

MICHIGAN COUNTRY LINES



THE NEW GUYS

MI Local Hops Stands Out
In Growing Hops Industry



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and it isn't just corn.

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Please notify your electric cooperative. See page 4 for contact information.

The appearance of advertising does not constitute an endorsement of the products or services advertised.

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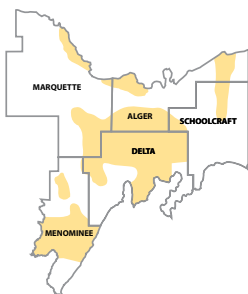
I Remember...

We invite members to share their fondest memories.

Country Lines will pay \$50 for stories we publish.

Guidelines

1. Approximately 200 words
2. Digital photos must be at least 600 KB
3. Only one entry per household, per month
4. Country Lines retains reprint rights
5. Please include your name, address, email, phone number and the name of your electric co-op
6. Submit your memories online: countrylines.com or email to cdorr@meca.coop



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Alger Delta Cooperative is an equal opportunity provider and employer.

algerdelta.com

How We Spent Our Summer



Tom Harrell
Chief Executive
Officer

As we all know, the unofficial start of summer is Memorial Day weekend in May. For Alger Delta this meant an influx of members and their guests to the nearly 4,500 camps and cottages that the co-op serves. Some folks arrived to find their cottages without power due to a fallen tree or some other problem that occurred during the long, cold winter. Like a lot of businesses, Alger Delta was closed on Memorial Day. Nevertheless, our lineworkers were on standby, tackling any problem that came their way.

In June, approximately 500 co-op members attended our Annual Meeting at the U.P. State Fairgrounds. Families enjoyed the food, games, a petting zoo and other activities, along with the business meeting. Many of our employees were on hand, answering questions, demonstrating electrical safety and helping members update their contact information. As many attendees recall, a severe thunderstorm tore into our service area at the end of the meeting. Widespread scattered outages occurred in every electric system in the Upper Peninsula. Our lineworkers left the Annual Meeting to put in some long days and nights helping to restore power. They did a fantastic job! Alger Delta was one of the first areas in the U.P. to be fully recovered from outages caused by that early June storm thanks to the hard work of our talented team.

While July brought parades, picnics and fireworks, Alger Delta's July was about closing out work orders, completing jobs that needed warm weather and dodging summer thunderstorms. The trees were in full bloom, allowing lineworkers to see where tree leaves tickled the wires. Tree crews hit their stride, clearing out wide swaths of right-of-way. We measured our July progress in miles of lines cleared per day.

By August, we all know that summer is fleeting. Every year, including this one, August and early September find us rushing to finish projects before the snow falls. Employees enjoyed late summer because the bugs were down and the month was a little drier.

Labor Day represented the unofficial end of summer. Baseball gloves gave way to footballs and neighbors began talking about the Packers and Lions. Our staff cleaned up work orders, and we put the final touches on summer projects. The cool, fresh air began to fill our lungs—invigorating us.

As we look back, we think about what we accomplished these past four months. We added some new services to the system. We improved reliability for the community we serve. We kept the lights on.

That's how we spent our summer. ■

UNCLAIMED CAPITAL CREDITS

It's Your Money And We Want You To Have It!

One of the benefits of being a member of Alger Delta Cooperative is that any revenues beyond expenses (called margins) are allocated and eventually returned to **Alger Delta Cooperative** members in the form of capital credit retirements. The Alger Delta Cooperative Board of Directors is committed to retiring capital credits after considering your co-op's financial health.



We need your help! As part of the retirement process, a portion of capital credits are unclaimed because we are unable to locate certain members. On the following pages we have listed the names of members who are entitled to capital credits that remain unclaimed. Please review the list in case you recognize your name or the name of someone you know.

- If your name is on the list, check the appropriate claim box and fill out section **1** of the form below, then return the completed form to **Alger Delta Cooperative** with your signature.
- If you recognize the name of a deceased member and you are that member's legal heir, check the appropriate claim box and complete sections **1 & 2**, then return the completed form to **Alger Delta Cooperative** with your signature and a copy of the death certificate of the deceased.
- If you know someone on this list, please have **them** contact **Alger Delta Cooperative**.

Check One:

- ☐ claim request by member
☐ claim request on behalf of a deceased member

Additional information will be requested by **Alger Delta Cooperative** from the person initiating the claim. Claims for refunds will be paid only after proper documentation has been received and validated by Alger Delta Cooperative.

**Please return this form to Alger Delta Cooperative,
Attn: Capital Credit Refund, 426 N. 9th Street, Gladstone, MI 49837.**

1. Member Or Heir Claiming The Refund

Member's Name or Heir's Name	_____	_____	_____
	FIRST NAME	MIDDLE NAME	LAST NAME
Service Address	_____		_____
	STREET ADDRESS		CITY
Current Mailing Address	_____	_____	_____
	STREET ADDRESS AND/OR APT NBR	CITY	STATE ZIP CODE
Telephone	() _____	Relationship to deceased member	_____
			i.e., SPOUSE, SON, DAUGHTER, SIBLING

2. Deceased Member

Deceased Member's Name	_____	_____	_____
	FIRST NAME	MIDDLE NAME	LAST NAME
Service Address	_____		_____
	STREET ADDRESS		CITY
Signature Required	_____		_____
	SIGNATURE OF PERSON INITIATING THE CLAIM, AND TITLE, IF APPLICABLE FOR BUSINESS		DATE

The unclaimed credits list can be found on pages 8, 9, 12 & 13.

Michigan Co-ops Empower Future Leaders

Youth Tour Washington, D.C. Highlights

Designed to inspire the leaders of tomorrow, Youth Tour teaches the brightest students of Michigan about their past—and helps equip them with the skills they need to be Michigan's next generation of energy-minded leaders. Youth Tour offers a unique opportunity to build leadership and public speaking skills, enhance students' knowledge of the cooperative form of business, and build life-long friendships with other student-leaders from across the country.

Michigan's electric cooperatives sent 20 high school juniors and seniors to experience Youth Tour in Washington, D.C. this past June. The following pictures tell the story. ■

Information is available at
CooperativeYouthTour.com.



↑ Future Mitten State Leaders

The 20 selected students from across the state toured multiple landmarks, including a guided tour of the U.S. Capitol.

↩ Captivating Congressman

Students enjoyed meeting with several members of Congress, including Rep. Bill Huizenga from Michigan's 2nd District.





↪ *The Lincoln Legacy*

Part of Youth Tour involves learning about the great historical and political figures of our country. As these young women consider their futures, they will bring Lincoln's values of respect and fairness with them as they rise to become the next generation of Michigan leaders.

Never Forget

Several students found the names of family members or family friends on the Vietnam Veterans Memorial.



National Mall

A group of students gathered on the National Mall prior to legislative visits and an opening-night performance of "The Sound of Music" at the Kennedy Center for the Performing Arts.

↪ *What's Next For Energy-Minded Students*

National Rural Electric Cooperative Association staff briefed the students on the many opportunities available for those interested in living, working or studying in Washington, D.C.



Alger Delta Cooperative Members With Unclaimed Capital Credits

AASEN NORMAN ABBOTT WILMA ACKERSON FERNE ACOCKS JAMES R ADAMS DON ADAMS JIM ADZIMA MARION AHLGRIM RENA AHO GORDON T AHO ROY AHONEN ARNOLD AKER MICHAEL R ALBERT HENRY ALBL WILLIAM ALEX PAUL ALEXANDER CHARLES ALEXANDER JAMES ALLARD ROBERT ALLEN ETHAN ALLEN SHARON ALLINGHAM SUSAN K ALLYN RICHARD ALSP WILLARD M ALTO CHARLES AMMENT MARTIN AMMEL JAMES AMORE ALEXANDER ANDERSON ALICE ANDERSON ARTHUR M ANDERSON BETTY L ANDERSON BETTY ANDERSON CLYDE ANDERSON DAVID ANDERSON DONALD E ANDERSON HAROL ANDERSON JAMES ANDERSON JANICE ANDERSON JEFF R ANDERSON JOSEPH M ANDERSON ORVILLE ANDERSON SUSAN ANDERSON THOMAS ANDREWS JULIE ANGEL ROY ANSSELL MARCIA ANTONI OTTO ANZALONE JAMES APER KATHLEEN APSEY ROBERT R ARMSTRONG ELLEN ARMSTRONG LEONARD W ARMSTRONG SWAZE ARSENEAULT PET ARTLEY FRANCIS ARTLEY HAROLD ARVANT GEORGE ARVON JOHN J ASANO GARY ATKOCUNIS ANN AULT TOM AUSTIN WILLIAM A BACKHAW SHARON BACKMAN MARIE E BACSIK JAMES BADER WILLIAM BADINI ED BAILEY RAMONA BAILEY ROBERT A BAIRD TED BAKKER PAUL BALL GREG L BALLINGER VICTOR BANASZYSKI GREGOR BARABAS BETTY BARBEAU AGNES BARBER CHRIS M BARBER GEORGE BARBIERI JOHN BARDELL BARBARA BARNES TOM BARRETT LEON BARRON ROBERT E BARRY JOHN D BARRY ROBERT H BARTH JEANNE A BARTILUCCI PASQUALE BATCHELDER JOHN BATTERMAN JUDD BAUER HERBERT BAUER JOHN BAUER ORMOND BAUMLER RON BAXTER JAMES M BAYLIFF HELEN BEACH KENNETH BEARSS RONALD BEASLEY ROBERT W BEAUCHAMP CHARLES BEAUCHAMP EUG BEAUCHAMP JOHN BEAUCHAMP NORBERT BEAUCHAMP RAY L BEAUCHAMP ROBERT	BEAUDOIN NANCY BEAUDRY PAUL BEAUDRY WILLIAM BEAUNE PHILLIP BECK JOHN B BECKER HELEN E BECKER JAMES BECKER MARTIN BEECK LELAND BEELIN ROSEANN BEERMAN CALVIN BEERMAN WM BEHAN JAMES BEHREND CARL BEJMA GEORGE J BELAND TERRANCE BELANGER JAMES BELLMORE DAVID BELLORI LAWRENCE BELMORE ROBERT BELOLI LAWRENCE BELONGIE TOM BELTRAME DONALD BENAGH ROBERT BENEDIK JACK BENGSTON WILLIAM BENNETT JOHN BENOIT JAMES BENSEL VIRGINIA BENSON DEAN BENSON FRED E BENTZEN IRVIN BERAN BRAD BERG EDWARD N BERG ERICK BERG JAMES BERGER MARGARET BERGSTROM CHARLES BERKLEY JAMES BERQUIST ALTON R BERRY WILLIAM BERTELS LOUIS BERTHUME ALLETTA BERTUCCI ROCCO BERUS LOUIS BERSLOCK JOYCE BEST DUANE BETTASO BETTY A BETZ MARK BEYER ALVIN C BEZOTTE JACK BIELMAN THOMAS BIGELOW DAVID BIGELOW ORVILLE BIGGER-MADOSH JOANNE BIGGS DOROTHY BILGEN PAUL R BIRCH WILLIAM G BIRCHAM IRENE BIRD TOM BITTERS ARTHUR BJURMAN FRITZ BJURMAN RALPH BLAISDELL DORIS BLAKE CARTER BLAKESLEE R STEVE BLANK FRED BLECKINGER FRANCIS H BLIVEN DONALD BLODGETT JAMES BLOUNT PAUL BODANYI ANTHONY BODRIE ROBERT BOERSCHINGER DAVID BOGUE HAROLD BOGUE MARGARET BOLITHO BOYD BOLLBUCK OTTO E BOMASTER ELVIN J BOND DAVID J BONETTI RITA BONIFAS TED BOOKER ROBERT BORDEN FRANCIS BORGLIN LEANN BORGLIN LEANN BORKOWSKI ALEX R BOROVSKY JANICE BORRUSCH RICHARD BORSKI DAVID BORST DONALD BORST GEORGE BOSLEY HOWARD BOTTRELL SARAH N BOUCHA WILLIAM G BOUCHEY DOUGLAS BOUDREAU RAYMOND BOUMIEA CHARLES I BOURKE JAMES BOURNIQUE ROBERT BOWDEN JEROME BOWERMAN MILTON BOWERS DENNIS	BOYAK DENNIS BOYD ADAM BOYE WALTER BOYER JOE L BOYER MICHAEL BRADD ROBERT BRADLEY DAVID BRAMER LLEWELLYN J BRANDT DAVID BRANDT HELEN BRANDT RAYMOND BRANUM CARL BRAY JOHN BRAZEAU EARL BRAZEAU JERRY BREBNER PAULINE BREESE KEVIN BREHM BERNARD BREY JAMES BRICKER RON BRIGGS DOROTHY BRIGHAM GEORGE W BRINK DONALD BRITZ DOROTHY BROBERG HAROLD BROBERG K J BROCKMAN NATE BRODEN ADOLPH G BROECKER DONALD BROOKS ED BROOKS THOMAS J BROSICO DON BROTHERTON KENNETH BROWN C J BROWN JOHN BRUNELLE FRED J BRUNELLE WILLIAM BRUNSON LINDA BRUZAS JOHN E BRYAN WILLIAM BUCHAN WAYNE W BUCHAN WAYNE BUCHANAN LEONARD BUCHNER MARTIN BUCKLAND JOHN BUCKLAND ROBERT BUCKLEY L W BUCKLIN DAVID S BUDKIS ANDREW BUDNICK MIKE BUELTEMAN WM. 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Continued on pages 12 & 13.

AMAZING APPLES

Fall's favorite fruit teams up with sweets and spices to bring you these comforting desserts.

Photos—831 Creative

Apple Cheesecake (pictured)

Rebecca Cronk, Presque Isle

- 1 cup butter
- 1¼ cups sugar, divided
- 1½ teaspoons vanilla, divided
- 2 cups flour
- 1 8-ounce package cream cheese, softened
- 1 egg
- 5–6 Macintosh apples, peeled and thinly sliced
- 1 lemon, juiced
- 2 teaspoons cinnamon
- ¼ cup almond slices

Preheat oven to 450 F. For the crust, blend 1 cup butter, ⅔ cup sugar, ½ teaspoon vanilla and 2 cups flour. Press into an 8-inch spring form pan—¾ of the way up the pan. For the filling, blend the cream cheese, ¼ cup sugar, remaining 1 teaspoon vanilla and 1 egg. Pour over the crust evenly. For the topping, add the thinly sliced apples to a bowl with juice from a lemon. Stir to coat. Add the remaining ⅓ cup sugar and 2 teaspoons cinnamon. Stir to coat and layer the apples on top of the filling in the pan. Sprinkle almond slices on top. Bake at 450 F for 10 minutes, then lower to 400 F for 20–25 minutes.

▶ Watch a video of this recipe at <https://goo.gl/hbYd7p>

Apple Dapple Cake

Judy Farley, Midwest Energy

For the cake:

- 1½ cups oil
- 3 eggs
- 2 cups sugar
- 2 teaspoons vanilla
- 3 cups flour
- 1 teaspoon baking soda
- 1 teaspoon salt
- ½ teaspoon cinnamon
- 1 cup walnuts, chopped
- 3 cups apples, peeled and chopped

For the sauce:

- 1 cup brown sugar
- ½ cup butter
- ¼ cup milk



Preheat oven to 350 F. Cream oil, sugar, eggs and vanilla. Sift together flour, baking soda, salt and cinnamon; add to creamed mixture. Beat well. Fold in nuts and apples. Bake in a well-greased Bundt pan for

1 hour and 10 minutes. When cake is almost done, mix sauce ingredients in a saucepan. Bring to a boil; boil for 3 minutes. Pour sauce over hot cake and let cake remain in pan for 2 hours. Then turn cake right side up on serving plate.

Apple Butter

Jane Ellison, Great Lakes Energy

- 5½ pounds apples—peeled, cored and finely chopped
- 4 cups white sugar
- 2 teaspoons ground cinnamon
- ¼ teaspoon ground cloves
- ¼ teaspoon salt



Place the apples in a slow cooker. In a medium bowl, mix the sugar, cinnamon, cloves and salt. Pour the mixture over the apples in the

slow cooker and mix well. Cover and cook on high 1 hour. Reduce heat to low and cook 9 to 11 hours, stirring occasionally, until the mixture is thickened and dark brown. Uncover and continue cooking on low 1 hour. Stir with a whisk, if desired, to increase smoothness. Spoon the mixture into sterile containers, cover and refrigerate or freeze.

MI
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KITCHEN

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Fred “The Beervangelist” Bueltmann is the vice president of brand and lifestyle at New Holland Brewing Co., as well as a nationally-recognized expert on beer and food. He offered up this delicious beer-brined chicken recipe from his cookbook, *“The Beervangelist’s Guide to the Universe.”* <http://beervangelist.net/book/>

Beer-Brined Jerk Chicken

This dish requires some forethought and a few days, so plan accordingly.

Brine:

- 2 quarts IPA or pale ale
- 2 quarts chicken stock
- 1 quart water
- 1 cup kosher salt
- ¼ cup brown sugar
- 1 onion, peeled and julienne
- 6 cloves garlic, crushed
- 1 cup chopped cilantro
- 2 tablespoon whole black peppercorns
- 3 bay leaves
- 4 chickens, butchered to grill

Place the water, salt, onion, garlic, parsley, peppercorns, and bay leaves on the stove and simmer for 10 minutes. Remove from the heat and chill completely. Add the beer and stir thoroughly, then add the chicken. Let sit refrigerated for 8–24 hours. Remove the chicken from the brine and rinse under cold water. Pat dry and keep cold.

Jerk Marinade:

- 1 tablespoon ground allspice
- 1 tablespoon dried thyme
- ½ tablespoon black pepper
- ½ tablespoon sage
- 1 teaspoon ground nutmeg
- 1 teaspoon ground cinnamon
- 1 teaspoon ground ginger
- 12 cloves garlic
- 2 tablespoon dark molasses
- ¼ cup peanut oil
- ¾ cup apple cider vinegar
- ½ cup lime juice
- 3 green onions, minced
- 1 large yellow onion, minced
- 3 habanero peppers, stemmed
- ¼ cup dark soy sauce

Combine the above ingredients in a food processor and puree until smooth, about 2 minutes. Pour the marinade over the chicken and refrigerate overnight (two nights is best), turning once or twice to redistribute the marinade. Place the chicken on the grill and cook over medium heat, turning often, until done, about 25 minutes. Let rest for 5 minutes and serve.

Read the full story about MI Local Hops on page 14 and find this recipe and more at micoopkitchen.com.

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MENHENNICK ILEAN	NEWBERG PHILIP J	PARKER CLYDE	POTVIN GERALD	RODGERS FRANCIS P	SCHOENBERG WILLIAM	SPACKMAN LEON
MERCHANT RANDY	NEWHOUSE ROBERT	PARKER ERNEST E	POWERS DAVID J	RODMAN DONALD	SCHOENBERGER R.	SPAGNOLO LAWRENCE
MERCIER DOROT	NEWLIN LESLIE	PARKER ROBERT	POWERS RICHARD E	ROEDER FRED	SCHONECK RICK	SPARAPAN MIKE
MESHIGAUD LLOYD	NEWMAN DALE	PARKER RONALD	PRATER MARILYN	ROELIUCH GEORGE	SCHOSLER MICHAEL	SPARKS JOHN
METHERELL SAMUEL	NEWSMAN HENRIETTA	PARKER STEVE	PRATT LARRY	ROGERS JOHN W	SCHREIBER JOHN	SPAULDING EDWARD
METIVIER THOMAS	NICHOLAS LOUISE	PARKKONEN WILFRED	PRATT MARILYN R	ROGERS ROBERT	SCHREINER DANIEL	SPELGATTI DAVID
MEYERS JAMES L	NICHOLAS SANDRA	PARLATO LOUIS A	PRICA NICHOLAS M	ROGERS WILLIAM	SCHREINER TODD	SPENCER PHILLIP
MEYERS-ESTATE-STE	NICHOLS DANIEL	PRIEBER VICKY	PRIED DOROTHY	ROMAN OLIVER	SCHREIVOGT FLORIAN	SPENCER RUSSELL
MICANDER ROBERT	NICHOLS EDWARD	PAROLINI B E	PRINCE TIM	ROMERO ART	SCHROEDER JUDITH	SPENCER TIM
MICHAEL LARRY	NICHOLS GARY	PARONTO RUSSELL	PROCTOR RONALD	ROOD GEORGE	SCHUETTER VESTA	SPENCER WADE
MICHAELSON JAMES	NICHOLSON ORVAL	PARRISH DIANE	PROFFITT LESLIE A	ROOP DONALD	SCHULER RICHARD J	SPENCER WILLIAM R
MICHAU NORMAN	NICKLAS NAN	PARRISH JESS	PROUT IRVIN E	ROOSA FRANK	SCHULTE WILLIAM E	SPELWING TWYLAH
MICHEAU DIANA	NICKOLAI FRED	PASSINAULT LEO F	PROUT TERRY	ROOT CLAYTON	SCHULTZ AINO	SPOERNER HAROLD M
MICHEAU JOSEPH	NIELSEN KIM	PASSINAULT LESTER	PROVO MICHAEL	ROSE CARL A	SCHULTZ TOM	SPOKES FRANK
MICHEAU RICHARD	NIEMI AXEL A	PATRICKIA FRED	PRZEWROCKI DORENE	ROSE ROSE M	SCHULZ STEPHEN	SPRAY HENRY
MICHOENSON HAROLD	NIEMI DANIEL	PATTEN CHARLES	PRZEWROCKI JOSEPH	ROSEN LUND JAMES	SCHUMAKER ASTRID	SPRIKS CARRIE
MIECHIELS JAMES	NIEMI EVELYN	PATTERSON ALICE	PUGLIA SAM	ROSS FRANK	SCHUSTER FRED	SPRINGER DELTON
MIELA EVELYN	NIEMI HUGO	PAULSEN WAYNE	PURLO ISAAC	ROSS PETER	SCHUSTER HENRY	SQUEO FRANK J
MIELKE WILLIAM C	NIEMI MARIE	PAULSON RAQUEL	PURPLE GERALD	ROSS ROBERT D	SCHUSTER KENNETH	ROSS RUSSELL
MIERAU JAMES	NIEMI WILLIAM	PAYNE RUTH	PUZACH LAWRENCE	ROSSETTO JAMES L	SCHWARK WILLIAM	DEMAGGIO WILLIAM
MILD HARRY	NIKULA GEORGIA	PEARSON CHARLES W	QUALMANN DAVID	ROTTERMOND DAVID	SCHWARTZ JOHN L	ST. AMOUR DON
MILLER AMOS W	NOBLE KENNETH	PEARSON GUNNAR A	QUATTRIN ALAN	ROUBAL CLAYTON	SCHWARZKOPF WAYNE	ST. AMOUR NORMAN
MILLER BRIAN	NOEL WILLIAM B	PEASE WESLEY	QUICK VERNON	ROUBOS PAUL	SCHWENDERMAN WM A	ST. GERMAINE KATHERINE
MILLER BRUCE	NOEL WILLIAM	PECK CRAIG A	QUINN JAMES	ROULEAU HARVEY	SCOTT CLARENCE W	ST. OURS LLOYD
MILLER DANIEL	NOHA FRANK	PELL EARL	QUINN JANE	ROUSH RAYMOND C	SEATON MARY LOU	STACKLEY KATHLEEN
MILLER GORDON	NOLAN EDWIN M	PELL RUTH	QUINN MARIA	ROWELL LESTER	SEBB ERIC	STAFFE JOHN
MILLER JOHN M	NORDEEN CARL	PELLETIER ARG	QUIST JAMES	ROYAL GAR	SEEGER EDITH	STAFFORD RICHARD
MILLER JOHN	NORDLING ROBERT	PELTIER THERESA	RAAB STANLEY	RUGGLES ALMA	SEEGERT DANIEL	STALTER DONALD
MILLER LARRY	NORMAN ALICE	PELTO DANIEL	RACICOT L. MELVIN	RUMAC AGNES	SEELY MERRICK	STANCHINA W J
MILLER LLOYD D	NORTON RAYMOND P	PELTO GERALD	RACINE GRANT	RUNKLE VERN	SEFCIK NEIL	STANDISH HENRY J
MILLER RICHARD G	NOVAK MARIE	PELTO LESLIE A	RACINE JOSEPH	RUNKLE VERN	SEGERSTROM RICHARD	STANTON ROBERT
MILLER W C	NOVINGER MILDRED	PELTOLA IMPIE	RADCLIFF RAYMOND	RUNTSALA SULO	SEGUND SUSAN	STARK B F
MINEAU WILFRED	NOWAK KEN	PENNEL JAY	RADLOFF CARL	RUSCH RICHARD	SELVAGE EDDIE	STARR DWANE
MINKIN ROY T	NUMMELIN CHAR	PERKINS ARTIST K	RAFFENSBERGER GARY	RUSHFORD MADELYN	SELLERS WILLIAM	STEEDE DOROTHY A
MIQUEEN JAMIE	NUMMILIN BERNARD	PERLUCK LEO	RAHMS JOHN W	RUSSELL CARL	SELVAGE EDDIE	STEEN RANDY
MIRON JOSEPH	NUMMILIN BRUNO	PERLUCK RICHARD	RAISON DON	RUSSELL EUGENE	SEPIC JOHN	STEFAN DAVE
MIRON RONALD J	NUSHARDT IRENE	PERRY ALICE	RAISON S. LILLIAN	RUSSELL EVERETT	SERRIDGE VIVIENE	STEFFES RUSSELL
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MIXON WALTER	NYBERG CARL	PESOLA WILLIAM E	RAMLOW HAROLD E	RUTTNER OTTO	SHAVER JERROLD	STEINBRECHER EUGEN
MOHAN RAY	NYLUND ELMER R	PESONEN BRUNO	RAMSDEN CHARLES	RUTZ JULIUS F	SHAMPO RACHEL	STEMEN S K
MOHR KARL	NYMAN HAROLD H	PETERS LON M	RAMSEY WILLIAM	RYAN WILLIAM	SHAVER MERLE	STENROSE LENA
MOHR WENZELL	NYQUIST DAVID A	PETERSEN JOHN	RANGER ALVIN	RYDQUIST JACK	SHAVE PAUL	STEPHENS CARL
MOILANEN WILLIAM	OBERMYER LEONARD C	PETERSEN JOHN	RANGER RUSSELL	RANGER RUSSELL	SHAW LYLE	STEVENS CLINTON E
MOLLE ORVAL O	O'BRIEN KATHRYN	PETERSON ALBERT	RANGUETTE JOYCE	RANGUETTE JOYCE	SHAW PETER J	STEVENS MARCIA
MONG VERGIL L	O'CONNELL EDWARD J	PETERSON ARNE	RANKEN ED	RYERSE LEONARD	SHAW THOMAS G	STEVENS MARK
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MONNIER EDWARD	OCTALUK THELMA	PETERSON ARNOLD A	RANT JERRY	SAA ENRIQUE	SHEEDLO ED	STEVENSON ARTHUR
MONTAGUE ROGER L	O'DESS LAURENCE	PETERSON BRIAN A	RAPPLEY GREGORY	SAAIRI NANCY	SHELSON CHESTER	STEVENSON JOHN
MONTALM DAVID	O'DRISCOLL JOHN	PETERSON DEBBIE	RAS KAREN	SABATINI LOUIS	SHELTON DENNIS	STEWART DAVID
MONTGOMERY TAMARA	OHLIN AUSTIN	PETERSON ERNE	RASPOR KENNETH	SABUCO REMO	SHEPHERD EDIT	STICH ELDEN
MOORE ROSEMARY M	OJA KEITH	PETERSON FRED	RATTELLE FRANCES	SACCO JOSEPH	SHEVINO HOWARD	STIER W.M.
MORALES HELEN	OJALA EINO M	PETERSON GEORGE A	RATH GORDON	SADLEY WALTER	SHIEL THOMAS	STIERITZ MATT
MOREAU LEO	OLIVER ROGER A	PETERSON GEORGE	REED BYRON L	SAGATAW LEVI J	SHIVERSKI MARY	STILLWELL JACK
MOREHOUSE ROBERT L	OLIVER WALTER S	PETERSON GORDON	REED STEVE	SAGATAW ROBERT	SHIVERSKI STANLEY	STIMAC CHARLES
MORGAN GLEN	OLLIVIER BRETT	PETERSON JOHN A	REEDER R M	SAGER LUETTA	SHOPE WILLIAM	STIMAC FRANCIS
MORGAN MERLE	OLLI DAMIEN	PETERSON JOHN	REESE ROBERT	SALEWSKY CHARLES	SHORTEN OWEN A	STIMART DOROTHY
MORGANTINI ARLEEN A	OLMSTED MADELYN	PETERSON LAWRENCE	REEVES OSCAR J	SALEWSKY LOREN	SHORTER J. CLYDE	STIMSON PAUL
MORRISON CARL	OLSEN DAN	PETERSON MELANIE	REGAN KRISTINA	SALO LEROY	SHLO SANDRA	STOBE WALTER
MORRISON CHARLES A	OLSEN FRED	PETERSON OLIVER	REIDER JOSEPH	SALO MARLIN	SHUMAR PETER	STOCK BETTY J
MORRISON GEORGE	OLSEN RONALD	PETERSON RICHARD N	REINERT ROBERT	SALO WALFRED B	SHUSTA PETER P	STONE MELVIN
MORRISSEY JOSEPH	OLSEN SALLY	PETERSON RICHARD	REINHARD ED	SALONEN GLEN	SIBBALD JAMES	STONEBURNER JOHN
MORTON SUSAN J	OLSON CHRIS	PETERSON TRISHA	REINHARDT PETER	SAMAR CHARLES P	SIEDEL JERRY	STORCH ARTHUR E
MOSHER DOROTHY	OLSON DAVID	PETERSON VICTOR	REMILONG HAROLD	SANCHO JAMES P	SIEVERS CHARLES	STORTI PETER
MOSIER DEL	OLSON DOROTHY	PETERSON WILBERT H	REMNINGTON JOHN	SANDAHN STEPHEN	SIGFRIDS JAMES	STRAHL ALBERT
MOSIER WILLIAM	OLSON EVELYN	PETERSON WILLIA	REPKE DARLENE	SANDBERG LYNN	SILTALA JACOB	STRAND CARL W
MOSS KENNETH J	OLSON GEORGE	PETERSON WILLIAM	FOREST GLEN RESORT	SANDERSON HOWARD	SIMMONS RONALD	STRAND HENRY
MOTTO LYNDA	OLSON OBREY	PETITPREN RAYMOND	RETASKIE ED J	SANDERSON WILLIAM	SIMON VINCENT	STRANG WILLIAM
MOTTO RALPH	OLSON P. JOHN	PETONQUOT JOE	REVAL DONALD	SANDIN JAMES	SIMONSEN ED	STRANTZ DAVID
MOTTO ROBERT	OLSON RICHARD	PEURA EDWIN H	REVORD RAOU	SANDSTROM SHIRLEY G	SIMS VIRGIL	STRATTON JOHN E
MOULDS THOMAS	OLSSON CLIFFORD	PEURA WM E	REYNOLDS FRED L	SANS DAVID B	SINERVO EUGENE	STRAUSS SELMA
MRVA E E	O'MALLEY MARTIN	PEVZNER MARTIN	REYNOLDS HAROLD	SANSONE JOSEPH	SIPINEN ROY T	STREETER GEORGE
MUDGE WILLIAM A	OMAN RANDY	PHILEMON CLARA	REYNOLDS JIM	SANTTI GEORGE J	SKELLINGER BYRON	STROM HARRY
MUELLER MICHAEL	O'NEIL DOUGLAS	PHILEMON LENA	REYNOLDS M G	SANVILLE ROY	SKODAK CLIFFORD	STROM MARY A
MUFFLER JIM	ONTKO JAMES	PHILEMON LOREN	RICHARDS ANN	SARGENT DWIGHT	SKOWLAND DAVID	STROM TODD
MULLIKIN CAROL	ORNDALH IVAR	PHILLIPS ALFRED J	RICHARDS FRANK	SASSIN JOHN	SKOWLAND HARVEY	STROMGREN HELEN
MULLIN JACOB	ORV S. JERRY	PHILLIPS ERNEST H	RICHARDS HAROLD	SATTERSTROM AXEL	SLEBODA ANDRZEJ	STRONG ROBERT
MULVANEY WILLIAM	ORZEL KENNETH	PHILLIPS LOIS	RICHARDS MARJORIE	SAUNDERS HENRY	SMART KEITH	STUBBLEFIELD GARY
MUNKRES FRANK	OSIER THOMAS	PHILLIPS MARK	RICHARDS MICHAEL	SAUNDERS SUSANNE	SMITH CAROL	SULIER EDWARD J
MUNN GLENN	OSLUND JOHN	PICARD GLADYS	RICHARDS RICHARD	SAVAGE BILLIE	SMITH DELBERT	SULLINS MITCH
MURDOCK MICHAEL R	OSSTYN RANDOLPH	PICK JOHN F	RICHARDS WILLIAM	SAVOLA LESLIE	SMITH DENNIS	SULLIVAN M L
MURDOCK STEWART	OSTMAN STANLEY	PICKETT MELVIN	RICKABY KENNETH	SAWASKI WILLIAM	SMITH FRANCES G	SULLIVAN THOMAS
MURPHY TIM	OSTRANDER MARY	PILLERA KEN	RICKABY ROBERT	SAWYER BARBARA	SMITH GLENN	SUMMERS MAX W
MURRAY JOHN	OTRADOVEC ROBERT	PINKOS GERALD	RIEDEL ROBERT	SAWYER KENNETH T	SMITH HERBERT	SUMMERS MICHAEL
MYERS DOROTHY	OTTENHOFF HERMAN	PINNEY LORREN H	RIEDER LORIN	SAYEN LUCILLE	SMITH JAMES B	SUNDLING CARL
MYLER EDWIN L	OUELLETTE EDWARD	PIRLOT CHARLES	RINGER DOROTHY	SCHAFFER THOMAS M	SMITH JAMES S	SUNDLING JESSE E
NADEAU DARRYL	OUELLETTE KEVIN	PIVAR ANTHONY J	RISKU ALBERT P	SCHAFFER ART	SMITH JERRY	SUNDLING KERMIT
NAGRO JOHN P	OVERACKER LEONARD	PLATT EDWARD S	RITCHIE K JACK	SCHAEFFER RAY	SMITH JOSEPHINE	SUOJANEN ARNO
NANCE PETER	OWENS GEORGE K	PLOOF KEITH	RITTER CLARA	SCHERMER RICHARD	SMITH LAWRENCE	SUTCLIFFE RICHARD
NAPEL ROBERT	PAAVOLA KATHERINE			SCHERTZ RAY	SMITH LEO	SUTFIN ELLIS O
NASTOFF GERALD JOHN					SMITH MATT	SUTTON DOROTHY

SUVAIZDIS ALGIRDAS
SWAGART GAYLORD
SWANSON DOUG
SWANSON GEORGE P
SWANSON JANE
SWANSON LAWRENCE
SWANSON MILTON E
SWANSON PAMELA
SWANSON SHIRLEY
SWEARENGIN VERNON
SWEET LEONARD R
SWENSON WILLIAM A
SWETICH LAWRENCE
SWIFT MARY
SWOB RAYMOND
SYERS LOUISE
SYPE RUSSELL
SZATKOWSKI GARY
TAKENAKA DEBRA
TALLMAN A J
TAMM W S
TAMULION BRON
TANNER B JACK
TARSKE RICHARD H
TASSAVA JAMES
TAYLOR CRAIG
TAYLOR RUSSELL
TEBOE RALPH
TEETER JOYCE
TEETER MAURICE
TELLIER CHARLO
TEMPLE THOMAS
TEMPLIN H JAMES
TERVOLA BRUCE
TESSIER RANDY
THARP MRS. F
THATCHER JAMES
THEUERKAUF CARL
THIBAUT JEANETTE
THIBAUT MIKE R
THIBAUT VICTOR
THICKSON DONALD
THIELKE DENNIS
THIEM CALVIN
THOMAS DAN
THOMAS FRANCIS
THOMAS GLEN
THOMAS JAMES
THOMAS MIKE
THOMAS ROBERT C
THOMAS WALTER
THOMPSON DANIEL
THOMPSON GEORGE
THOMPSON HAROLD
THOMPSON JOHN J
THOMS PATRICIA
THOMSON DUANE
THOMSON HELEN
THOMSON KAREN
THORBJORNSEN FRED

THORLEY RON
THORNTON BETTY
THORNTON JAMES B
THORPE GERALD
THORSEN LARRY
THORSEN TERRY
THORSEN VICTOR
TIBOR JON P
TICKLER DAVID
TIGGES GARY
TILESTON MARILYN
TILL JOSEPH
TIMONEN TAMERA
TOGNARELLI BETTY
TOLL STEVE
TOLLES RUSSELL
TOMPKINS W B
TONELLA FRANK J
TONNELLA DIANE
TOPEL BILL
TRANA STEPHEN
TRAVIS BILL
TREGEMBO DAVID
TREPANIER WAYNE
TREVETHAN GEORGE
TREWARTHA LEONARD
TRIERWEILER WENDA S
TRIPP CLEO
TRIPP RUSSELL
TRODAHL ESTHE
TROST JEANNE
TROTTER ROBERT
TROUTMAN JAMES
TRUAX GILBERT
TRUDELL LILLIAN
TRUE MILDRED
TRUHN JOHN
TRYAN FRED R
TUCKER ORVILLE R
TUISKU ROBERT
TULLA VILHO E
TUOMIKOSKI REVA
TUREK DON/GINA
TURNER WILLIAM
TUURI WALTER
TWEEDIE MARK
TYDA KENNETH
TYNER MELANIE
UGI ALEX
ULEP BENJAMIN
UNDERWOOD HAROLD
UNDERWOOD NORMAN A
UNDERWOOD T J
URBAN JENNIE
URBAN PATRICIA
URQUHART THORNTON L
USHER TERRY
VADNAIS JESSIE
VADNAIS LOUIS
VALEEN CHARLES

VALEEN ESTHER
VALENCIA ANDY
VALENTINE A H
VALLANCE DALE
VALLERUGO JOHN
VALLIER PAUL
VALLIN WILLIAM
VANCOURT MICHAEL
VANDRESE GARY
VANELSACKER BONNIE
VANESS CHRIS
VANHALA JULIA
VANHOUSE CAROLE
VANIDESTINE KATHLEEN
VANKAR JOHN
VANLERBERGHE EL
VANLERBERGHE ERNEST
VANOVERLOOP JULIAN
VANPEMBROOK JOSEPH
VANREMORTER RANDY
VANSLOOTEN MARTIN
VANSLOT CARLA
VARVIL LORRAINE
VARVIL SCOTT
VAUDREUIL ROSALIE
VELLA ROGER
VERBRIGGHE DENNIS
VERHOEF MARVIN J
VERNON WILLIAM
VERVILLE EDWARD J
VETORT F J
VIAU BRUCE
VICK DOUGLAS
VICK EDWIN
VITITO TOM
VOGEL HERBERT
VOGEL JOE
VOLNER H B
VOUGHT LAURENCE
VROMAN ROLLIN
WACHTER CRYSTAL
WADDINGHAM BONNIE
WADEEN LIISA
WADLE MERLIN E
WAGA HERMAN
WAGENER JOHN P
WAGNER CHARLES
WAGNER JOHN A
WAGNON BILL G
WALKER PAUL M
WALKER PAUL
WALL CLAUDE
WALL GERALD
WALLIS JAMES
WALT CARL
WALTER MARTIN J
WALTERS JOHN
WANDAHSEGA DONNA
WANDAHSEGA TED

WANDAHSEGA TIMOTHY
WANIC MARY
WARD FRANCIS E
WARD FRANK J
WARNER ERVIN
WARNER ORVILLE F
WARWICK JANET
WASHBURN ROBERT D
WASZAK RICHARD
WATERS JASON
WATERS RITA
WATSON F B
WATSON KIM
WATSON RON A
WATTSSON DOUGLAS R
WATZ MARGARET
WAYBRANT MARIAN
WEBBER RALPH
WEBBER ROBERT
WEBER DONALD
WEBSTER MICHAEL
WEDELL PAUL
WEESSE C J
WEHNER MERLE E
WEINGARTEN HENRY
WELCH ROGER
WELCH VALERIA
WELCH WALTER
WELDUM NANCY
WELLS CHARLES
WELLS JANET
WELLS JOHN
WELLS TOM
WELSH KATHLEEN
WENDLER ROBERT
WENDLING GERALD
WERY ALBERT
WERY SHIRLEY
WESCOTT DAVID
WEST CHESTER
WEST JOEL
WESTBERG CARL
WESTENBERGER TERRY
WESTLUND WILLIAM
WETTHUHN JAMES
WHALEN JEFF
WHEELER DOUG
WHITE DONALD
WHITE W. PAGE
WHITEFISH LAUGHING
WHITELAW MATTHEW
WHITFIELD NEAL
WHITMAN DONALD R
WHITTAKER BARNEY
WHITTRIDGE CHARMA
WICKENDEN HENRY
WICKLUND JAMES
WICKLUND ROY
WIEGAND ALFRED
WIERTELLA DENNIS

WIERZBA JOHN
WIESE ROBERT
WIGHT CARL E
WILBEE DENNIS
WILCHEK FRANK
WILCOX ALLISON
WILCOX DENNIS
WILDE EDWARD
WILKES CHARLOTTE
WILKES EVERETT
WILKES ROBERT J
WILKINSON JOHN
WILKINSON ROBERT
WILLET RUTH
WILLIAMS DANIEL E
WILLIAMS JAMES L
WILLIAMS LES & CHERYL
WILLIAMS MATT
WILLIAMS NORMAN
WILLIAMS PATRICIA
WILLIAMS RAYMOND
WILLIAMS SUANNE
WILLIAMS WESLEY
WILLIAMSON C E
WILLIAMSON GEO
WILLS ROBERT
WILLISON CONNIE
WILLIS CHARLIE
WILSON A P
WILSON CHARLE
WILSON GALE
WILSON GEORGE
WILSON GERALD H
WILSON HOWARD
WILSON JULIA
WILSON KATHLEEN
WILSON KEITH
WILSON PATRICIA L
WILSON RICHARD
WILSON ROBERT
WILSON RONALD C
WILSON WILLIAM F
WILSON WM H
WILT MARIA
WILTISIE KATIE
WINCHELL H L
WINEGARDEN EARL
WINKLE WANDA
WINQUIST MARY
WINTERS JEAN ANN
WINTERS JEAN
WIRES JAMES
WIRTANEN CHARLES
WITTLER GORDON
WNUCK ALFRED
WOJDA MARY
WOLF ROBERT
WOLFE TERRY
WOOD ALLAN
WOOD ALLEN R

WOOD LEO
WOOD O E
WOODBURY JOE
WOODBURY RICHARD C
WOODWARD STEVEN E
WOODWARD STEVEN
WORDEN ROBERT W
WRIGHT EARL
WRIGHT LEONARD
WRIGHT MARJORIE
WRIGHT PAUL
WRIGHT VICKI
WULF DOROTHY
WURSTER GRACE
WYMAN DAVID
YANKUNAS PETER J
YEADON JAMES
YELEY JAMES
YELLAND JEANETTE
YELLE LEONARD
YINGST CECILE
YLIMAKI OIVA
YLITALO JACK
YODER RAYMOND
YODER TERRY G
YOKEUM SHEILA
YOKSAS JOHN
YORK MARGARET
YOUNG CECILA
YOUNG TERRI J
YUHAS GEORGE D
ZAHARAIS RICHARD E
ZANDER JEANETTE
ZBACNIK MARY
ZEILMAN ALICE
ZEITS JOHN
ZEMBA THOMAS
ZETTEL WARREN
ZIENKIEWICZ A
ZIMMERMAN RAY
ZONA ROBERT F
ZWERGEL PHILIP
ZWOLINSKI RONALD

DRIFTWOOD BAR
DURHAM MFG. CO.
FARMER HOME ADMIN
FIRST BANK OF AMERICA
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MUNISING
FRITO LAY INC.
FULL HOUSE CLUB IN
GRAND MARIAS IGA
GRANDMA'S PLACE
HIAWATHA ACRES #1
HIAWATHA ACRES #2
JASPER'S SUGAR BUSH
KIMBERLANDS LTD
LAKESIDE INN
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LOOK REALTY
LUMBER INN BAR
M-28 STANDARD
MARQ.CO.RD.COM.-BA
METDEPENNINGEN
MICHIGAN BELL TEL
NAHMA DEVELOPMENT
NAH-WAH-KWAH LODGE
NORTHCOAST MEDIA
NORTHLAND BAR
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PETTICOAT JUNCTION
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POTVIN BROS
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SABLES KEY LOCK
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SHAKY CREEK LODGE
SHAKY LKS CONCESS
SHELTER BAY GROCERY
SHORE GARDEN RESORT
SPREAD EAGLE CO
ST KATERI MISSIONS
STATE WIDE REALTY
SUPERIOR HARDWARE
THE DOCK SHOP
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Businesses

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AT & T COMMUNICATION
BEZOTTE AFC HOME
BIG BAY SAWMILL
BLAZED TRAIL CLUB
BRESNAN COM CO
BROWNSTONE INN
CAIN BROTHERS
CARL'S MARKET
CHAIN OF LAKE FLO
COMMON WEALTH ASSOC
COSMOS VARTIEY SHOP
COTTS GARAGE

Public Act 295: The Clean Renewable And Efficient Energy Act

2016 Annual Energy Optimization Report Alger Delta Cooperative Electric Association MPSC Case Number U-17778

Alger Delta contracted with the Michigan Electric Cooperative Association (MECA) to administer the Energy Optimization efforts in order to comply with PA-295. MECA filed a four-year Energy Optimization plan with the MPSC on August 3, 2015, as required by PA 295. This EO plan was approved by the MPSC on December 8, 2015, and we began implementing our 2016–2019 EO Plan January 1, 2016. WECC was selected to implement all Residential, Commercial, and Industrial Programs, and the Energy Optimization website www.michigan-energy.org. WECC has subcontracted with JACO, Michigan Energy Options, Franklin Energy, Morgan Marketing Partners, and Honeywell to assist with the implementation of the EO Programs. MECA contracted with KEMA as the independent third party evaluation contractor for the certification of kWh savings.

In 2016 Alger Delta collected \$153,109 through the Energy Optimization Surcharge and spent \$208,101 resulting in an under-collection of \$54,992. Alger Delta achieved 943 MWh of energy savings in 2016 and carried forward 156 MWh from 2015 into 2016 for a total reported energy savings of 1,099 MWh for 2016. The full report can be obtained at your cooperative's headquarters and www.michigan-energy.org or <http://efile.mpsc.state.mi.us/efile>.

Notice To Members Of Alger Delta Cooperative Electric Association

Case No. U-16589 2016 Renewable Energy Plan Annual Report Summary

2008 PA 295, as amended, requires all Michigan electric utilities to get 10 percent of their power supply from renewable sources by 2015. Under this requirement, Alger Delta Cooperative Electric Association submits an annual report to the Michigan Public Service Commission (MPSC) regarding its Renewable Energy Plan. In 2016, Alger Delta acquired a total of 7143 renewable energy credits. All credit transfers were directed through Alger Delta's wholesale power supplier. Alger Delta will continue to generate renewable energy and bank unused renewable energy credits for future use and compliance with statutory renewable portfolio standard requirements on behalf of all of its members. A full copy of the cooperative's Renewable Energy Plan annual report that was filed with the MPSC is available on the cooperative's website at algerdelta.com or by request at the cooperative's office.

THE NEW GUYS

MI Local Hops Stands Out In Growing Hops Industry

By Rob Marsh



Before your bartender at the local beer tap fills an empty pint glass or you snatch up a six-pack of brew at your hometown liquor store, you may be surprised to learn that many of your favorite beers began their journey to the tap in the rich, fertile soil of Michigan.

Located in Williamsburg, Mich., and a member of Cherryland Electric Cooperative, MI Local Hops (MLH), is a 280-acre farm (plus an additional 100 acres the company cooperatively manages with other growers) with the capability to harvest up to 350,000 pounds of hops annually. At the farm, rows of twisty vines creep up trellises, each in an effort to produce bitter cones that are the heart and soul of almost any Michigan beer.

"The hops industry has become a bit like the music industry," said Mike Moran, sales and marketing manager of MI Local Hops. "Everyone's looking for the next big thing. The next exciting flavor.

But those flavors need to be consistent and dependable. We know the wow factor is nothing without the quality."

A century ago, Michigan's hops industry was decimated by downy mildew. However, with advancements in modern farming and the determination of local hops growers, Michigan is now one of the top growing regions for hops in the United States.

MI Local Hops is now the largest hop farm east of the Rocky Mountains. The magnitude of that statement isn't lost on the owners, as they build the infrastructure to support and sustain that accomplishment.

With "local" in the name, MLH is supplying some of the Midwest's biggest beer players. Providing hops to Bell's, Founders and New Holland, all of whom are based in Michigan but offer national distribution, the Michigan hops agriculture boom has swept the state and the Midwest.





Still, remaining a local supplier is especially important to MI Local Hops. That sentiment is also felt by the local breweries that receive the crop each season. New Holland Brewing Co., out of Holland, Mich., uses MLH hops exclusively in their flagship beer: Mad Hatter, Midwest IPA.

"We have a lot of Michigan pride and want to support local agriculture, but we also want to have the highest quality ingredients," said Head Brewer Jason Salas of New Holland Brewing Co. "Michigan hop growers have been demonstrating to us their commitment to the brewing industry by turning out unique, high-quality products that allow us to develop beers worthy of our industry. As a brewer, that means a lot."

MI Local Hops has grown from being the "new guys" to a significant force in Michigan's growing hops industry. ■



Pictured L to R are several of the MI Local Hops team members: Dan Taber, chief operating officer; Tim Prentice, project and facility manager; and Mike Moran, sales and marketing manager.



The former High Point Golf Course in Williamsburg is now home to MI Local Hops.

Easy Ways to Save Energy At Home

Saving energy is a great way to control your utility bills—while also helping to preserve the environment! Just a few small actions can make a big difference. Read on to discover quick and easy ways to start saving energy at home today!



Maintain your heating and cooling systems. Check the filter every month and replace it at least every three months. Remove leaves, dirt, and other debris from around the outdoor components to improve air flow and efficiency.



Strategically open and close window coverings. On hot, sunny days, keep your home cool by closing blinds, window shades, and curtains—especially on the south and west sides of your home. In cooler weather, leave shades open to maximize heat from the sun.



Set a schedule on your programmable thermostat. Program temperatures to save energy while you're at work, sleeping, or away. In the summer, increase the temperature during these times to save on cooling costs. In the winter, lower the heat to save energy and money.



Seal air leaks. Prevent cool air from seeping out in the summer and warm air from escaping in the winter. Up to 30 percent of heating and cooling bills are consumed by air leakage!



Clean and dust key areas of your home. Vacuum air registers and vents to keep air flowing as efficiently as possible. Dust electronics and light bulbs to ensure they run at maximum capacity. Clean the track on your sliding glass door to maintain a tight seal.

As always, visit michigan-energy.org or call 877-296-4319 for additional energy-saving information and incentives. ■

Start saving energy today!

- **Turn off and unplug electronics.** There's still time to get outside!
- **Fire up the grill.** Enjoy great tasting food and keep your home cool.
- **Hang your clothes outside.** Save energy and enjoy the fresh scent!
- **Change your furnace filter.** Improve efficiency and indoor air quality.

ONLINE: michigan-energy.org
PHONE: 877.296.4319



Time is Money



Energy Optimization programs and incentives are applicable to Michigan electric service locations only. Other restrictions may apply. For a complete list of participating utilities, visit michigan-energy.org.

What Is The Right-Of-Way?

Motorists should be familiar with the term "right-of-way," but it has a different meaning to your electric cooperative. The right-of-way is the strip of land that electric utilities, through an easement or other mechanism, are granted access to use for specific purposes. A typical Alger Delta right-of-way is 30 feet wide for single-phase (two overhead wires) lines and 40 feet for three phase (more than two wires) lines. The power line is usually centered within the right-of-way.

Easement agreements give Alger Delta access rights to private property for the purpose of constructing, inspecting and maintaining its power line distribution system. The easement is typically a written agreement between the utility and property owner.

"Because Alger Delta's rights-of-way are often on private property, they must be treated like any private land and only be used with the owner's permission."

Who owns the right-of-way?

The property owner is the owner of the land that the power line crosses. Because Alger Delta's rights-

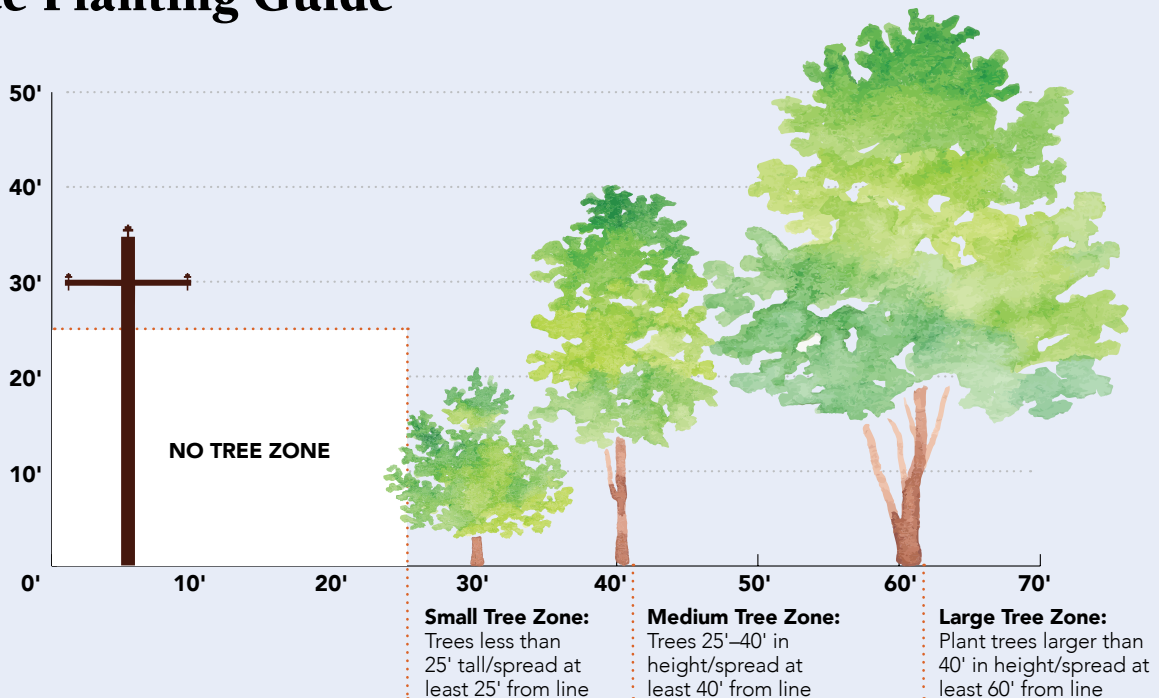
of-way are often on private property, they must be treated like any private land and only be used with the owner's permission. If the right-of-way crosses state forest or other public land, rules on allowable uses of the property still need to be followed. Also, the use of motorized vehicles (especially ATVs and snowmobiles) in the power line right-of-way can be dangerous and should be avoided. A collision with a utility pole or guy wire is a serious personal hazard that can also result in outages.

How does Alger Delta use the right-of-way?

Access to the right-of-way allows the co-op to service and repair its power line distribution equipment, manage vegetation growth within the right-of-way that threatens electric service reliability and safety, and extend new lines to meet growth.

Trees are a common cause of power outages for our members. Because of this, tree maintenance in all the rights-of-way is completed on a regular, rotating basis. Although maintenance of trees and other vegetation is a large undertaking, it improves service reliability for everyone. Maintaining the rights-of-way is just another way we are working hard to keep the lights on for you. ■

Tree Planting Guide



Restoring The Great Lakes Lighthouses

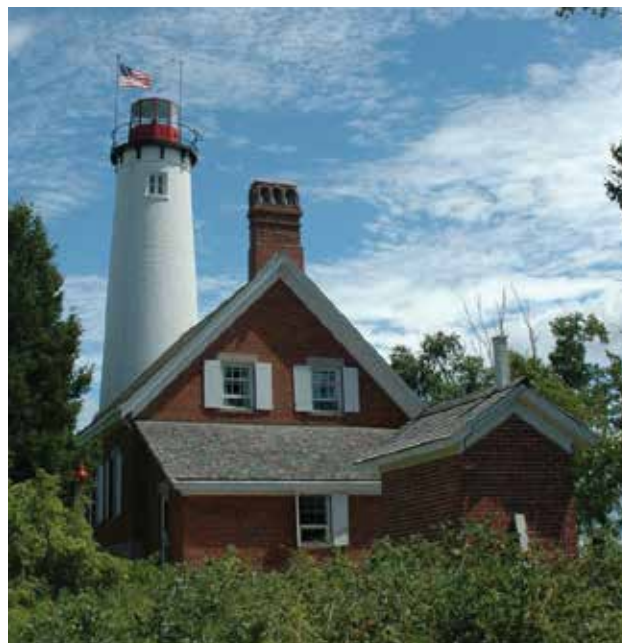
Scattered along Michigan's shoreline and numbering over 200 at their peak, the Great Lakes lighthouses once served as a beacon of hope to the weary seafarer. Today only 124 lights still stand, many in desperate need of repair. Enter the Great Lakes Lighthouse Keepers Association (GLLKA).

Founded in 1983, the GLLKA's mission of preserving lighthouses and the stories of those who kept them while fostering a new generation of preservationists came to life when given license to restore St. Helena Island Light Station in 1986. Built in 1873 off the coast of St. Ignace, constant exposure to the elements left St. Helena vulnerable. Abandoned, she endured years of vandalism and theft requiring the removal of several outbuildings. What remained of the station continued deteriorating.

Before arrangements were made for the complete demolition of the structure, members from GLLKA requested permission to restore St. Helena. With the help of countless volunteers including Boy Scout Troop 4 from Ann Arbor, St. Helena slowly came back to life.

Inspiring awe and admiration from thousands of guests each year, the original restoration project began nearly three decades ago. While the threat of theft and vandalism have declined, the elements continue taking a toll. Fortunately, GLLKA volunteers are committed for the long haul, tirelessly maintaining the facility for another generation to enjoy.

In the meantime, GLLKA President Rick Mixer offers guidance and support to groups wanting to preserve lights in their region. In some cases he



can even find old blueprints, making the renovation a true labor of love for those involved in restoring these facilities to their original glory.

Today Great Lakes lighthouses are towering symbols of strength and resilience, often shouldering a much deeper meaning to guests who visit each year. "They brought lost mariners home," explained Mixer. "They represent hope, and we all need a little of that."



Jack O'Malley

Visit gllka.com for information on GLLKA's current projects, a list of lighthouses, and ways to help with the restoration efforts. ■

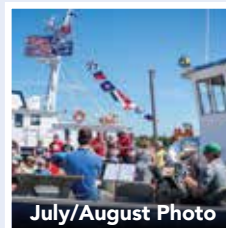


«« Where In Michigan Is This?

Identify the correct location of the photo on the left by September 15 and be entered into a drawing to win a \$50 electric bill credit. Enter your guess at countrylines.com or send by mail to: *Country Lines* Mystery Photo, 201 Townsend St., Suite 900, Lansing, MI 48933. Include the name on your account, address, phone number, and the name of your co-op.

Our Mystery Photo Contest winner from the July/August 2017 issue is Susan Scherer, a Great Lakes Energy Cooperative member, who correctly identified the photo as a Beaver Island outdoor concert at Baroque on Beaver.

Winners are announced in the following issues of *Country Lines*: January, March, May, July/August, September and November/December.



July/August Photo

Why Is My Roof Failing?

Are you wondering why the roof you had installed less than 15 years ago is failing? You're not alone. Like many homeowners, you listened when the sales guy told you to buy top-of-the-line, 40-year, heavy architectural shingle so you would never have to worry about your roof again. But now you're worried. What happened?



Failed asphalt shingles cracking and peeling.

Did You Miss The Warnings?

Home improvement experts like Bob Vila have been warning consumers for years about bogus asphalt warranties, "While asphalt shingles come with warranties ranging from 20 to as long as 45 years, roofers and builders remain skeptical of those warranties. Since warranties are a marketing device, they are not a reliable predictor of lifespan. In the past decade, there have been many complaints of asphalt shingle failure long before warranties expired."

Manufacturers have also been telling homeowners that today's shingles will not perform like shingles

of old. As far back as 1999, the CertainTeed Corporation made the following statement in their own publication: *"Due to the severity of the roof environment, even a one-year-old roof may look different from a roof that was just installed. While you may have first noticed the cracks or blistering from the ladder as you were cleaning the gutters, please be mindful that these normal weathering characteristics may not be visible when you view your roof from your front lawn or driveway."* (Quoted from 1999 CertainTeed Corp. "The Lifecycle of Your Roof.")

Why Is My Asphalt Roof Failing?

Asphalt shingles become dried out by heat and the sun's ultraviolet rays. Eventually, the drying of the heavy oils in your shingles causes the fibers to shrink, exposing the nail heads under the shingle flaps. The shrinkage also breaks up the surface coating of sand granules adhered to the underlying asphalt-coated paper. Without the protection of the embedded granules, the paper begins to tear itself apart.

Once the nail heads are exposed, water running down the roof can seep into your attic around the nail shank, resulting in the rotting of your roof deck. This can cause

moisture damage to your interior ceilings and walls.

What Can You Do?

Since at least 1999, the asphalt roofing industry has known of the problems with modern shingles. The solution is simple: make a shingle like they did 40 years ago. However, in order to do that, the oil content of their shingles would need to be dramatically increased and that would make the product cost prohibitive.

While the asphalt industry has its problems, the metal roof industry continues to grow in market share. This growth has been fueled in part by the shortcomings of asphalt roofs. However, consumers attest that the beauty and maintenance-free benefits homeowners get by installing a metal roof are the true reason for the industry's growth.



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