recommended future Board meetings begin a half hour earlier; starting at 8:00 a.m. Pacific Time (PT) and 9:00 a.m. Mountain Time (MT).

**MOTION:** Mark LaBolle made a motion for future meetings to begin at 8:00 a.m. PT/9:00 a.m. MT rather than 8:30 a.m. PT/9:30 a.m. MT. Tim Phillips second. Eight ayes and one nay, motion carried.

**ACTION:** The commencement time for future meetings, beginning with the July 2014 Board meeting, will be 8:00 a.m. PT and 9:00 a.m. MT.

◆ **Adjournment**

**MOTION:** Mark LaBolle made a motion to adjourn the meeting. Kreg Davis seconded. All in favor, motion carried.

The meeting adjourned at 12:55 p.m. (MT).

\_\_\_\_\_  
BOB SCOTT, CHAIRMAN  
IDAHO ELECTRICAL BOARD

\_\_\_\_\_  
C. KELLY PEARCE, ADMINISTRATOR  
DIVISION OF BUILDING SAFETY

\_\_\_\_\_  
DATE

\_\_\_\_\_  
DATE

\*These DRAFT minutes are subject to possible correction and final approval by the Idaho Electrical Board 06/24/2014rb

# IDAHO ELECTRICAL BOARD

**Agenda Item No. 03a**

**John Cook – NOV ELE1403-0110**

**PRESENTER:** Mick Williams, Electrical Program Manager

---

**OBJECTIVE:** Administer a ruling on John Cook's Appeal – NOV ELE1403-0110

---

**ACTION:** Affirm, reject, decrease or increase the imposed penalties.

---

**BACKGROUND:** The Notice of Violation (NOV) was issued based upon proposed violations to IDAPA 07.01.11.011.01 "Electrical Contractors; 07.01.11.011.03 "License or Registration"; and 07.01.11.011.07 "Fees and Permits".

---

**PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** Documentation from John Cook and DBS

---



# IDAHO ELECTRICAL BOARD

## Agenda Item No. 04

## CEU Requirements

**PRESENTER:** Mick Williams, Electrical Program Manager

---

**OBJECTIVE:** Modify CEU Requirements

---

**ACTION:** Vote to accept or reject a proposed rule change to IDAPA 07.01.07.011 “Continuing Education Requirements”

---

**BACKGROUND:** May 2014 – The current continuing education unit (CEU) requirements for journeymen and master electricians in every three year licensing period is 16 hours of code update covering changes in the latest edition of the National Electrical Code (NEC), and eight hours of industry-related training.

It has been expressed to DBS the 16 hours of code update training is excessive when there are very few changes made to the code.

The Division suggested, and the Board agreed, to bring to the July Board meeting a proposal to amend the requirements to eight hours of code update, eight hours of code-related, and eight hours of industry-related training.

---

**ATTACHMENTS:** IDAPA 07.01.07.011 “Continuing Education Requirements”

---



# Idaho Electrical Board Meeting – July 24<sup>th</sup>, 2014

## Action Agenda – Item 4

### CEU Requirements

At the April Board meeting the Division asked that the rules regarding the CEU requirements for electricians be modified to make the continuing education requirements coincide with the electrician's license renewal dates, and allow more latitude regarding the code related educations requirements. The Board agreed and asked that new language be presented for action at the July Board meeting. Following is the proposed language.

IDAPA 07.01.07 Rules Governing Education Requirements

#### **011. CONTINUING EDUCATION REQUIREMENTS.**

Journeyman and master electricians must complete at least twenty-four (24) hours of continuing education instruction within every their three (3) year ~~period~~ ~~between updates of the National Electrical Code~~ licensing cycle. The twenty-four (24) hours of instruction shall consist of sixteen ~~(16)~~ (8) hours of code update covering changes included in the latest edition of the National Electrical Code, (8) hours of electrical code related training and eight (8) hours of industry-related training. The Idaho Electrical Board will establish criteria for approval of instruction and instructors, and courses and instructors will be approved by the Electrical Bureau. Proof of completion of these continuing education requirements must be submitted to the Bureau prior to or with the application for license renewal by any such licensee in order to renew a journeyman or master electrician license for the code change year.

# IDAHO ELECTRICAL BOARD

## Agenda Item No. 05

## Temporary Journeyman License

**PRESENTER:** Mick Williams, Electrical Program Manager

---

**OBJECTIVE:** To prevent out-of-state journeymen from registering and working as apprentices in Idaho

---

**ACTION:** Vote to accept or reject the proposed rule change to IDAPA 07.01.03 “Rules of Electrical Licensing and Registration – General”.

---

**BACKGROUND:** The Electrical Program Manager provided information on the following issues addressed at the January 2014 Board meeting: 1) Out-of-state journeymen/master electricians registering and working in Idaho as apprentices, and 2) Create a temporary license for out-of-state journeymen/master electricians waiting to test for an Idaho journeyman license.

Language, modeled after the plumbing requirements in rule, was used to create a draft proposal. The proposal would require an applicant to state their actual level of competency from another jurisdiction on the application.

A temporary license would not be necessary since individuals can test Monday through Friday at any of the Division’s three office locations. No additional discussion was required on this topic.

It was suggested the topic *Temporary Journeyman License* be placed as an action item on the July 24, 2014 Board meeting agenda. The only item to discuss would be out-of-state individuals registering and working outside their classification in Idaho as apprentices.

---

**ATTACHMENTS:** IDAPA 07.01.03 “Rules of Electrical Licensing and Registration – General”

---



## Idaho Electrical Board Meeting – July 24<sup>th</sup>, 2014

### Action Agenda – Item 5

#### Temporary Journeyman License

At the April Board meeting the Board decided that due to the relatively immediate availability of journeyman testing, there was no real need for a temporary journeyman license. The Board did ask that DBS pursue a rule that would prevent out-of-state journeymen from registering and working as apprentices in Idaho. Following is the proposed language for the new rule.

IDAPA 07.01.03. Rules of Electrical Licensing and Registration – General

#### 011.03.(a) LICENSURE HISTORY.

An applicant for any electrical registration, license or certificate of competency, who has been previously registered, licensed or certified as an apprentice, journeyman or master electrician in any recognized jurisdiction, is required upon application to the Division of Building Safety to disclose such licensure history and provide sufficient proof thereof. An applicant for any electrical registration, license or certificate of competency who has been previously licensed as a journeyman or master electrician in any recognized jurisdiction shall not be issued an electrical apprentice registration, license or certificate. Any such registration, license or certificate issued based on false information shall be considered invalid, and the applicant shall be subject to civil penalties as provided under

# IDAHO ELECTRICAL BOARD

## Agenda Item No. 06

## Plant Electrician License

**PRESENTER:** Department of Labor

---

**OBJECTIVE:** Create a new electrical specialty journeyman license for plant maintenance electricians.

---

**ACTION:** Informational

---

**BACKGROUND:** Industry has requested a process that would allow plant maintenance electricians to gain licensure using a specialized training curriculum based on full-time classroom instruction followed by on-the-job training.

---

**PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** No documentation

---



# IDAHO ELECTRICAL BOARD

**Agenda Item No. 07**

**CEU Hours on Renewals/Website**

**PRESENTER:** Bob Scott, Chairman

---

**OBJECTIVE:** Add the hours of continuing education on file for each electrician on both the license renewal notice and the Division's website.

---

**ACTION:** Informational

---

**BACKGROUND:**

---

**PROCEDURAL  
HISTORY:**

---

**ATTACHMENTS:** No documentation

---



# IDAHO ELECTRICAL BOARD

**Agenda Item No. 08**

**Outreach/Compliance Official**

**PRESENTER:** Mick Williams, Electrical Program Manager

---

**OBJECTIVE:** Provide a statistical report on verification permits.

---

**ACTION:** Informational

---

**BACKGROUND:** May 2014 – Board Member Duman expressed a desire for DBS to provide one or more outreach/compliance officer(s) throughout the state of Idaho to enforce license requirements.

The Division’s eastern Idaho regional manager explained how his region accommodates outreach and compliance. A verification permit has been created for inspectors to use on issues other than inspections and ongoing permits.

Board Member Wheeler requested, and DBS offered, to provide a report on the status of verification permits, license checks, permit checks, ratios, etc., at all future meetings beginning with the July 2014 Board meeting.

---

**PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** Report

---



## Electrical Verification Permit Count

5/1/2014 – 5/31/2014

At the April, 2014 Board meeting, the Board directed DBS to provide a report on the Division’s outreach/compliance practices. It was determined that the information needed to assemble the report was available on the Trakit program, and could be accessed through the Verification Permits data. When Staff began to assemble the report, it became clear that the data being used was not accurate because the inspectors were entering the data in the wrong categories within the results section of the Verification Permit form.

The information listed here is for the month of May, 2014. The count indicates the number of verification inspections that took place that month, by region.

• Region 1	34
• Region 2A	9
• Region 2B	1
• Region 3	<u>3</u>
Total	47

While it appears that the verification permit is used very aggressively in North Idaho and almost never used in South Central Idaho, further investigation determined that the use and “resulting” of the Verification Permits was not done uniformly from region to region, and in fact, was not done uniformly from inspector to inspector within a region. Staff has met and come to an agreement as to which categories are to be used for compliance information so that an accurate report can be generated. The inspectors have received an e-mail explaining the problem, and what they need to do to get the needed information recorded in the proper location within Trakit. The proper use of Verification Permits will be reinforced, again, during the statewide electrical inspectors meeting, in August. The Board will receive a much more accurate report at their meeting in October.

# IDAHO ELECTRICAL BOARD

**Agenda Item No. 09**

**NFPA 70E**

**PRESENTER:** Mick Williams, Electrical Program Manager

---

**OBJECTIVE:** Provide a report of first-time exams by apprenticeship programs.

---

**ACTION:** Informational

---

**BACKGROUND:** May 2014 – NFPA 70E is the standard for electrical safety in the work place. DBS inspectors have been provided training to deal with the impact of 70E. At some level it has helped; however, it is not working. To continue to inspect service panels, additional staff and an internal permitting system would be required. Due to budget and personnel constraints, DBS cannot provide those services at this time.

The Board was asked to brainstorm on ways DBS can approach the 70E issue, short of requiring service panels be inspected prior to being energized, and bring ideas to the July 2014 meeting.

---

**PROCEDURAL  
HISTORY:**

---

**ATTACHMENTS:** Article 130 – Work Involving Electrical Hazards

---



**Table 130.2(C) Approach Boundaries to Energized Electrical Conductors or Circuit Parts for Shock Protection (All dimensions are distance from energized electrical conductor or circuit part to employee.)**

(1) Nominal System Voltage Range, Phase to Phase <sup>2</sup>	(2) Limited Approach Boundary <sup>1</sup>		(4) Restricted Approach Boundary <sup>1</sup> ; Includes Inadvertent Movement Adder	(5) Prohibited Approach Boundary <sup>1</sup>
	Exposed Movable Conductor <sup>3</sup>	Exposed Fixed Circuit Part		
Less than 50	Not specified	Not specified	Not specified	Not specified
50 to 300	3.05 m (10 ft 0 in.)	1.07 m (3 ft 6 in.)	Avoid contact	Avoid contact
301 to 750	3.05 m (10 ft 0 in.)	1.07 m (3 ft 6 in.)	304.8 mm (1 ft 0 in.)	25.4 mm (0 ft 1 in.)
751 to 15 kV	3.05 m (10 ft 0 in.)	1.53 m (5 ft 0 in.)	660.4 mm (2 ft 2 in.)	177.8 mm (0 ft 7 in.)
15.1 kV to 36 kV	3.05 m (10 ft 0 in.)	1.83 m (6 ft 0 in.)	787.4 mm (2 ft 7 in.)	254 mm (0 ft 10 in.)
36.1 kV to 46 kV	3.05 m (10 ft 0 in.)	2.44 m (8 ft 0 in.)	838.2 mm (2 ft 9 in.)	431.8 mm (1 ft 5 in.)
46.1 kV to 72.5 kV	3.05 m (10 ft 0 in.)	2.44 m (8 ft 0 in.)	990 m (3 ft 3 in.)	660 mm (2 ft 2 in.)
72.6 kV to 121 kV	3.25 m (10 ft 8 in.)	2.44 m (8 ft 0 in.)	1.016 m (3 ft 4 in.)	838 mm (2 ft 9 in.)
138 kV to 145 kV	3.36 m (11 ft 0 in.)	3.05 m (10 ft 0 in.)	1.168 m (3 ft 10 in.)	965 m (3 ft 4 in.)
161 kV to 169 kV	3.56 m (11 ft 8 in.)	3.56 m (11 ft 8 in.)	1.29 m (4 ft 3 in.)	1.14 m (3 ft 9 in.)
230 kV to 242 kV	3.97 m (13 ft 0 in.)	3.97 m (13 ft 0 in.)	1.721 m (5 ft 8 in.)	1.57 m (5 ft 2 in.)
345 kV to 362 kV	4.68 m (15 ft 4 in.)	4.68 m (15 ft 4 in.)	2.794 m (9 ft 2 in.)	2.641 m (8 ft 8 in.)
500 kV to 550 kV	5.8 m (19 ft 0 in.)	5.8 m (19 ft 0 in.)	3.61 m (11 ft 10 in.)	3.45 m (11 ft 4 in.)
765 kV to 800 kV	7.24 m (23 ft 9 in.)	7.24 m (23 ft 9 in.)	4.851 m (15 ft 11 in.)	4.7 m (15 ft 5 in.)

Note: For Arc Flash Protection Boundary, see 130.3(A).

<sup>1</sup> See definition in Article 100 and text in 130.2(D)(2) and Annex C for elaboration.

<sup>2</sup> For single-phase systems, select the range that is equal to the system's maximum phase-to-ground voltage multiplied by 1.732.

<sup>3</sup> A condition in which the distance between the conductor and a person is not under the control of the person. The term is normally applied to overhead line conductors supported by poles.

and the personal protective equipment that people within the Arc Flash Protection Boundary shall use.

The arc flash hazard analysis shall be updated when a major modification or renovation takes place. It shall be reviewed periodically, not to exceed five years, to account for changes in the electrical distribution system that could affect the results of the arc flash hazard analysis.

The arc flash hazard analysis shall take into consideration the design of the overcurrent protective device and its opening time, including its condition of maintenance.

*Exception No. 1: An arc flash hazard analysis shall not be required where all of the following conditions exist:*

- (1) The circuit is rated 240 volts or less.
- (2) The circuit is supplied by one transformer.
- (3) The transformer supplying the circuit is rated less than 125 kVA.

*Exception No. 2: The requirements of 130.7(C)(9), 130.7(C)(10), and 130.7(C)(11) shall be permitted to be used in lieu of a detailed incident energy analysis.*

FPN No. 1: Improper or inadequate maintenance can result in increased opening time of the overcurrent protective device, thus increasing the incident energy.

FPN No. 2: For additional direction for performing maintenance on overcurrent protective devices, see Chapter 2, Safety-Related Maintenance Requirements.

#### (A) Arc Flash Protection Boundary.

(1) **Voltage Levels Between 50 Volts and 600 Volts.** In those cases where detailed arc flash hazard analysis calculations are not performed for systems that are between 50 volts and 600 volts, the Arc Flash Protection Boundary shall be 4.0 ft, based on the product of clearing time of 2 cycles (0.033 sec) and the available bolted fault current of 50 kA or any combination not exceeding 100 kA cycles (1667 ampere seconds). When the product of clearing times and bolted fault current exceeds 100 kA cycles, the Arc Flash Protection Boundary shall be calculated.

(2) **Voltage Levels Above 600 Volts.** At voltage levels above 600 volts, the Arc Flash Protection Boundary shall be the distance at which the incident energy equals 5 J/cm<sup>2</sup> (1.2 cal/cm<sup>2</sup>). For situations where fault-clearing time is equal to or less than 0.1 sec, the Arc Flash Protection Boundary shall be the distance at which the incident energy level equals 6.24 J/cm<sup>2</sup> (1.5 cal/cm<sup>2</sup>).

**(9) Selection of Personal Protective Equipment When Required for Various Tasks.** Where selected in lieu of the incident energy analysis of 130.3(B)(1), Table 130.7(C)(9) shall be used to determine the hazard/risk category and requirements for use of rubber insulating gloves and insulated and insulating hand tools for a task. The assumed maximum short-circuit current capacities and maximum fault clearing times for various tasks are listed in the notes to Table 130.7(C)(9). For tasks not listed, or for power systems with greater than the assumed maximum short-circuit current capacity or with longer than the assumed maximum fault clearing times, an arc flash hazard analysis shall be required in accordance with 130.3.

**FPN No. 1:** The work tasks and protective equipment identified in Table 130.7(C)(9) were identified by a task group and the protective clothing and equipment selected was based on the collective experience of the task group. The protective clothing and equipment is generally based on determination of estimated exposure levels.

In several cases where the risk of an arc flash incident is considered low, very low, or extremely low by the task group, the hazard/risk category number has been reduced by 1, 2, or 3 numbers, respectively. The collective experience of the task group is that in most cases closed doors do

not provide enough protection to eliminate the need for PPE for instances where the state of the equipment is known to readily change (e.g., doors open or closed, rack in or rack out). The premise used by the Task Group is considered to be reasonable, based on the consensus judgment of the full NFPA 70E Technical Committee.

**FPN No. 2:** Both larger and smaller available short-circuit currents could result in higher available arc flash energies. If the available short-circuit current increases without a decrease in the opening time of the overcurrent protective device, the arc flash energy will increase. If the available short-circuit current decreases, resulting in a longer opening time for the overcurrent protective device, arc flash energies could also increase.

**FPN No. 3:** Energized electrical conductors or circuit parts that operate at less than 50 volts may need to be de-energized to satisfy an "electrically safe work condition." Consideration should be given to the capacity of the source, any overcurrent protection between the energy source and the worker, and whether the work task related to the source operating at less than 50 volts increases exposure to electrical burns or to explosion from an electric arc.

**FPN No. 4:** See 130.1(B)(2)(6) for requirements on documenting the available short-circuit current and fault clearing time.

**Table 130.7(C)(9) Hazard/Risk Category Classifications and Use of Rubber Insulating Gloves and Insulated and Insulating Hand Tools**

Tasks Performed on Energized Equipment	Hazard/Risk Category	Rubber Insulating Gloves	Insulated and Insulating Hand Tools
<b>Panelboards or Other Equipment Rated 240 V and Below — Note 1</b>			
Perform infrared thermography and other non-contact inspections outside the restricted approach boundary	0	N	N
Circuit breaker (CB) or fused switch operation with covers on	0	N	N
CB or fused switch operation with covers off	0	N	N
Work on energized electrical conductors and circuit parts, including voltage testing	1	Y	Y
Remove/install CBs or fused switches	1	Y	Y
Removal of bolted covers (to expose bare, energized electrical conductors and circuit parts)	1	N	N
Opening hinged covers (to expose bare, energized electrical conductors and circuit parts)	0	N	N
Work on energized electrical conductors and circuit parts of utilization equipment fed directly by a branch circuit of the panelboard	1	Y	Y
<b>Panelboards or Switchboards Rated &gt;240 V and up to 600 V (with molded case or insulated case circuit breakers) — Note 1</b>			
Perform infrared thermography and other non-contact inspections outside the restricted approach boundary	1	N	N
CB or fused switch operation with covers on	0	N	N

Table 130.7(C)(9) Continued

Tasks Performed on Energized Equipment	Hazard/Risk Category	Rubber Insulating Gloves	Insulated and Insulating Hand Tools
CB or fused switch operation with covers off	1	Y	N
Work on energized electrical conductors and circuit parts, including voltage testing	2*	Y	Y
Work on energized electrical conductors and circuit parts of utilization equipment fed directly by a branch circuit of the panelboard or switchboard	2*	Y	Y
<b>600 V Class Motor Control Centers (MCCs) — Note 2 (except as indicated)</b>			
Perform infrared thermography and other non-contact inspections outside the restricted approach boundary	1	N	N
CB or fused switch or starter operation with enclosure doors closed	0	N	N
Reading a panel meter while operating a meter switch	0	N	N
CB or fused switch or starter operation with enclosure doors open	1	N	N
Work on energized electrical conductors and circuit parts, including voltage testing	2*	Y	Y
Work on control circuits with energized electrical conductors and circuit parts 120 V or below, exposed	0	Y	Y
Work on control circuits with energized electrical conductors and circuit parts >120 V, exposed	2*	Y	Y
Insertion or removal of individual starter “buckets” from MCC — Note 3	4	Y	N
Application of safety grounds, after voltage test	2*	Y	N
Removal of bolted covers (to expose bare, energized electrical conductors and circuit parts) — Note 3	4	N	N
Opening hinged covers (to expose bare, energized electrical conductors and circuit parts) — Note 3	1	N	N
Work on energized electrical conductors and circuit parts of utilization equipment fed directly by a branch circuit of the motor control center	2*	Y	Y
<b>600 V Class Switchgear (with power circuit breakers or fused switches) — Note 4</b>			
Perform infrared thermography and other non-contact inspections outside the restricted approach boundary	2	N	N
CB or fused switch operation with enclosure doors closed	0	N	N
Reading a panel meter while operating a meter switch	0	N	N
CB or fused switch operation with enclosure doors open	1	N	N
Work on energized electrical conductors and circuit parts, including voltage testing	2*	Y	Y
Work on control circuits with energized electrical conductors and circuit parts 120 V or below, exposed	0	Y	Y
Work on control circuits with energized electrical conductors and circuit parts >120 V, exposed	2*	Y	Y

(continues)

Table 130.7(C)(10) Protective Clothing and Personal Protective Equipment (PPE)

Hazard/Risk Category	Protective Clothing and PPE
<b>Hazard/Risk Category 0</b>	
Protective Clothing, Nonmelting (according to ASTM F 1506-00) or Untreated Natural Fiber	Shirt (long sleeve) Pants (long)
FR Protective Equipment	Safety glasses or safety goggles (SR) Hearing protection (ear canal inserts) Leather gloves (AN) (Note 2)
<b>Hazard/Risk Category 1</b>	
FR Clothing, Minimum Arc Rating of 4 (Note 1)	Arc-rated long-sleeve shirt (Note 3) Arc-rated pants (Note 3) Arc-rated coverall (Note 4) Arc-rated face shield or arc flash suit hood (Note 7) Arc-rated jacket, parka, or rainwear (AN)
FR Protective Equipment	Hard hat Safety glasses or safety goggles (SR) Hearing protection (ear canal inserts) Leather gloves (Note 2) Leather work shoes (AN)
<b>Hazard/Risk Category 2</b>	
FR Clothing, Minimum Arc Rating of 8 (Note 1)	Arc-rated long-sleeve shirt (Note 5) Arc-rated pants (Note 5) Arc-rated coverall (Note 6) Arc-rated face shield or arc flash suit hood (Note 7) Arc rated jacket, parka, or rainwear (AN)
FR Protective Equipment	Hard hat Safety glasses or safety goggles (SR) Hearing protection (ear canal inserts) Leather gloves (Note 2) Leather work shoes
<b>Hazard/Risk Category 2*</b>	
FR Clothing, Minimum Arc Rating of 8 (Note 1)	Arc-rated long-sleeve shirt (Note 5) Arc-rated pants (Note 5) Arc-rated coverall (Note 6) Arc-rated arc flash suit hood (Note 10) Arc-rated jacket, parka, or rainwear (AN)
FR Protective Equipment	Hard hat Safety glasses or safety goggles (SR) Hearing protection (ear canal inserts) Leather gloves (Note 2) Leather work shoes
<b>Hazard/Risk Category 3</b>	
FR Clothing, Minimum Arc Rating of 25 (Note 1)	Arc-rated long-sleeve shirt (AR) (Note 8) Arc-rated pants (AR) (Note 8) Arc-rated coverall (AR) (Note 8) Arc-rated arc flash suit jacket (AR) (Note 8) Arc-rated arc flash suit pants (AR) (Note 8) Arc-rated arc flash suit hood (Note 8) Arc-rated jacket, parka, or rainwear (AN)

(continues)

# IDAHO ELECTRICAL BOARD

## Agenda Item No. 10

## Traveling Meetings

**PRESENTER:** C. Kelly Pearce, Administrator

---

**OBJECTIVE:** Travel throughout the state of Idaho for Board meetings.

---

**ACTION:** Informational

---

**BACKGROUND:** May 2014 – As in previous years, the Board was asked to consider traveling around the state. The Chairman requested the topic *Traveling Meetings* be added to the July 24, 2014 meeting agenda as an informational item.

---

**PROCEDURAL  
HISTORY:**

---

**ATTACHMENTS:** No documentation

---



# IDAHO ELECTRICAL BOARD

## Agenda Item No. 11

## Program Manager Report

**PRESENTER:** Mick Williams, Electrical Program Manager

---

**OBJECTIVE:** Update the Board on the Electrical program's current activities.

---

**ACTION:** Informational

---

**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

---

**PROCEDURAL  
HISTORY:**

---

**ATTACHMENTS:** No documentation

---



# IDAHO ELECTRICAL BOARD

## Agenda Item No. 11a Journeyman First Exam Attempts Report

**PRESENTER:** Mick Williams, Electrical Program Manager

---

**OBJECTIVE:** Provide current statistics on the Electrical Journeyman First Exam Attempts report.

---

**ACTION:** Informational

---

**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

---

**PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** Report

---





# IDAHO ELECTRICAL BOARD

## Agenda Item No. 11b

## Notice of Violations (NOV) Report

**PRESENTER:** Mick Williams, Electrical Program Manager

---

**OBJECTIVE:** Provide a report on quarterly NOVs issued.

---

**ACTION:** Informational

---

**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

---

**PROCEDURAL  
HISTORY:**

---

**ATTACHMENTS:** Report

---



Tab 11b - Region 1 - Jan-Jun 2014

Case No	STARTED	CLOSED	CASETYPE	ASSIGNED_TO	REGION	FEES_CHARGED	PREFIX	FEES_PAID	BALANCE_DUE	PARENT_PERMIT_NO	STATUS	STARTED_BY	CASE_NAME	SITE_STREETNAME
ELE14-0004	01/14/2014	01/21/2014	NOV	JUSTIN BUSSKOHL	1	0	ELE	0	0		CANCELLED	.68		EVERGREEN RD
ELE1402-0005	02/03/2014		NOV	JUSTIN BUSSKOHL	1	0	ELE	0	0	ELE1402-0006	WARNING	JBU	Failure to permit	HWY 95
ELE14-0007	02/05/2014	02/10/2014	NOV	DON GEIGER	1	100	ELE	0	100		CANCELLED	.68		CAMERON
ELE1402-0030	02/10/2014	04/07/2014	NOV	DON GEIGER	1	250	ELE	250	0		PAID	DGE	no permit taken	COMMERCE DR
ELE1402-0045	02/13/2014	04/07/2014	NOV	JUSTIN BUSSKOHL	1	750	ELE	750	0	WEB1402-00520	PAID	JBU	Working out of scop	TRIANGLE DR
ELE1402-0047	02/13/2014		NOV	JUSTIN BUSSKOHL	1	0	ELE	0	0	WEB1402-00520	WARNING	JBU	Unsupervised Traine	TRIANGLE DR
ELE1402-0064	02/19/2014	04/08/2014	NOV	SAM KASPER	1	100	ELE	100	0	WEB1312-00025	PAID	SKA	Solar work without p	HILLSIDE DR
ELE14-0010	02/21/2014		NOV	TOM LOUDIN	1	100	ELE	0	100		ACTIVE	.68	Failure to Correct	CLOVERLEAF RD
ELE1403-0035	03/12/2014	04/03/2014	NOV	TERRY BLESSING	1	100	ELE	100	0		PAID	TBL	Unlicensed Contract	Box 87
ELE1403-0064	03/19/2014	04/14/2014	NOV	GARY SONNEN	1	300	ELE	300	0	ELE1403-00217	PAID	GSO	Unlicensed Contract	W SELTICE WAY
ELE14-0013	03/24/2014	03/25/2014	NOV	SAM KASPER	1	0	ELE	0	0		CANCELLED	.68		
ELE14-0015	04/02/2014	04/03/2014	NOV	SAM KASPER	1	0	ELE	0	0		CANCELLED	.68		
ELE14-0016	04/04/2014	05/08/2014	NOV	MARK WENIG	1	100	ELE	100	0		PAID	.68	Failure to Correct	N CHARLEVILLE RD
ELE1404-0023	04/08/2014	04/25/2014	NOV	JUSTIN BUSSKOHL	1	0	ELE	0	0	WEB1404-00594	WARNING	JBU	Unsupervised Appre	Cedar St
ELE1404-0024	04/08/2014	04/25/2014	NOV	JUSTIN BUSSKOHL	1	0	ELE	0	0	WEB1404-00594	WARNING	JBU	Unsupervised Appre	Cedar St
ELE1404-0025	04/08/2014	04/25/2014	NOV	JUSTIN BUSSKOHL	1	0	ELE	0	0	WEB1404-00594	WARNING	JBU	Unsupervised Appre	Cedar St
ELE1404-0038	04/11/2014	05/19/2014	NOV	SAM KASPER	1	200	ELE	200	0	WEB1404-00269	PAID	SKA	Operating as a contr	S COLLEGE ST
ELE14-0017	04/16/2014	05/13/2014	NOV	JUSTIN BUSSKOHL	1	0	ELE	0	0		CANCELLED	.68	Failure to Correct	EVERGREEN RD
ELE1405-0075	05/20/2014		NOV	JUSTIN BUSSKOHL	1	100	ELE	0	100	WEB1405-01173	ACTIVE	JBU	Apprentice without jc	FRONTIER VILLAGE RD
ELE14-0022	05/28/2014	05/28/2014	NOV	SAM KASPER	1	0	ELE	0	0		CANCELLED	.68		
ELE14-0023	05/30/2014		NOV	SAM KASPER	1	0	ELE	0	0		CANCELLED	.68		
ELE14-0024	06/02/2014		NOV	JUSTIN BUSSKOHL	1	100	ELE	0	100		PENDING	.68		HWY 200
ELE14-0025	06/03/2014	06/18/2014	NOV	JUSTIN BUSSKOHL	1	0	ELE	0	0		CANCELLED	.68		GUN CLUB RD
ELE14-0031	06/16/2014		NOV	JUSTIN BUSSKOHL	1	100	ELE	0	100		ACTIVE	.68		KALISPELL BAY RD
ELE1406-0075	06/16/2014		NOV	JUSTIN BUSSKOHL	1	300	ELE	0	300	ELE1405-00565	PENDING	JBU	Unlicensed Contract	OXFORD LP
ELE14-0032	06/17/2014	06/23/2014	NOV	JUSTIN BUSSKOHL	1	0	ELE	0	0		CANCELLED	.68		HWY 2
ELE1406-0091	06/17/2014		NOV	SAM KASPER	1	100	ELE	0	100		ACTIVE	SKA	Performed electrical	W. Main
ELE14-0037	07/01/2014		NOV	SAM KASPER	1	100	ELE	0	100		ACTIVE	.68		AMERICAN WAY

## Agenda Item 11b - Region 2a - Jan-Jun 2014

Case No	STARTED	CLOSED	CASETYPE	ASSIGNED_TO	REGION	FEES_CHARGED	PREFIX	FEES_PAID	BALANCE_DUE	PARENT_PERMIT_NO	STATUS	STARTED_BY	CASE_NAME	SITE_STREETNAME
ELE14-0011	03/03/2014	03/05/2014	NOV	KEVIN HUBBLE	2A	0	ELE	0	0		CANCELLED	_68		
ELE1403-0108	03/31/2014		NOV	GERET ROBINSON	2A	400	ELE	0	400	ELE1403-00472	ACTIVE	GRO		HWY 20/26
ELE1403-0110	03/31/2014		NOV	GERET ROBINSON	2A	200	ELE	200	0	ELE1403-00476	APPEAL	GRO		N HWY 52
ELE14-0020	05/01/2014		NOV	GERET ROBINSON	2A	100	ELE	0	100		ACTIVE	_68	Failure to Correct	HWY 20/26
ELE1405-0062	05/15/2014		NOV	GERET ROBINSON	2A	200	ELE	0	200	ELE1405-00207	ACTIVE	GRO		HWY 52
ELE14-0021	05/20/2014	05/20/2014	NOV	KEVIN HUBBLE	2A	0	ELE	0	0		CANCELLED	_68		
ELE1406-0011	06/03/2014		NOV	WARREN WING	2A	200	ELE	0	200	WEB1404-02639	ACTIVE	WWI	SEE ALSO NOVs E	S KIRRA WAY
ELE1406-0012	06/03/2014		NOV	WARREN WING	2A	100	ELE	0	100	WEB1404-02639	ACTIVE	WWI	SEE NOV ELE1406	S KIRRA WAY
ELE1406-0013	06/03/2014		NOV	WARREN WING	2A	100	ELE	0	100	WEB1404-02639	ACTIVE	WWI	SEE NOV ELE1406	S KIRRA WAY
ELE1406-0083	06/17/2014		NOV	GERET ROBINSON	2A	800	ELE	0	800	WEB1403-00810	PENDING	GRO		FLOATING FEATHER RD
ELE1406-0100	06/18/2014		NOV	GERET ROBINSON	2A	100	ELE	0	100	WEB1403-00810	ACTIVE	GRO		FLOATING FEATHER RD
ELE1406-0101	06/18/2014		NOV	GERET ROBINSON	2A	100	ELE	0	100	WEB1403-00810	ACTIVE	GRO		FLOATING FEATHER RD
ELE14-0033	06/23/2014		NOV	DONNY DAVIS	2A	0	ELE	0	0		ACTIVE	_68		
ELE14-0035	06/30/2014		NOV	KEVIN HUBBLE	2A	0	ELE	0	0		ACTIVE	_68		

## Agenda Item 11b - Region 2b - Jan-Jun 2014

Case No	STARTED	CLOSED	CASETYPE	ASSIGNED_TO	REGION	FEES_CHARGED	PREFIX	FEES_PAID	BALANCE_DUE	PARENT_PERMIT_NO	STATUS	STARTED_BY	CASE_NAME	SITE_STREETNAME
ELE14-0001	01/03/2014	01/07/2014	NOV	CURT BINGHAM	2B	0	ELE	0	0		CANCELLED	.68	Failure to Correct	S ELBA ALMO RD
ELE1401-0026	01/07/2014	03/05/2014	NOV	LARRY WHARTON	2B	0	ELE	0	0	ELE1401-00056	WARNING	LWH	Failure to Permit	HWY 20 & 200 E
ELE1401-0027	01/07/2014	02/03/2014	NOV	LARRY WHARTON	2B	0	ELE	0	0	ELE1401-00057	WARNING	LWH	Failure to Permit	HWY 20 & 200 E
ELE14-0005	01/17/2014	01/23/2014	NOV	CURT BINGHAM	2B	0	ELE	0	0		CANCELLED	.68		S HWY 77
ELE14-0008	02/18/2014	02/25/2014	NOV	CURT BINGHAM	2B	0	ELE	0	0		CANCELLED	.68		CARTER PACK RD
ELE1403-0030	03/11/2014	03/28/2014	NOV	CURT BINGHAM	2B	0	ELE	0	0		WARNING	CBI		N 3600 E
ELE1404-0031	04/09/2014		NOV	LARRY WHARTON	2B	200	ELE	0	200	ELE1404-00121	ACTIVE	LWH		S PINE FEATHERVILLE RD
ELE1404-0032	04/09/2014	04/16/2014	NOV	LARRY WHARTON	2B	0	ELE	0	0		CANCELLED	LWH		
ELE14-0018	04/24/2014	04/30/2014	NOV	LARRY WHARTON	2B	0	ELE	0	0		CANCELLED	.68		CD Olena Dr
ELE14-0027	06/09/2014	06/12/2014	NOV	CURT BINGHAM	2B	0	ELE	0	0		CANCELLED	.68		
ELE14-0029	06/12/2014	06/16/2014	NOV	CURT BINGHAM	2B	0	ELE	0	0		CANCELLED	.68		E 3900 N
ELE14-0030	06/13/2014		NOV	CURT BINGHAM	2B	100	ELE	0	100		ACTIVE	.68		S ELBA ALMO RD
ELE1406-0088	06/17/2014	06/19/2014	NOV	LARRY WHARTON	2B	100	ELE	0	100	ELE1406-00322	CANCELLED	LWH		POPLAR ST
ELE14-0036	06/30/2014	07/01/2014	NOV	CURT BINGHAM	2B	0	ELE	0	0		CANCELLED	.68		

## Agenda Item 11b - Region 3 - Jan-Jun 2014

Case No	STARTED	CLOSED	CASETYPE	ASSIGNED_TO	REGION	FEES_CHARGED	PREFIX	FEES_PAID	BALANCE_DUE	PARENT_PERMIT_NO	STATUS	STARTED_BY	CASE_NAME	SITE_STREETNAME
ELE14-0002	01/13/2014	02/11/2014	NOV	AARON REYNOLDS	3	0	ELE	0	0		CLOSED	.68		YALE CK RD
ELE1402-0048	02/13/2014	03/06/2014	NOV	AARON REYNOLDS	3	100	ELE	100	0	ELE1402-00127	PAID	ARE		N. Bridge St
ELE14-0012	03/17/2014	03/17/2014	NOV	AARON REYNOLDS	3	0	ELE	0	0		CANCELLED	.68		
ELE1401-0085	01/22/2014		NOV	ADAM BOWCUTT	3	300	ELE	0	300		COLLECTIONS	ABO		E SANDY DR
ELE1402-0003	02/03/2014	03/17/2014	NOV	ADAM BOWCUTT	3	1000	ELE	1000	0		PAID	ABO		S WOODRUFF AVE
ELE1402-0004	02/03/2014	04/30/2014	NOV	ADAM BOWCUTT	3	0	ELE	0	0		COLLECTIONS	ABO		S WOODRUFF AVE
ELE1402-0013	02/04/2014	05/07/2014	NOV	ADAM BOWCUTT	3	200	ELE	200	0		COLLECTIONS	ABO		S WOODRUFF AVE
ELE1402-0027	02/07/2014		NOV	ADAM BOWCUTT	3	500	ELE	0	500		COLLECTIONS	ABO		E SANDY DR
ELE1403-0022	03/06/2014	03/28/2014	NOV	ADAM BOWCUTT	3	0	ELE	0	0	ELE1403-00061	WARNING	ABO		HWY 32
ELE1406-0086	06/17/2014		NOV	ADAM BOWCUTT	3	100	ELE	0	100		WARNING	ABO		242n
ELE1402-0070	02/20/2014	03/21/2014	NOV	MITCH DAY	3	200	ELE	200	0		PAID	MDA		Farnsworth Way
ELE1402-0079	02/21/2014		NOV	MITCH DAY	3	0	ELE	0	0		WARNING	MDA		Farnsworth Way
ELE1403-0010	03/04/2014	03/21/2014	NOV	MITCH DAY	3	100	ELE	100	0	ELE1402-00277	PAID	MDA		E IONA RD
ELE1403-0018	03/06/2014	04/03/2014	NOV	MITCH DAY	3	500	ELE	500	0	ELE1403-00037	PAID	MDA		East 2411 N
ELE1403-0019	03/06/2014	03/28/2014	NOV	MITCH DAY	3	0	ELE	0	0	ELE1403-00056	WARNING	MDA		N Quail Dr
ELE1404-0041	04/14/2014	05/13/2014	NOV	MITCH DAY	3	100	ELE	100	0	ELE1404-00192	PAID	MDA	Failure to Permit	W 65TH S
ELE14-0019	04/30/2014	05/07/2014	NOV	MITCH DAY	3	0	ELE	0	0		CANCELLED	.68	Failure to Correct	N 711 E
ELE14-0026	06/04/2014	06/11/2014	NOV	MITCH DAY	3	100	ELE	0	100		CANCELLED	.68		N 711 E
ELE1407-0003	07/01/2014		NOV	MITCH DAY	3	100	ELE	0	100	WEB1405-01588	ACTIVE	MDA		N 3100 E
ELE14-0003	01/14/2014	04/14/2014	NOV	SHELLY FARRIS	3	100	ELE	100	0		COLLECTIONS	.68	Failure to Correct	N 15TH E
ELE14-0009	02/20/2014	02/26/2014	NOV	SHELLY FARRIS	3	100	ELE	0	100		CANCELLED	.68		N 4012 E
ELE14-0014	03/25/2014	03/28/2014	NOV	SHELLY FARRIS	3	0	ELE	0	0		CANCELLED	.68		REESE RD
ELE1405-0004	05/01/2014	06/03/2014	NOV	SHELLY FARRIS	3	200	ELE	200	0	ELE1404-00558	PAID	SFA	Unlicensed Contract	N 3950 E
ELE14-0028	06/11/2014	06/11/2014	NOV	SHELLY FARRIS	3	0	ELE	0	0		CANCELLED	.68		E POWER HOUSE DR
ELE1406-0064	06/12/2014		NOV	SHELLY FARRIS	3	200	ELE	0	200	ELE1406-00229	PENDING	SFA		N 4030 E
ELE14-0034	06/25/2014	06/27/2014	NOV	SHELLY FARRIS	3	0	ELE	0	0		CANCELLED	.68		N 3100 E
ELE14-0006	01/22/2014	04/07/2014	NOV	TODD WILDING	3	100	ELE	100	0		COLLECTIONS	.68	Failure to Correct	3700 N
ELE1401-0127	01/30/2014		NOV	TODD WILDING	3	0	ELE	0	0	ELE1401-00335	WARNING	TWI	unlicensed contract	E MAIN
ELE1402-0031	02/10/2014	04/28/2014	NOV	TODD WILDING	3	50	ELE	50	0	ELE1402-00070	COLLECTIONS	TWI	UNLICENSED CON	RIVER RD
ELE1402-0084	02/25/2014	03/25/2014	NOV	TODD WILDING	3	150	ELE	150	0	ELE1402-00255	PAID	TWI	unlicensed contract	W 4800 S
ELE1403-0052	03/18/2014	04/02/2014	NOV	TODD WILDING	3	0	ELE	0	0	ELE1403-00017	CANCELLED	TWI	failure to supervise	S HWY 36
ELE1404-0037	04/11/2014	05/13/2014	NOV	TODD WILDING	3	100	ELE	100	0	ELE1308-00506	PAID	TWI	UNSUPERVISED A	E 400 S
ELE1405-0097	05/29/2014	06/30/2014	NOV	TODD WILDING	3	100	ELE	100	0	ELE1405-00515	PAID	TWI	UNLICENSED CON	W & 1000 N
ELE1405-0098	05/29/2014	06/30/2014	NOV	TODD WILDING	3	100	ELE	100	0	ELE1405-00516	PAID	TWI	UNLICENSED CON	S 3200 W
ELE1402-0017	02/05/2014		NOV	TRAVIS WRIGHT	3	300	ELE	0	300	ELE1402-00018	COLLECTIONS	TWR	Doing work without a	S 5800 W

## Agenda Item 11b - Municipal - Jan-Jun 2014

Case No	STARTED	CLOSED	CASETYPE	ASSIGNED_TO	REGION	FEES_CHARGED	PREFIX	FEES_PAID	BALANCE_DUE	PARENT_PERMIT_NO	STATUS	STARTED_BY	CASE_NAME	SITE_STREETNAME
ELE1402-0018	02/05/2014	03/06/2014	NOV	MICK WILLIAMS	2A	200	ELE	200	0		PAID	MKD	Unlic Contractor	Addison Ave E
ELE1402-0019	02/05/2014	06/19/2014	NOV	MICK WILLIAMS	2A	100	ELE	100	0		PAID	MWI	unlicensed individual	Addison Ave E
ELE1402-0020	02/05/2014	02/28/2014	NOV	MICK WILLIAMS	2A	100	ELE	100	0		PAID	MWI	Failure to supervise	Addison Ave E
ELE1404-0107	04/28/2014	05/07/2014	NOV	MICK WILLIAMS	2A	0	ELE	0	0		WARNING	MWI	Unlicensed Specialty	Box 460
ELE1404-0108	04/28/2014	05/07/2014	NOV	MICK WILLIAMS	2A	0	ELE	0	0		WARNING	MWI	unlicensed specialty	Box 460
ELE1404-0109	04/28/2014	05/07/2014	NOV	MICK WILLIAMS	2A	0	ELE	0	0		WARNING	MWI	Unlicensed specialty	Box 460
ELE1404-0110	04/28/2014	05/07/2014	NOV	MICK WILLIAMS	2A	0	ELE	0	0		WARNING	MWI	Unlicensed employee	Box 460
ELE1406-0017	06/04/2014		NOV	MICK WILLIAMS	2A	700	ELE	0	700		ACTIVE	MWI		N. 2400 E.
ELE1406-0129	06/26/2014		NOV	MICK WILLIAMS	2A	100	ELE	0	100		ACTIVE	MWI	Unsupervised Appre	West Wetland Park

# IDAHO ELECTRICAL BOARD

**Agenda Item No. 12**

**Operational Report**

**PRESENTER:** Steve Keys, Deputy Administrator-Operations

---

**OBJECTIVE:** Provide an update on the daily operations of the Electrical program and division.

---

**ACTION:** Informational

---

**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

---

**PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** No documentation

---



# IDAHO ELECTRICAL BOARD

## Agenda Item No. 13a

## Financial Report

**PRESENTER:** C. Kelly Pearce, Administrator and Kathleen Watkins, Financial Manager

---

**OBJECTIVE:** Review the Idaho Electrical Board's financial report

---

**ACTION:** Informational

---

**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

---

### **PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** Financial report

---





**Division of Building Safety**  
 ELECTRICAL BOARD FUND 0229-01  
 Fiscal Year 2014 Financial Statements  
 As of 5/31/2014

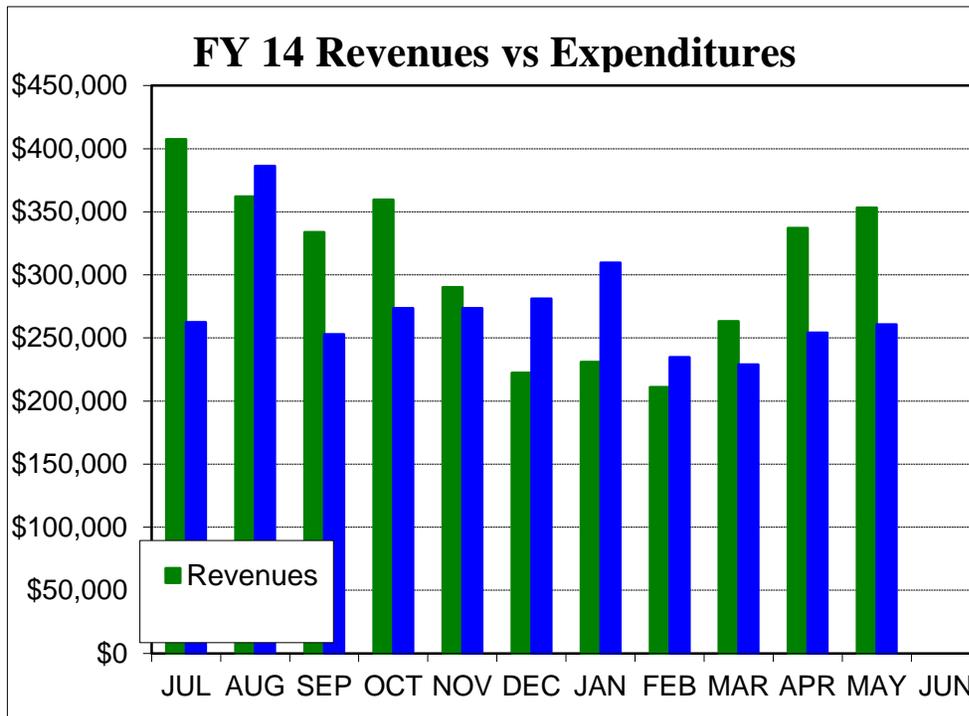
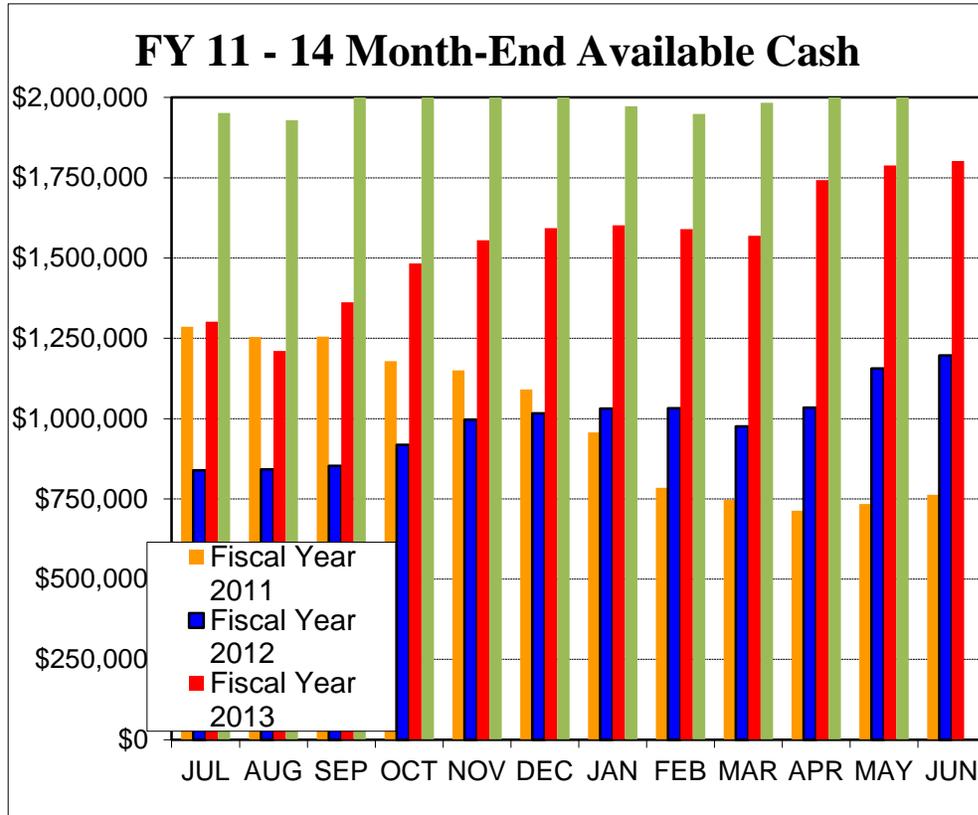
Statement of Revenues and Expenditures

Class	Budget	Fiscal Year To Date	YTD as a % of Budget	Remaining Budget	Projected for Remainder of Year	Projected Year End Totals	Projected Total as a % of Budget
Revenues:	3,762,000	3,371,076	89.6%	390,924	375,727	3,746,803	99.6%
Expenditures							
Personnel:	2,614,000	2,330,349	89.1%	283,651	194,196	2,524,545	96.6%
Operating:	695,000	621,360	89.4%	73,640	52,950	674,311	97.0%
Capital:	100,000	66,170	66.2%	33,830	86,830	153,000	153.0%
Total Expenditures	3,409,000	3,017,880	88.5%	391,120	333,976	3,351,856	98.3%
Net for FY 2014	353,000	353,195			41,752	394,947	

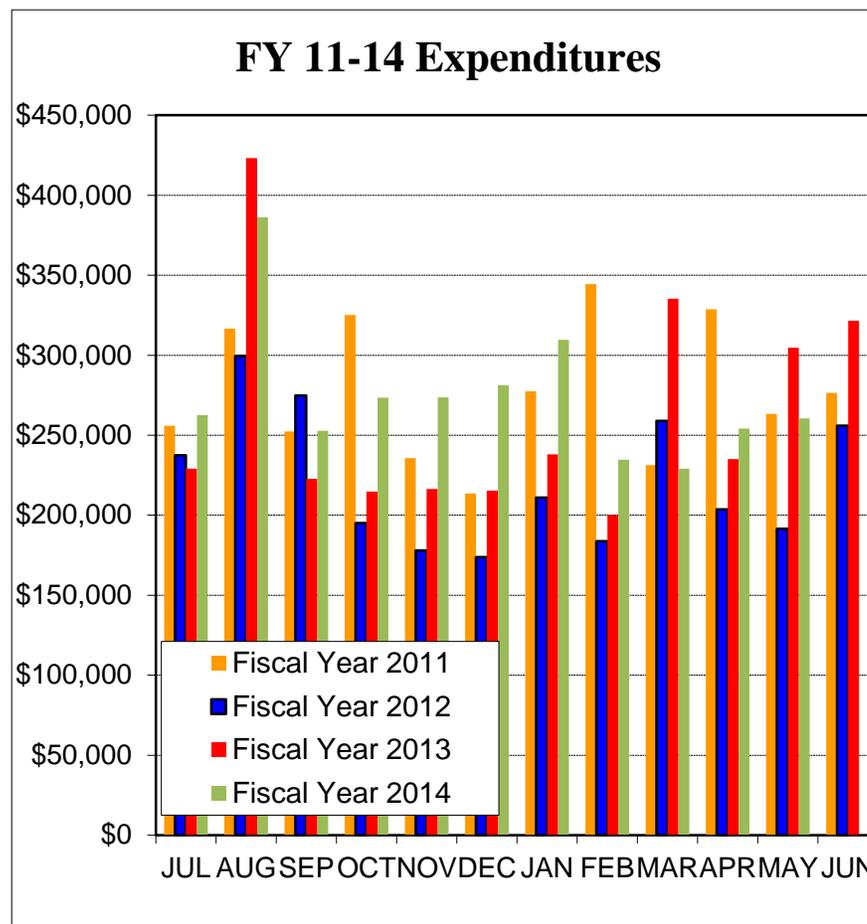
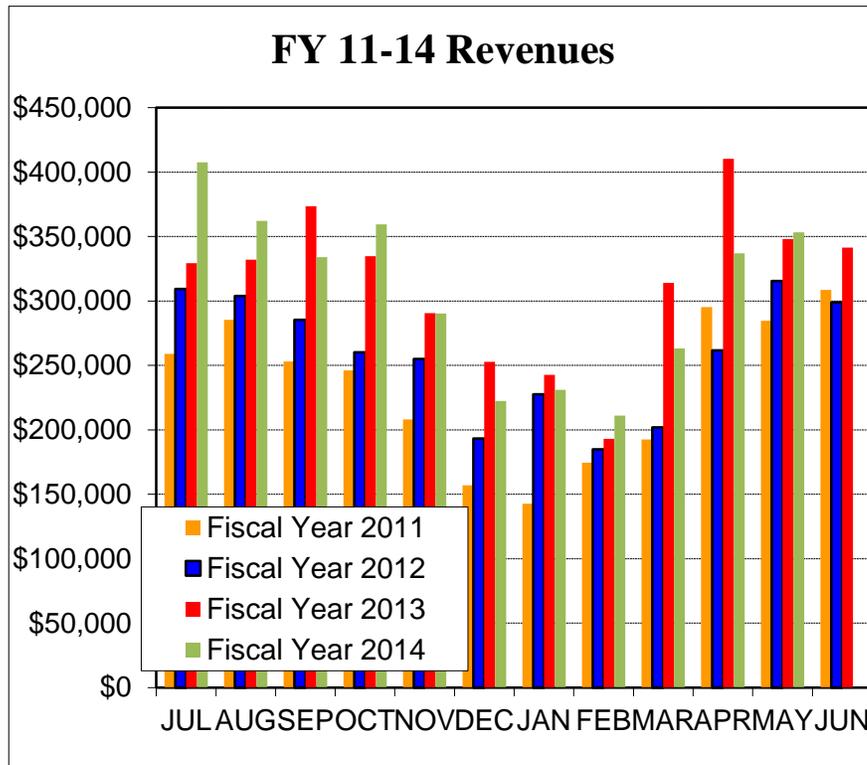
Statement of Cash Balance

July 1, 2013 Beginning Cash Available	Fiscal Year to Date Revenues	Fiscal Year to Date Expenditures and Encumbrances	Other Changes in Cash	Available Cash as of May 31, 2014	Projected Change in Cash for Remainder of Year	Projected Year End Available Cash
1,802,226	3,371,076	(3,017,880)	7,964	2,163,385	41,752	2,205,137

# ELECTRICAL BOARD FUND 0229-01



# ELECTRICAL BOARD FUND 0229-01



# IDAHO ELECTRICAL BOARD

**Agenda Item No. 13b**

**Administrator**

**PRESENTER:** C. Kelly Pearce, Administrator

---

**OBJECTIVE:** Provide an overview of the Division's current activities.

---

**ACTION:** Informational

---

**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

---

**PROCEDURAL  
HISTORY:**

---

**ATTACHMENTS:** No documentation

---

