

# Meeting Minutes: Board of Electricity

Date: Oct. 8, 2024  
Time: 9:00 a.m.  
Location: DLI, 443 Lafayette Road No., St. Paul, MN 55155 | WebEx | Phone

## Members Present

1. Keith Colvard – WebEx
2. Thomas Fletcher
3. Sarah Gudmunson
4. Steve Haiby
5. Jeff Heimerl – WebEx
6. Duane Hendricks (Chair) – WebEx
7. Dean Hunter (CO’s Designee)
8. Travis Thul – WebEx
9. Trevor Turek (Vice Chair)
10. Desiree Weigel (Secretary)

## Members Absent

Alfreda Daniels Juasemai  
Cole Funseth

## DLI Staff & Visitors

Jeff Lebowski (Board Counsel)  
Lyndy Logan (DLI)  
Daniel Becker (DLI) – WebEx

## DLI DLI Staff & Visitors continued...

Krystle Conley (DLI) – WebEx  
Steve Dudley (DLI)  
Todd Green (DLI)  
Hannah Mardaus (DLI) – WebEx  
John McNamara (DLI)  
Greg Metz (DLI)  
Sean O’Neil (DLI)  
Jess Duncan (MNESTA)  
Jon Boesche (MNABC) – WebEx  
Chad Kurdi (Electrical Assoc.) – WebEx  
Greg Newson (Entegris) – WebEx  
Nick Erickson (Housing First)  
Mike Miller (Electrical Assoc.) – WebEx  
Ryan SanCartier (NECA)  
Felica Savage (Savage Licensing) – WebEx  
Andy Snope (IBEW)  
Gary Thaden (NECA)  
John Williamson – WebEx

## 1. **Call to Order**

- A. **Roll Call:** Chair Hendricks called the meeting to order at 9:03 a.m. Secretary Weigel took roll call and a quorum was declared with 10 of 12 voting members.
- B. **Announcements/Introductions – Chair Hendricks**
  - Everyone present in person and remotely can hear all discussions.
  - All votes will be taken by roll call if any member is attending remotely.
  - All handouts discussed and WebEx instructions are posted on the [Board’s website](#).
- C. WebEx instructions/procedures were explained.

## 2. **Approval of Meeting Agenda**

A motion was made by Turek, seconded by Heimerl, to approve the agenda as presented. The vote was unanimous with 10 votes in favor of the motion; the motion carried.

## 3. **Approval of Previous Meeting Minutes**

A motion was made by Fletcher, seconded by Haiby, to approve the July 9, 2024, regular meeting minutes as presented. The vote was unanimous with 10 votes in favor of the motion; the motion carried.

## 4. **Regular Business**

- A. **Expense Approval** – Expense reports will be forwarded to Financial Services for payment.
- B. **Enforcement & licensing update** – Sean O’Neil
  - Electrical Enforcement Actions can be found on the department’s website at: <http://www.dli.mn.gov/business/electrical-contractors/electrical-enforcement-actions>.

- **Licensing Unit/License & Registrations**

○ Electrical contractors	2,650
○ Registered employers	473
○ Technology systems contractors	857
○ Master electricians	6,457
○ Journeyworker electricians	11,731
▪ Dual licensure (AM/AJ)	2,696
○ Registered unlicensed electricians	14,567
○ Power limited technicians	4,067
○ Registered unlicensed PLT	5,564

- Exams administered in CY 2024 (to date) by Licensing staff – **7,048**
- Exams administered ELE specific in CY 2024 – **1,794** (25% of all exams)
- Master (**409**), journey worker (**1,167**), power limited technician (**207**)

- **Enforcement Unit**

- Active electrical investigations 139
- Orders issued to date (CY) 118
  - Suspension orders for child support deficiencies are not posted
- **Investigations closed 128**

- Heimerl asked what the passing rate is and O’Neil responded that he didn’t include the passing rate because they were having some trouble extracting accurate numbers but he will provide it for future meetings.
- Heimerl asked who can file an enforcement complaint, whether anyone is barred from filing, and how the process works. **O’Neil said that anyone can file a complaint.** The complaint can be submitted online via their iMS portal, the most efficient way, or mailed in. Complaints are received from a variety of different sources – the department’s electrical unit, homeowners, municipal building officials, and other stakeholders. The complaint is reviewed by O’Neil or the Enforcement supervisor to ensure it falls within their jurisdiction and then it is assigned to an investigator. When an investigation is closed down, the complainant is updated on how the department handled the enforcement action, whether violations were substantiated, and how the complaint concluded. If the enforcement investigation concludes with an enforcement action being taken, that action is also shared with the complainant and the subject of our investigation. All complaints are treated the same.
- Heimerl asked what the 128 investigations closed means and O’Neil said this represents the number of electric-specific investigations that concluded year to date. That number also includes some investigations that were opened in the previous calendar year. Some of these did not conclude in enforcement investigation, sometimes they are able to work matters out informally with licensees.
- Heimerl asked if there is any type of timeline as to how quickly these things can proceed. O’Neil said there is not a timeline, each investigation is unique. Depending on the complexity of the situation, it may take a few months for an investigator to wrap up an investigation. Other complaints can wrap up within a few days, it depends on the nature of the investigation.
- Heimerl asked if O’Neil is seeing an uptick in electrical complaints and investigations as the [department] transitions to state employees. O’Neil said they do anticipate an uptick in electrical complaints and investigations due to that transition. They will be hiring another enforcement investigator and their sole duty will be electrical investigations.

- Heimerl asked O’Neil about the enforcement action for ratios and unlicensed workers, stating that he asked him previously if anyone was barred but that O’Neil didn’t answer his question. He is concerned because is being told that certain folks are calling down there [Enforcement Unit] and are being told that it isn’t their job to enforce the industry and this is a little concerning to him. Is there some type of type of pause on enforcement right now as [the department] transitions to inspectors becoming state employees? O’Neil said no, there is no pause on enforcement actions as this transition is taking place.
- Hendricks asked if there is a time limit to file a complaint. O’Neil said no, there is not a time limit.
- Weigel asked if someone could submit a complaint anonymously and O’Neil said yes; however, this can prevent them from doing a full investigation because they aren’t able to disclose that person’s identity.

C. **Inspection update** – Dean Hunter – see **Attachment A**.

- Hunter summarized his handouts and said that they are currently conducting interviews for electrical inspectors.
- Heimerl asked Hunter if there were any diversity goals in their hiring process. He explained that he was asking because he noticed on the State’s inspector list on the department’s website that it appears most are common male names, at least for the area representatives. He didn’t notice any females so he would like to know if there are any kind of diversity goals or status for these positions. Hunter said the department has an open-door policy. They look at all applicants. As part of the hiring process, in addition to the interview, they look at proximity as to where somebody lives and experience. They don’t care if the candidate is male, or female, or about their racial or ethnic background. They only want the best candidates.
- Heimerl said as the department continues to hire state inspectors, under the umbrella of you and your office as the chief electrical inspector, do you anticipate that the inspectors will be catching violations as well as performing routine inspections? Hunter replied, yes, the hope is that eventually, the virtual inspection platform will be enough to allow our inspectors more time in the field. Much of the impact will depend on the community. Where certain communities are built out, the projects tend to be smaller, so the impact of virtual inspections will be greater. In these areas where there are smaller projects and less new housing construction, the virtual inspections will continue to expand and allow our 40-hour-a-week employees to be able to do a better job enforcing the licensing laws as opposed to having to run from job to job.
- Heimerl said the virtual inspection program seems pretty limited right but appears to be successful on a limited basis. Does Hunter see expansion into larger-scale inspections from the virtual aspect? Hunter said they are trying to limit the inspections and they are doing that on purpose. They don't want to replace boots on the ground because the level of inspections plus the dialogue and presence in the field is very important to their stakeholder groups. It's important for licensing. The department will never eliminate boots on the ground. As far as the expansion goes, the reason why they want to stay with the smaller projects is because they want to make sure they are doing an adequate job. The virtual electrical inspection program is only designed for small projects where it saves field inspectors time and the department money. The idea is to eliminate those 30-minute drives for a 5-minute inspection. That's why the program exists, not to replace the field inspector.
- Heimerl said he knows that it is a new program and just getting off the ground but he is hearing some rumbling in the industry about some of the inefficiencies of the virtual inspection, like hours wasted

on job sites and things like that. As it evolves, it will get better and as those inspectors get more used to it, it'll probably be a more efficient system.

- Haiby asked how many virtual electrical inspectors the department has and Hunter replied that they will have seven by the end of the year. Haiby said he has heard only good things about the virtual electrical program.

## 5. Special Business

### A. CCLD Division update – Todd Green

**CCLD Fee Change Proposals:** CCLD proposes increasing fees for the following programs to align with the costs of each program's services.

Unit	Year of last fee change
Electrical Inspections	2007
Plumbing Inspections	2013
Boiler & Pressure Vessel Registrations	2005
Plumbing Plan Review	2007
Manufactured Structures	2008
Elevator Operating Permits	2007

### Proposed Electrical Fee Changes

- \$25 permit application fee
- \$25 flat virtual inspection fee
- Increase the minimum field inspection fee from \$35 to \$55
- Increase existing circuit fee from \$6/per to \$12/per.

These proposed changes would increase the electrical inspection fees for a new single-family home from \$135 to \$225. The fees for electrical contractors who use the virtual inspection program for a project of 3 circuits or less would be \$50. The fee for contractors who decline the virtual inspection option would be \$80 for an in-person inspection.

***Thomas Fletcher departed the meeting at 9:50 a.m. resulting in 9 voting members.***

### B. Energy Code update – Greg Metz (see [presentation](#))

- Weigel asked if the department was doing anything to require ballers or any type of protection for car chargers. Metz said they haven't but they can certainly include that, it wouldn't be a problem to include requiring ballers to protect equipment. Weigel said she was curious about trying to make everything uniform because she works at the U of M doing enforcement there. She has been getting a little pushback about putting ballers in place and then trying to figure out when it's required and all that. Metz said they haven't unpacked that yet, but they'll consider that.

### C. 2026 NEC update – Dean Hunter

- The second draft meeting will be held in two weeks. Comments were received through the end of August. The task groups wrapped up last night and those submittals must be submitted by Oct. 8, 2024. Hunter will continue to update the Board.

- D. **Virtual electrical inspections – John McNamara**
  - McNamara gave a demonstration of CCLD’s virtual electrical program – for more information, please visit <https://www.dli.mn.gov/ERVI>. Inspectors perform approximately 2,000 virtual electrical inspections each month and most are voluntary participation. Contractors are getting used to the program and many are repeat customers because they realize the savings/benefits.
- E. **NERA Annual meeting update – Steve Dudley (see Attachment B)**

*Travis Thul departed the meeting at 10:35 a.m. resulting in 8 voting members present.  
Thomas Fletcher rejoined the meeting via WebEx at 10:45 a.m., resulting in 9 voting members.*

**6. Committee Reports**

Construction Codes Advisory Council – Hendricks (rep) / Daniels (alt) – [Presentation July 30, 2024](#)

**7. Complaints and Correspondence**

None

**8. Open Forum**

None

**9. Board Discussion**

**10. Announcements**

Regularly scheduled meetings occur on the second Tuesday of each quarter at 9:00 a.m., in person at DLI with WebEx/Phone options

- Jan. 14, 2025

**11. Adjournment**

A motion was made by Haiby, seconded by Colvard, to adjourn the meeting at 10:50 a.m. The roll call vote was unanimous with 9 votes in favor of the motion; the motion carried.

Respectfully Submitted,

*Desiree Weigel*

Desiree Weigel, Secretary

**Green meeting practices**

The State of Minnesota is committed to minimizing environmental impacts by following green meeting practices. DLI is minimizing the environmental impact of its events by following green meeting practices. DLI encourages you to use electronic copies of handouts or to print them on 100% post-consumer processed chlorine-free paper, double-sided.



## Electrical Permit and Inspection History

### State Inspection Areas

CALENDAR YEAR	Permit Information			Inspection Information		
	Total Permits Issued	Permits Completed	Permits Closed but Not Finaled	Final "Final" Insp.*	All other Insp.**	Total Inspections
2021	130,192	128,558	8,396	117,173	60,658	177,831
2022	138,027	132,152	7,868	121,890	61,189	183,079
2023	132,490	114,626	5,898	128,391	62,964	191,355
2024	97,934	55,351	1,410	87,327	53,801	141,128

The "**Permit Information**" and the "**Inspection Information**" do not necessarily represent the same permits. The "Permit Information" represents permits issued that Calendar Year. The "Inspection Information" represents the inspections performed that calendar year. The inspections may be for permits that were issued in previous calendar years.

**"Total Permits Issued"** means the permits Issued in the calendar year indicated. Includes permits in status (milestone) 'Abandon', 'Closed', 'Expired', 'Finaled', 'Issued', or 'Hold'. Does not include any other milestone such as "Out of state Inspected Area", "Refunded", etc.

**"Permits Completed"** means the "Total Permits Issued" for the calendar year, this is the number of permits placed into 'Closed', 'Expired', 'Abandon', or 'Finaled' status .

**"Permits Closed but Not Finaled"** means of the "Permits Completed" for the year, this is the number of those permits placed by procedural policy into 'Closed', 'Expired', or 'Abandon' status .

**"Final "Final" Insp."** represents the number of inspections completed that calendar year that caused the permits to be placed into "Finaled" status or milestone. The permits were not necessarily issued that year.

**"All other Insp."** represents the number of inspections completed that calendar year that did not result in a ""Finaled" status or milestone. The permits were not necessarily issued that year.

**"Total Inspections"** represents the total (Finals and Others) number of inspections completed that calendar year. The permits were not necessarily issued that year.

# Electrical Permits Issued Summary

Issued from 1/1/2024 to 9/23/2024

ELE Permit Type	New Structure or Existing and/or Other Assoc. Items	Number of Permits Issued	% of Permit Type	% of Total
Multi-Family Dwelling	Existing Building or Other Items	1,510	93.09%	1.56%
	New Building	112	6.91%	0.12%
	<b>Total</b>	<b>1,622</b>		1.68%
Non-Dwelling	<b>Total</b>	<b>20,971</b>		21.68%
One-Family Dwelling	Existing Dwelling or Other Items	49,437	87.19%	51.10%
	New Dwelling	7,261	12.81%	7.51%
	<b>Total</b>	<b>56,698</b>		58.61%
One-Family Home (Homeowner Issued Permit)	Existing Home or Other Items	5,053	80.81%	5.22%
	New Home	1,200	19.19%	1.24%
	<b>Total</b>	<b>6,253</b>		6.46%
Technology Systems	<b>Total</b>	<b>665</b>		0.69%
Transitory (Carnival, etc.)	<b>Total</b>	<b>1,388</b>		1.43%
Two-Family Dwelling	Existing Building or Other Items	417	85.80%	0.43%
	New Building	69	14.20%	0.07%
	<b>Total</b>	<b>486</b>		0.50%
Utility Load Management Device	New Device	511	5.90%	0.53%
	Replacement Device	8,149	94.10%	8.42%
	<b>Total</b>	<b>8,660</b>		8.95%
<b>Total</b>		<b>96,743</b>		

Total Active	Date Range Activity			Issued Permits	Aging of Expired Permits			
Current Count	IN Count	OUT Count	Net Change Count	< 12 Months Count	12-18 Months Count	18-36 Month Count	> 36 Months Count	> 12 Months Count
68,628	98,241	102,079	(3,838)	51,400	7,413	7,744	1,445	16,602
Percentage of Current Active Permits								
	143%	149%	-6%	75%	11%	11%	2%	24%

	<u># of Inspections Performed</u>	<u>Inspection Reports</u>	<u>AFBs</u>	<u>Refunds</u>	<u>License Checks</u>	<u>Violation Reports</u>
For Date Range:	141,949	16,597	15,260	4,958	964	0
Year to Date Total:	141,949	16,597	15,260	4,958	964	0

**“Total Active”**: The total current active permits ("Issued", "Expired" or "Hold" status).

**“Date Range Activity”**: The permits that were Issued and permits closed out and the net change for the selected date range.

**“Issued Permits”**: Represents the number of permits that are currently less than 12 months old.

**“Expired Permits”**: Permits for installations filed with inspection fees of \$250 or less are void 12 months from the original filing date regardless of whether the wiring is completed. Permits filed with inspection fees of \$250 or less are not refundable after 12 months from the original filing date. The authority to install electrical wiring associated with a specific permit is void at the time of a final inspection or expiration, whichever occurs first. The authority to inspect wiring covered by a permit continues until the installation is approved at a final inspection.

**“Aging of Expired Permits”**: Represents the age of expired permits that are still active. This does not include any permits that have a value over \$250.

**“For Date Range:”** Represents the numbers in the respective columns during that date range. Violation reports are yet to be counted by this report.

**“Year to Date Total:”** Represents the numbers for the calendar year beginning January 1st.

**“%”**: Represents the percentage compared to "Current".

**“AFBs”**: Additional Fees for Billings (invoices for inspection fee shortages)



Permit Type Type of Dwelling or Non-Dwelling	Permit Variant Dwelling New or Existing	Solar Systems Grouped by Size	No of permits	Percentage of Group
Multi-Family Dwelling			25	0.76% Of Total
	Existing Building or Other Items		23	92.00% of Type
		10K or <	6	26.09% of Variant
		10K to 40K	11	47.83% of Variant
		40K to 1 meg	6	26.09% of Variant
	New Building		2	8.00% of Type
		10K to 40K	1	50.00% of Variant
Unknown		1	50.00% of Variant	
Non-Dwelling			433	13.17% Of Total
	Non-Dwelling		433	100.00% of Type
		1 Meg to 5 Meg	1	0.23% of Variant
		10K or <	85	19.63% of Variant
		10K to 40K	247	57.04% of Variant
		40K to 1 meg	74	17.09% of Variant
		Unknown	26	6.00% of Variant
One-Family Dwelling			2,725	82.85% Of Total
	Existing Dwelling or Other Items		2,675	98.17% of Type
		10K or <	1,731	64.71% of Variant
		10K to 40K	815	30.47% of Variant
		40K to 1 meg	8	0.30% of Variant
		Unknown	121	4.52% of Variant
	New Dwelling		50	1.83% of Type
		10K or <	19	38.00% of Variant
10K to 40K		23	46.00% of Variant	
40K to 1 meg		1	2.00% of Variant	
	Unknown	7	14.00% of Variant	
One-Family Home (Permit Issued to Homeowners)			90	2.74% Of Total
	Existing Home or Other Items		76	84.44% of Type
		10K or <	34	44.74% of Variant
		10K to 40K	31	40.79% of Variant
		40K to 1 meg	1	1.32% of Variant
	Unknown	10	13.16% of Variant	

Solar Systems Grouped by Size	No of permits	% of Total
1 Meg to 5 Meg	1	0.03%
10K or <	1,900	57.77%
10K to 40K	1,131	34.39%
40K to 1 meg	90	2.74%
Unknown	167	5.08%
<b>Total</b>	<b>3,289.00</b>	

Solar Systems Grouped by Size	Watts	% of Total
1 Meg to 5 Meg	5,750,000	6.56%
10K or <	11,617,193	13.25%
10K to 40K	22,261,156	25.39%
40K to 1 meg	48,055,050	54.81%
Unknown	Unknown	
<b>Total</b>	<b>87,683,399</b>	
<b>Average</b>	<b>28,086</b>	

One-Family Home (Permit Issued to Homeowners)	New Home		14	15.56% of Type
		10K or <	11	78.57% of Variant
		10K to 40K	1	7.14% of Variant
		Unknown	2	14.29% of Variant
Two-Family Dwelling			16	0.49% Of Total
	Existing Building or Other Items		16	100.00% of Type
		10K or <	14	87.50% of Variant
		10K to 40K	2	12.50% of Variant
Total			3,289	

Permit Type Type of Dwelling or Non-Dwelling	Permit Variant New or Existing	Solar Systems Grouped by Size	No of permits	Percentage of Group	Solar Systems Grouped by Size	No of permits	% of Total	
Multi-Family Dwelling			22	0.68% Of Total	1 Meg to 5 Meg	3	0.09%	
	Existing Building or Other Items		17	77.27% of Type	10K or <	1,916	58.92%	
		10K or <	3	17.65% of Variant	10K to 40K	947	29.12%	
		10K to 40K	10	58.82% of Variant	40K to 1 meg	98	3.01%	
		40K to 1 meg	1	5.88% of Variant	Not Given	4	0.12%	
		Unknown	3	17.65% of Variant	Unknown	284	8.73%	
	New Building		5	22.73% of Type	Total	3,252.00		
		10K or <	2	40.00% of Variant	Solar Systems Grouped by Size	Watts	% of Total	
		40K to 1 meg	3	60.00% of Variant	1 Meg to 5 Meg	61,365,000	46.73%	
	Non-Dwelling			455	13.99% Of Total	10K or <	10,469,552	7.97%
Non-Dwelling			455	100.00% of Type	10K to 40K	19,959,685	15.20%	
		1 Meg to 5 Meg	3	0.66% of Variant	40K to 1 meg	39,519,034	30.10%	
		10K or <	79	17.36% of Variant	Not Given		0.00%	
		10K to 40K	260	57.14% of Variant	Unknown	Unknown		
		40K to 1 meg	73	16.04% of Variant	Total	131,313,271		
		Not Given	1	0.22% of Variant	Average	44,303		
		Unknown	39	8.57% of Variant				
One-Family Dwelling				2,652	81.55% Of Total			
		Existing Dwelling or Other Items		2,528	95.32% of Type			
	10K or <		1,708	67.56% of Variant				
	10K to 40K		588	23.26% of Variant				
	40K to 1 meg		20	0.79% of Variant				
	Not Given		3	0.12% of Variant				
	Unknown		209	8.27% of Variant				
	New Dwelling		124	4.68% of Type				
		10K or <	57	45.97% of Variant				
		10K to 40K	62	50.00% of Variant				
Unknown		5	4.03% of Variant					
One-Family Home (Permit Issued to Homeowners)			120	3.69% Of Total				
	Existing Home or Other Items		100	83.33% of Type				
		10K or <	50	50.00% of Variant				
		10K to 40K	26	26.00% of Variant				
		40K to 1 meg	1	1.00% of Variant				

One-Family Home (Permit Issued to Homeowners)	Existing Home	Unknown	23	23.00% of Variant
	New Home		20	16.67% of Type
		10K or <	15	75.00% of Variant
		10K to 40K	1	5.00% of Variant
		Unknown	4	20.00% of Variant
Two-Family Dwelling			3	0.09% Of Total
	Existing Building or Other Items		3	100.00% of Type
		10K or <	2	66.67% of Variant
		Unknown	1	33.33% of Variant
Total			3,252	

Permit Type Type of Dwelling or Non-Dwelling	Permit Variant New or Existing	Solar Systems Grouped by Size	No of permits	Percentage of Group	Solar Systems Grouped by Size	No of permits	% of Total
Multi-Family Dwelling			38	1.57% Of Total	1 Meg to 5 Meg	3	0.12%
	Existing Building or Other Items		33	86.84% of Type	10K or <	1,375	56.72%
		10K or <	2	6.06% of Variant	10K to 40K	704	29.04%
		10K to 40K	27	81.82% of Variant	40K to 1 meg	100	4.13%
		40K to 1 meg	4	12.12% of Variant	Not Given	4	0.17%
	New Building		5	13.16% of Type	Unknown	238	9.82%
		10K to 40K	2	40.00% of Variant	Total	2,424.00	
40K to 1 meg		3	60.00% of Variant				
Non-Dwelling			366	15.10% Of Total	Solar Systems Grouped by Size	Watts	% of Total
	Non-Dwelling		366	100.00% of Type	1 Meg to 5 Meg	57,630,240	44.28%
		1 Meg to 5 Meg	3	0.82% of Variant	10K or <	7,246,471	5.57%
		10K or <	91	24.86% of Variant	10K to 40K	13,800,733	10.60%
		10K to 40K	171	46.72% of Variant	40K to 1 meg	51,482,125	39.55%
		40K to 1 meg	84	22.95% of Variant	Not Given		0.00%
		Not Given	1	0.27% of Variant	Unknown	Unknown	
		Unknown	16	4.37% of Variant	Total	130,159,569	
			Average	59,651			
One-Family Dwelling			1,950	80.45% Of Total			
	Existing Dwelling or Other Items		1,866	95.69% of Type			
		10K or <	1,193	63.93% of Variant			
		10K to 40K	455	24.38% of Variant			
		40K to 1 meg	9	0.48% of Variant			
		Unknown	209	11.20% of Variant			
	New Dwelling		84	4.31% of Type			
		10K or <	54	64.29% of Variant			
10K to 40K		27	32.14% of Variant				
			3	3.57% of Variant			
One-Family Home (Permit Issued to Homeowners)			63	2.60% Of Total			
	Existing Home or Other Items		46	73.02% of Type			
		10K or <	17	36.96% of Variant			
		10K to 40K	19	41.30% of Variant			
		Not Given	2	4.35% of Variant			
			8	17.39% of Variant			

One-Family Home (Permit Issued to Homeowners)	New Home		17	26.98% of Type
		10K or <	11	64.71% of Variant
		10K to 40K	3	17.65% of Variant
		Not Given	1	5.88% of Variant
		Unknown	2	11.76% of Variant
Two-Family Dwelling			7	0.29% Of Total
	Existing Building or Other Items		7	100.00% of Type
		10K or <	7	100.00% of Variant
Total			2,424	

# 2024 NERA Meeting

The National Electrical Reciprocal Alliance (NERA) meeting was hosted by Montana and held in Helena this year. The meeting was on August 20 and 21, with Kelly Welsh of Montana as the Chair. NERA consists of 18 member states with a mission to encourage similar regulations, without lessening the regulations of each member state, but trying to maintain some level of consistency to promote reciprocal agreements with states that have similar requirements.

The states that attended this meeting were:

- Alaska – Scott Demerow
- Idaho – Amy Lorenzo
- Iowa - Brian Young
- Minnesota – Steve Dudley
- Montana – Kelly Welsh
- Nebraska – Craig Thelen
- North Dakota – James Schmidt (virtually)
- Oklahoma – Ron Morris (virtually)
- South Dakota – Pam Overweg
- Texas – Larry Reichle
- Wisconsin – Garry Krause

Topics of discussion:

- 2026 first draft report with Tim McClintock
- Update on each state
  - Amendments to the NEC
  - Exam passing score
  - Hours to qualify to examine for the journeyworker license
  - Continuing education hours
  - Red Tape Initiative/Relief/Reduction
    - Montana
    - North Dakota
    - Iowa
    - Idaho
- Virtual inspections
- Electronic licensing and permitting software
  - eTRAKiT
  - GeoCivix
  - Thentia
  - Salesforce\*
  - iMS\*
- NERA Membership
  - Vermont was voted in as a member in February. They are reciprocal with New Hampshire
  - North Carolina attended virtually during part of the meeting and would like to join

## 2024 NERA Meeting

- Reach out to states that did not participate in this meeting
- Bylaw changes
  - Allow to attend the annual in person meeting virtually
    - Only under special circumstances
  - Clean up antiquated language
- Inspection requirements
- Quarterly virtual meetings
- Idaho to host in 2025