

- 56475 Peppermint Road, South Bend, IN 46619
- Telephone: 574-287-8655 Fax: 574-233-5234
- Website: www.ibew153.com
- Active Membership: 970
- Serving the IBEW Local 153 Six County Area

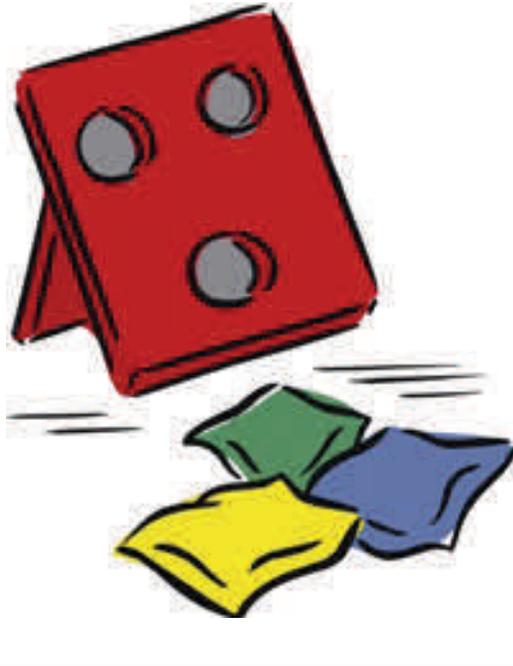
April 2017

THE 153 METER

H.E.L.P. 153 Raffle

(Helping Electricians Live Properly)

HELP 153 will be raffling off a custom IBEW Local 153 cornhole game made and donated by a 153 member. When all tickets are sold a drawing will be held at the following Union meeting. \$10 each ticket. Need not be present to win. Tickets available at the Hall.



Inside this issue:

5 Announcements & Events	1 & 2
Business Manager Report-Bill Haase	3
Asst. Business Manager Report-Stan Miles	4
President's Report-Mike Leda	4 & 5
Training Coordinator's Page-Steve Egyed	5
Tech Corner-Jim Overmyer	6

Rebuilding Together

The work day for the Rebuilding Together Project in South Bend, Indiana is scheduled for **Saturday, April 8, 2017**. There will be a breakfast meeting to hand out work assignments and t-shirts. Lunch will be provided, as well as an "after" party. Please contact the hall to sign-up to help "Make our Community Brighter!"

D.A.D.'s* Day Poker Run

*Dollars Against Diabetes

On **Saturday June 17, 2017**, the St. Joseph Valley Building Trades will host the Dollars Against Diabetes (D.A.D.'s) Day Poker Run and Fund Raiser. This Motorcycle Run and Fund Raiser will start and end at the VFW Post 360 (Jefferson in Mishawaka). There will be lots of cash prizes and giveaways. Come join the fun and help raise money to fight diabetes. First bike out at 10:00am-Last bike back by 5:00pm. For more information call (574) 23-BUILD or go to "Special Events" at www.SJVBT.com.

IBEW 153 Night at Four Winds Field

The IBEW Local 153 Night at the Cove is scheduled for **Friday, July 14, 2017**. There will be a picnic prior to the game and fireworks following the game. The cost is \$10.00 per adult/\$5 per child (10 and under). Included is an all-you-can eat picnic at 6:00pm, reserved ticket seating, a free hat coupon. Game time is 7:35pm against the Quad Cities River Bandits. Get your tickets and wristbands at the Union Hall. Limit 12 tickets per person!

Births

Blaine & Allison Kertes

Daughter, born February 15, 2017
 Her name is Bella Victoria
 Weight: 7lbs 0 oz
 Length: 21 inches

Aaron & Kathleen Hassinger

Son, born January 26, 2017
 His name is Layten Briar
 Weight: 6lbs 11oz
 Length: 20.5 inches

We will gladly list the birth of your children and grandchildren. Please contact the Union Hall with your information.

Deaths

James “Bud” Duxbury

Retired JIW, initiated January 24, 1956
 February 9, 1931– March 4, 2017

Retiree Breakfast with Spouse Invited

DATE: May 3, 2017
 PLACE: Union Hall
 56475 Peppermint Road
 South Bend, IN 46619
 TIME: 9:00A.M.
 Call the Hall to make your reservation
 At 574-287-8655 or 800-986-1054.

We hope to see you there!

Humana will be here to answer questions for those that have them. They will not be doing a formal presentation. It is very important that we know how many will be attending to properly prepare for the amount of food that will be required. With that being said, **please call on or before April 24th**. There will be no Anthem reps here for anyone under 65. This means you have to be on Medicare.

Congratulations to Our Recent Retirees

◆ Wesley Street

IBEW Local 153 Picnic

Date: Saturday, August 19, 2017
Time: 12:00pm - 5:00pm
 Food served at 1:00pm
Place: Potawatomi Park Pavilions 3 & 4
Address: 500 S. Greenlawn Ave.
 South Bend, IN

Mark your calendar for this year's annual picnic. The Local will provide the main dish, beverages, and table service. Everyone is asked to bring a side dish to share (in a disposable container for easy clean-up!) There will be admission tickets available at the picnic for entry to the zoo. Mark your calendar for a day of family fun and fellowship!

Course Title & Dates

CPR/ 1 st Aid	2 nd Tues. + Thurs. 5:30 PM
OSHA 10 Hour	email for online voucher
OSHA 30	Fall 2017
BICSI	Spring 2017
Trouble Shooting	In development
ICRA	Spring 2017
Photovoltaics	April 1 st
Rigging & Lifting	May 1 st

Call 574-233-1721 to reserve your seat. Some classes are limited in size.

For other classes visit: JATC153.com

URGENT: Information Update

Please keep your personal information up to date with the Union Hall, including your home and cell phone numbers, mailing address, and email and “in case of emergency contacts.” You may call the hall or email your information to mhan@ibew153.com

KRASL ART FAIR

ON THE BLUFF

IBEW 153 and IBID County Electric have jointly committed to performing the electrical work needed for the Krasl Art Fair in St. Joseph, Michigan beginning July 6th, 7th, 8th and 9th. Volunteers are needed for this event please contact Bill at 800-986-1054 or 574-532-9995

BUSINESS MANAGER REPORT

Bill Haase

The Preamble to the first Constitution included the goals which motivated our founders and the far-reaching, sensible, unselfish Objects which have been retained, except for slight changes in language, by every Convention of the IBEW: "The objects of the International Brotherhood of Electrical Workers are: to organize all workers in the entire electrical industry in the United States and Canada, including all those in public utilities and electrical manufacturing, into local unions; to promote reasonable methods of work; to cultivate feelings of friendship among those of our industry; to settle all disputes between employers and employees by arbitration (if possible); to assist each other in sickness or distress; to secure employment; to reduce the hours of daily labor; to secure adequate pay for our work; to seek a higher and higher standard of living; to seek security for the individual; and by legal and proper means to elevate the moral, intellectual and social conditions of our members, their families and dependents, in the interest of a higher standard of citizenship."

When is the last time you read these 11 objectives? I had the chance at some recent training to re-examine them. Are we the Brotherhood of IBEW 153 living up to these worthy goals?

1. To organize all workers in the entire electrical industry in the United States and Canada, including all those in public utilities and electrical manufacturing, into local unions: 153 has a full time Membership Development Agent that reviews upcoming projects; goes out and meets with workers both union and non-union. How did they organize in the early days of the IBEW? There was no Apprenticeship Committee to supply those contractors with skilled manpower. The Apprentice system as we know it was not established until the 1940's. Not all electricians working in the field have gone through an apprenticeship.

2. To promote reasonable methods of work: What does this mean? To use the most reasonable and safe methods of work. Compared to 1891 I believe that work is safer and easier to perform. I have seen the introduction of scissor lifts and battery powered tools that definitely make it easier.

3. To cultivate feelings of friendship among those of our industry: IBEW 153 has the yearly Picnic and the night at Four Winds Field to name a few.

4. To settle all disputes between employers and employees by arbitration (if possible): IBEW 153 has a grievance procedure and in most contracts we have the Council of Industrial Relations (CIR).

5. To assist each other in sickness or distress: IBEW 153 has a HELP Committee that meets monthly and in some cases as needed.

6. To secure employment: IBEW 153 is constantly alerting contractors to possible projects in the area, this includes our two signatory sign shops. We also contact potential customers, general contractors and Construction Managers that will have upcoming work in our area.

7. To reduce the hours of daily labor: Over the years the 40 hour week is now the norm. There are now ongoing 4-10's for some projects which give our workers a three day weekend. Overtime whether we like it or not may be necessary to attract travelers to help us through our current work load.

8. To secure adequate pay for our work: I think this one depends on who you ask. It is a balancing act when negotiating to respect the thin line between pricing ourselves out of the work in our area and getting all we can get to keep our benefits and wages strong for our membership to enjoy and prepare themselves for retirement.

9. To seek a higher and higher standard of living: IBEW 153 is active with a COPE Committee in an attempt to promote ourselves with the many diverse politicians in our area. We invite them to our office and our JATC to educate them in what we do and how we do it.

10. To seek security for the individual: I think this means do we strive to have a retirement free of relying on government assistance. IBEW 153 has for the most part several reliable retirement systems and we also have a history of taking care of the Health care needs of our retirees. This one might also depend on who you ask.

And by legal and proper means to elevate the moral, intellectual and social conditions of our members, their families and dependents, in the interest of a higher standard of citizenship: IBEW 153 and our NECA partners through our JATC allows our apprentices and journeyman to advance through our great apprenticeship system but also to achieve the beginnings of a college education. This has led some of our members to take Engineering and Business courses that lead to other occupations related to the electrical field.

Is this all IBEW 153 does? Is it enough? With your help and participation we can achieve those Objectives mentioned above and maybe go beyond. See you at the next Union Meeting!!

Bill Haase

ASSISTANT BUSINESS MANAGER REPORT

Stan Miles

Brothers and Sisters,

RETIREES BREAKFAST MAY 3, 2017 (INCLUDING SPOUSES)

On May 3, 2017, your Local Union will again be hosting its Retiree's Breakfast. It will start at 9:00 am as always. The only difference with this event is that you can bring your spouse. Humana will be here to answer questions for those that have them. They will not be doing a formal presentation. It is very important that we know how many will be attending to properly prepare for the amount of food that will be required. With that being said, **please call on or before April 24th** to let the Hall know so we can let our food vendor know. There will be no Anthem reps here for anyone under 65. This means you have to be on Medicare.

NEW SUBSIDY PLAN

The Health and Welfare Trustees have been reviewing information to set up a new plan to cover subsidizing current and future retirees. I would like to talk about our current retirees and then about future retirees. The trustees are aware of our current retirees. We know that some retirees were around before we had a Local Union Pension plan and therefore may have limited funds available. With that in mind, we discuss how things affect that group on a regular basis. Now let's talk about future retirees and their Health Insurance. The Health and Welfare trustees have been having special called trust fund meetings to discuss subsidizing future retirees. The Health and Welfare Trustees have submitted a letter to the Labor-Management Committee requesting contract language that would allow for funds to go into this new plan. It's anticipated that the new plan will begin on or around May 1, 2017 with the first contributions starting with this June's raise.

This Health & Welfare Subsidy Plan will help our current active worker population as they move into retirement. I know this process is in its infancy but we want you to be aware that something has to be done to maintain the plan. At this time, there are more questions than answers that the trustees are asking. We are trying to decide how to figure out service credits for active participation in the plan. Stay tuned for information as we move toward a solution.

Applying for reimbursement from your SBA should be easy. You can download the paperwork from the Benefits website under Health and then Forms. We also have them available at the office. You do not need to submit proof of payment.

You can check out how much you have in your SBA by accessing through your login at the Benefits website.

future. We have been blessed with an abundance of projects that will last for some time. The projects at the Casino in South Bend and the St. Joseph Energy Plant in New Carlisle continue to ramp up for manpower. The power plant in Niles, MI seems to be moving through the permitting stages. If this power plant reaches final approval then, we will need approximately 100 Michigan licensed Journeyman at its peak.

Future events are coming so mark your calendars and hope to see you there.

Rebuilding Together Trades Day	April 8, 2017
Retiree Breakfast w/Spouses	May 3, 2017
RSVP required	
DAD's Day Poker Run	June 17, 2017
IBEW Night at the Cove	July 14, 2017

There are other things that will be coming up later in the year so watch your newsletter and hope to see you there.

In Solidarity,
Stan Miles

PRESIDENT'S REPORT

Mike Leda

Members:

In my last newsletter, I had written about trustee changes to the Pension and Money Purchase Plans. Here is the list of our trust funds and the trustees of each:

Apprenticeship- Bob Klein, Michael Leda, Tye Noland and John Taylor

H & W- Chris Grove, Michael Leda, and Stan Miles

MPP- Bob Banaszak, Michael Dill, Michael Leda and Mark Navarre

Pension- Rich Erickson, Eric Grounds, Bill Haase and Michael Leda

There is a trustee opening on the H & W Fund that will be filled in the future.

The H & W trustees have a special called meeting at the end of this month to talk about the retiree insurance plan. This does not mean we are cancelling the subsidized retiree insurance coverage!

We are just trying to figure out how to pay for this subsidy for current and future retirees.

PRESIDENT'S REPORT cont

Mike Leda

Have you gone in for your yearly physical this year? We just had a member go in for his yearly checkup and his doctor heard something abnormal in his chest. The doctor sent them in to the hospital right away and found an aneurism on one of the arteries of his heart. After lifesaving surgery, the member is on his way to recovery and looking forward to getting back to work soon. The doctor told him at any time the aneurism could have burst and there would have been nothing anyone could do. Schedule your wellness check now!

The Local's NEBF man hours have reached 2,000,000 for the last 12 months. Our normal years are around 1,200,000 to 1,300,000 hours. At the time of this newsletter, we will have close to 200 travelers working in our local.

As for Monthly Membership Dues, our IBEW Constitution, ARTICLE XVIII, Sec. 1 states:

"L.U.'s shall collect dues from members either monthly or quarterly in advance."

Article X, Sec. 1 of our IBEW Local Union 153 Bylaws states:

"All assessments imposed in accordance with the IBEW Constitution and these bylaws must be paid within the time required to protect the member's continuous good standing and benefits."

In addition, Sec. 6. (e) and (f) state:

"Basic Dues are payable monthly in advance." and "The Local Union shall inform Delinquent members, by mail, on the first working day of the month of said Delinquency."

This month, March 2017, over 227 dues reminder postcards went out at \$.50 a piece, plus Deena's time. Deena also had to send out 74 billing statements to members who are in the arrears and delinquent. I am putting this in to remind members that dues need to be paid by the end of the month and are late on the 1st of the month.

We have been continuing to visit job sites so please let us know where you are working and we will try to stop by.

The EIA committee will be ordering more t-shirts at next month's meeting. If you have a design or suggestion, please send that info to me at mleda@ibew153.com so I can forward that information on to that committee.

Hope to see everyone at some of the upcoming events we have listed here in the newsletter.

With working a lot of hours, let's keep an eye out for our fellow coworkers; fatigue can set in without a person even knowing it. Also With the fast pace of jobs, and the number of hours being worked let's not forget about our safety training on the worksite! Keep an eye out for each other

so we can all go home at the end of the day.

Work Safe

Michael Leda

TRAINING COORDINATOR

Steve Egyed

We have tried to stream line the application process. Here are the highlights:

- We take applications Mon-Fri 8 to 11am, and 2nd Monday of every month 3 to 6pm
- When an applicant leaves, they will have a form in hand that will tell them; what additional documents are needed or when they are scheduled for testing or an interview.
- There are no cutoff dates. When an applicant completes a step they move on to the next. The steps are:
 - Filling out application
 - Qualifying for program
 - Pass Aptitude testing
 - Interviewing
 - Being selected
- If after 2 years from the date of filling out an application, an applicant doesn't complete a step his/her file will be purged.
- We are currently testing and interviewing every month.
- We are starting new apprentices as needed any time of year. We have already started 34 new apprentices for the 2018 school year.

Steve~

Quote of the Month

Management is doing things right; leadership is doing the right things.

Peter Drucker

Things You Should Know

The SBJATC has opened up our monthly 1st AID & CPR training to include member's immediate families and all contractors' office staff. There is NO cost for taking the classes and no extra burden to the school, because we are already putting the class on. Most importantly, the more people who have these *lifesaving* skills the better off we all are! Call, reserve your seat, and bring your spouse down to the training center.

TECH CORNER

JIM OVERMYER

This month's topic will deal with device's that allow us to control them remotely. These devices are electro-mechanical converters that convert the electrical energy provided by the source into mechanical energy, the contactor. By design, they can either move a linkage, open or close a pneumatic or hydraulic valve, close or open contacts on motor starters among many other uses. When selecting a contactor or a solenoid, we must consider some important electrical facts. Obviously the rated coil voltage is an important concern, but the pull in current and the seal in current must be researched and be a part of the purchase parameters. Suppliers will have lists of these important facts about the device. We need to know what controls these currents, so lets do that first. The electrical portion of the device is a wound coil (an inductor) and has a rating that is measured in henries, which is labeled inductance. Inductance (*the ability to store energy in an electromagnetic field*). The symbol for inductance is the capital letter L. We can use an acronym to remember the four factors that determine the inductance of a coil, and it is written as CoNTroL. Throw out the lower case letters and we will have a reminder or an acronym of the four factors that control inductance.

C= cross sectional area of the core.

N= number of turns in the coil.

T= type of core.

L= length of the coil.

The storing of energy in an electromagnetic field is directionally proportional to the number of lines of flux produced by the current in the inductor. These lines of flux also produce the CEMF that opposes the source and limits the current in the inductor to a level that will produce a strong electro-magnet, but not high enough to destroy itself. This CEMF can be figured two ways, one by the formula $X_L = 2\pi FL$ which is inductive reactance (*the opposition to current flow in an AC circuit*) and is expressed in ohms. This opposition in ohms is actually a countervoltage. The second is by the formula $CEMF(a \text{ countervoltage}) = L \times \text{the number of lines of flux}$. Either way the current is controlled by the CEMF. Let's take a shot at just what goes on inside the inductor (the coil) so that we get a better understanding. The coil has two currents, the charging or working current, and the circuit current. We have been taught that the current in an inductor lags the source by as much as 90°, due to the collapsing of the flux that surrounds the windings. This is the circuit current and does lag the source. This is where the "Vector Heads" have a problem. There is also a resistive portion of any inductor and that current will be in phase with the source, and that is the charging or working current. If not for this in phase current, there would be no flux to produce the main current limit in the device, CEMF. Check this out, as the source starts to rise from 0, the in-phase currents produce flux that cuts all the turns in the coil. Immediately a countervoltage is produced and rises as the source rises to limit the current. This CEMF is 180° out of phase with the source and opposes said source. This would not be possible without the charging current in the resistive portion of our coil. That's only half the story, as now we can deal with how the magnetic circuit influences the current. We explained how the flux affects the CEMF, but we also need good alignment of said flux lines. We need a low reluctance path (reluctance; the opposition to magnetic lines of flux) to make the device more efficient. Without the magnetic circuit, the flux is helter skelter, and cut fewer turns in the coil to build the necessary CEMF. As soon as the armature (the moving part of the magnetic circuit) moves and mates with the core (the stationary part of the magnetic circuit) we now start to cut the windings much more efficiently. Let's review, the contact is closed putting the source to the coil. This then allows current to flow in the coil, which is the pull in current. This current is much too high for the size of wire in the winding, but can stand it for a short time. This high current produces a strong magnetic force that pulls the armature into position and with the improved efficiency, the CEMF rises and the current drops to a level we can run 24/7. Today we have learned about the in-phase working current and the out of phase circuit current. At the same time we see that the magnetic circuit influences the pull in and the holding current. Cool! Many a control transformer has been ruined by installers who do not know how a contactor functions. I once saw an HVAC guy roast 2 control transformers on a roof top unit and came and got me to help out. When he connected the third, he said to me, "See the voltage is zero". I immediately killed the power and explained the VA was too low for the new contactor he had installed. The secondary current canceled the CEMF in the primary and collapsed the fields, purple haze was the result. I sent him down to purchase the proper size and went back to work. Rely on your education and apply it to your job.

JimmyO

April & May 2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 10:00am Building Trades	4	5	6 8:00am ION 4:30-6:30pm OPEN HOUSE For experienced Electricians	7	8 6:30am Rebuilding Together
9	10	11 9:00am SWM Building Trades 4:30pm EIA 5:30pm First Aid	12 4:30pm H.E.L.P. 7:00pm South Central CLC	13 4:30pm Exec Board Meeting 5:30pm CPR	14	15
16 Happy Easter	17 10:00am Building Trades	18	19	20 4:30pm COPE	21	22
23 / 30	24	25	26 5:30pm Exam Board Mtg	27 7:00pm UNION MEETING	28 <i>Last Day to Pay May's Union Dues Without Being Late</i>	29

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 10:00am Building Trades	2 LMCC	3 9:00am Retiree Breakfast @ Union Hall 	4 8:00am ION 4:30-6:30pm OPEN HOUSE for experienced Electricians	5	6
7	8	9 9:00am SWM Building Trades 4:30pm EIA 5:30pm First Aid	10 4:30pm H.E.L.P. 7:00pm South Central CLC	11 4:30pm Exec Board Mtg 5:30pm CPR	12	13
14 Happy Mother's Day	15 10:00am Building Trades	16	17	18 4:30pm COPE	19	20
21	22	23	24 5:30pm Exam Board Mtg	25 7:00pm UNION MEETING	26	27
28	29	30	31 <i>Last Day to Pay June's Union Dues Without Being Late</i>			



IBEW Local 153
56475 Peppermint Road
South Bend, IN 46619

ADDRESS SERVICE REQUESTED

