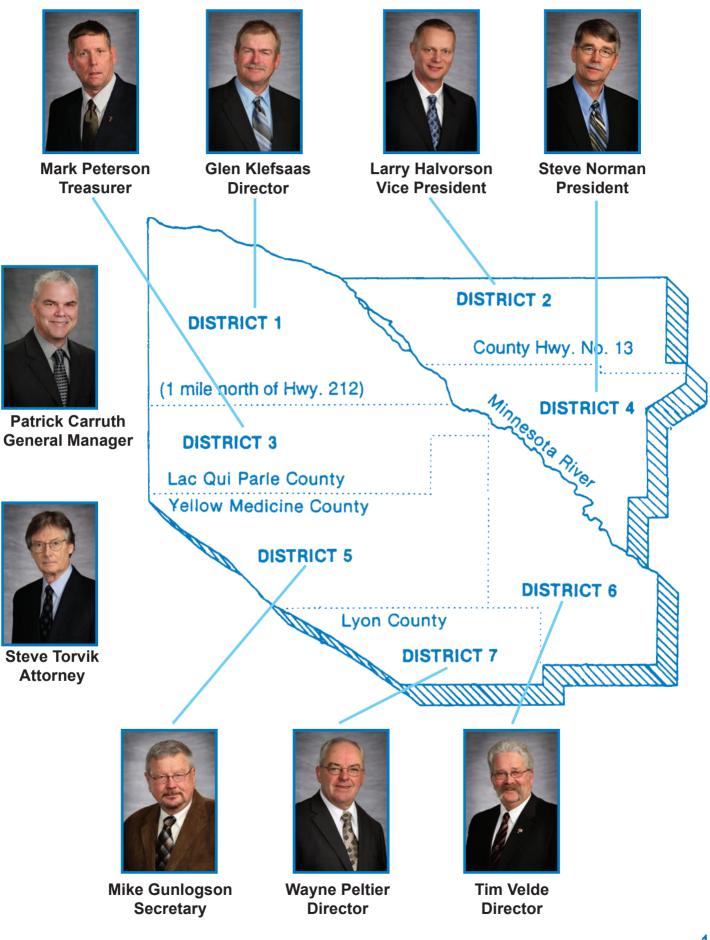
## **Board of Directors and Management**



verall, 2011 was a pretty good year for Minnesota Valley. The year began with a typical Minnesota winter, cold with a lot of snow. Spring and the growing season seemed to take a while to come around. Energy sales were up, all the while the weather required us to work hard at staying on schedule with our construction and maintenance projects.

On July 1, we were hit with a storm in the southeast part of our project. There was a lot of damage to farm sites in those areas. We were fortunate to have had little damage compared to some of our neighboring cooperatives. Making permanent repairs slowed us down a couple weeks on our schedule, but with good working weather, we made it up by mid fall.

The rain seemed to shut off in August and the dry period to follow allowed us to get ahead in our construction and maintenance projects. Energy sales dropped off for the rest of the year with the mild weather. The crop naturally matured and did not produce any grain drying load. Anyway, we ended the year with energy sales ahead of 2010, but less than we had planned for in the budget. Nevertheless, we ended the year in good shape financially and ahead of budget.

#### **Operational highlights**

Getting started on the new delivery point substation just west of Boyd was the big project for 2011. We expect to "cut-over" and bring this new substation online on May 30<sup>th</sup> of this year. The 28 miles of additional transmission line to bring this power into our system was completed in 2010. This project is kind of a big deal for Minnesota Valley as the last delivery point substation we were part of building was our Blair Substation in 1971.

When this project is complete, we will have three delivery points: on the west side, our Blair Substation at Gary, SD; on the east side, WAPA's Granite Falls Substation; and in the center of our project at Boyd, our new Appeldorn Substation. Once completed, we will be able to run our system well over 100 MWs without any voltage problems. Our current system is designed to run up to 40 MWs and we have routinely run over that level the past several years. Anyway, when completed, your transmission system will adequately handle your electric power load for many years.

#### **Financial highlights**

We ended 2011 financially strong. We ended with a better than expected total margin of just over \$1.1 million. We had budgeted for just under \$700,000 in total margin. We had general operating and maintenance costs come in under budget and we had more non-operating revenue such as allocations and dividends from related organizations. The board made the decision to retire all of 1998 and one half of 1999 patronage capital of about \$860,000. We continue to be in a good position financially and the board is steady with their commitment to retiring patronage capital.

## **Board and Manager's Report**

#### Rates

Rates have gone up at Minnesota Valley over the past few years - not unlike the rest of the industry. They will be going up over the next few years, as well. It is important for us to continue to communicate to you what is driving rates up.

A good part of rate increase is due to construction on Minnesota Valley's transmission and distribution system. Our current 4-year Construction Work Plan is running about \$4 million per year. Our typical plan runs about \$1.5 annually for construction projects. This current Construction Work Plan of 2010 to 2013 is big for us. Once the transmission/delivery point project is complete this year, we will get back to a more typical annual construction budget of about \$1.5 million.

The biggest driver in retail rate increases is wholesale power costs, which make up almost 60% of our total operating costs. Through our Basin Electric, we have brought on a new coal plant to serve increased baseload 24/7. We have brought on several new gas/wind projects to keep up with political renewable mandates. We have installed expensive EPA (Environmental Protection Agency) required additional emissions control equipment at existing plants. Those all have to be paid for in rates. We expect a couple of more years of wholesale rate increases as we close this construction cycle on the power supply side before rates level off.

In closing, we want you to know that we are especially thankful to you, the member owners of Minnesota Valley. We appreciate your patronage and your support in keeping your electric power system in reliable shape, from coal mine to the meter in your yard. Together as members, board members and employees of this cooperative, we look forward to another good year in the continued success of this cooperative.

Sincerely,



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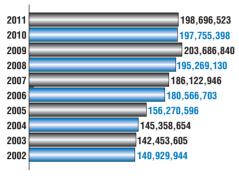
Steve Norman Board President



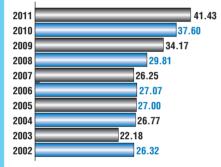
Patrick C. Carruth General Manager

# **Minnesota Valley Balance Sheet**

#### kWhs Sold



#### Cost in Mills per kWh



#### **Total Assets**

2011	52,541,598
2010	50,447,698
2009	48,456,082
2008	42,257,386
2007	39,987,293
2006	39,804,929
2005	37,190,304
2004	34,809,409
2003	33,315,686
2002	32,199,151

ASSETS (what we own)	2011	2010
Cost of our system:	\$59,337,774	\$55,720,431
We estimate our system has depreciated	<u>(17,938,105)</u>	<u>(16,968,132)</u>
This gives our system a book value of	\$41,399,669	\$38,752,299
We have property and investments:	φ+1,000,000	<i><b>4</b>00,102,200</i>
Loans to members (energy conservation, wiring,		
central air systems and electric heating		
systems)	401,003	409,137
Capital Credits from Basin Electric	4,810,676	4,499,447
Memberships in and capital credits from other	4,010,070	7,700,777
associated organizations	212,684	207,858
National Rural Utilities Cooperative Finance Corp.	212,004	201,000
(Investments required for long-term financing)		
	774 560	774 000
Capital term certificates	774,562	774,982
Patronage capital credits	67,316	58,212
Other investments	<u>1,397,953</u>	<u>1,229,639</u>
Total other property and investments	\$7,664,194	\$7,179,275
We have these current assets:		
Cash and cash equivalents	360,799	1,213,852
Members/others owe us for electrical energy,		
services, etc.	2,001,610	2,087,218
Materials/supplies for line construction and	702,283	836,131
maintenance		
Prepaid expenses	123,414	69,420
Interest receivable on investments	<u>35,572</u>	<u>8,046</u>
Total current assets	\$3,223,678	\$4,214,667
We have deferred debits:	<u>254,057</u>	<u>301,457</u>
TOTAL ASSETS	\$52,541,598	\$50,447,698

### LIABILITIES (what we owe)

	Long-term debt.		
	We owe Rural Utilities Service (RUS) and		
	Federal Financing Bank (FFB)	\$24,651,758	\$19,908,904
	We owe Cooperative Finance Corporation (CFC)		
98	and National Cooperative Services Corp.(NCSC)	<u>7,258,821</u>	<u>7,786,831</u>
3	Total long-term debt	\$31,910,579	\$27,695,735
	We owe current liabilities:		
	Power, materials, accounts payable, etc.	\$1,165,646	\$3,253,460
	Taxes, interest, etc.	917,025	786,999
	Security deposits	<u>50,905</u>	<u>45,705</u>
	Total current liabilities:	\$2,133,576	\$4,086,164
	We have deferred credits	<u>50,047</u>	<u>35,496</u>
	Total we owe	\$34,094,202	\$31,817,395
	<b>NET WORTH</b> (member's equity in co-op)		

	(member s equity in co-op)	)
Your accumulate	ed patronage capital	

<u>18,447,396</u>	<u>18,630,303</u>
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TOTAL LIABILITIES

\$52,541,598 \$50,447,698

# **Statement of Revenue**

	0044	0040	
REVENUE	<u>2011</u>	<u>2010</u>	
Sales of electric energy to consumers	\$15,721,666	\$15,100,010	
Miscellaneous electric revenues and	004055	004050	
penalties	234,055	224,350	
Non-operating and other income, etc.	044 700	000 700	
(interest income, miscellaneous items)	<u>311,799</u>	<u>208,768</u>	
Total Revenue	\$16,267,520	\$15,533,128	
WHOLESALE POWER			
Wholesale power	\$8,707,208	\$7,880,311	
Other operating expenses (administration,	φ0,707,200	φ1,000,511	
sales, maintenance, taxes, etc.)	4,458,714	4,266,503	
Depreciation of utility plant	1,520,414	1,378,688	
Interest expenses on long-term debt	<u>872,309</u>	<u>939,389</u>	
	\$15,558,645		
Total Expenses	<b>φ13,330,043</b>	<b>φ14,404,091</b>	
PATRONAGE CAPITAL			
Patronage capital income before genera-			
tion and transmission capital credits	\$708,875	\$1,068,237	
Patronage capital from Basin Electric and			
other associated cooperatives	<u>449,682</u>	<u>378,383</u>	
Total year end margin	\$1,158,557	\$1,446,620	
Accumulated patronage capital - beginning	Ŧ ) )	, , , , , , , , , , , , , , , , , , , ,	
of year	18,630,303	18,221,065	
Retirement of patronage capital	(1,364,212)	(1,069,289)	
Estate patronage capital retained	22,748	<u>31,907</u>	

<u>County</u>	Real <u>Estate</u>	Transmission Line
Chippewa	\$39,960	\$49,058
Yellow Medicine	9,426	37,145
Lac qui Parle	9,918	36,170
Lyon	<u>4,374</u> \$63,678	<u>676</u> \$123,049
Total Cou	nty Taxes	\$186,727
State and Fede Unemployr	\$ 13,231	
Employer's share of Social Security <u>\$ 169,366</u> Total Payroll Taxes \$182,597		

Taxes paid in 2011

### Total all Taxes \$369,324

#### Total Accumulated Patronage Capital

### \$18,447,396 \$18,630,303

### 2011 Electrical Dollar

#### 2011 Expense Dollar

Power cost - **55.9** Distribution - **14.3** Depreciation - **9.8** Administration & General - **7.5** Interest - **5.6** Customer service info/sales - **3.6** Transmission - **2.0** Customer accounts - **1.3** 

#### 2011 Revenue Dollar

Farm/Residential - 69.1 Industrial - 20.2 Commercial - 9.0 Security lights - 1.4 Irrigation - .3



## Statistics at a glance

# About Co-ops

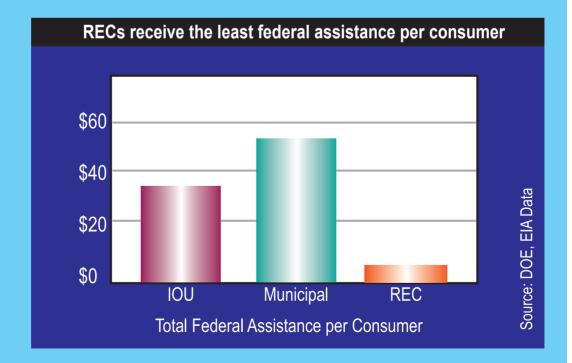
lectric cooperatives are private independent electric utilities, owned by the members they serve. Democratically governed businesses, electric cooperatives are organized under the Cooperative or Rochdale Principles, anchoring them firmly in the communities they serve and ensuring that they are closely regulated by their consumers.

Electric cooperatives began to spread across rural America after President Franklin D. Roosevelt created the Rural Electrification Administration (REA) in 1935. The Executive Order establishing the REA and the passage of the REA Act a year later marked the first steps in a public-private partnership that has over the last 75 years, bridged the vast expanse of rural America to bring electric power to businesses and communities willing to organize cooperatively and accept responsibility for the provision of safe, affordable and reliable electric power.

Today more than 900 electric cooperatives power Alaskan fishing villages, dairy farms in Vermont and the suburbs and exurbs in between. They provide reliable and technologically advanced service to 42 million Americans while maintaining a unique consumer-focused approach to business.

#### Federal assistance to electric utilities

According to Nobel Laureate economics professor, Lawrence R. Klein of the University of Pennsylvania, all types of utilities (investor-owned utilities (IOUs), municipal-owned utilities and electric cooperatives) enjoy some form of subsidy. You may be surprised to learn that electric cooperatives receive the least amount of subsidy per customer.



cooperatives serve only seven consumers per mile of line compared to 35 for investor-owned and 47 for city-owned utilities.

receive federal subsidies in one form or another. Calculations based on federal government financial reports show that rural electric cooperatives receive the least federal amount of subsidy per consumer. This is in spite of the fact that rural electric

All electric utilities

### Statistics at a glance

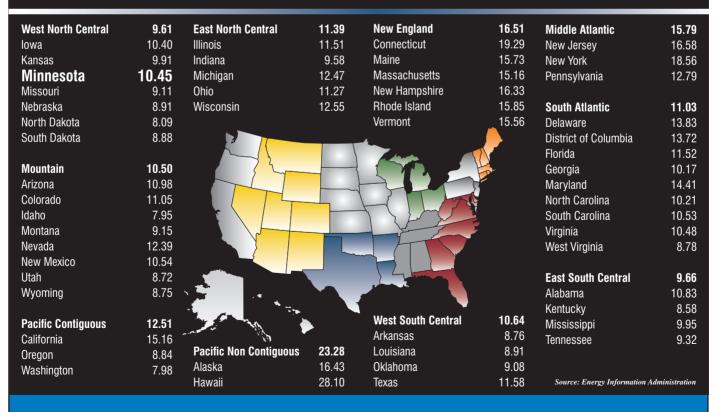
Compare Minnesota Valley's Electric Rates to other cooperatives around the country

(National 2011 rates are not yet available)

Minnesota Valley 2010 Electric Rate

First 700 kWh = 9.70¢ Over 700 kWh = 8.00¢

### 2010 Average Residential Electric Rates



(cents per kilowatt-hour)



Pat Carruth General Manager



Kathy Christenson Communications Manager



John Williamson Engineering & Operations Mgr.



\* Voluntary and Open Membership
\* Democratic Member Control
\* Members' Economic Participation
\* Autonomy and Independence
\* Education, Training and Information
\* Cooperation Among Cooperatives
\* Concern for Community



Bob Walsh Member Services Manager



Jill Sand Executive Assistant



Candice Jaenisch Office Manager



Jamie Goulson Accountant



LaVonne Stegeman Consumer Accts. Representative

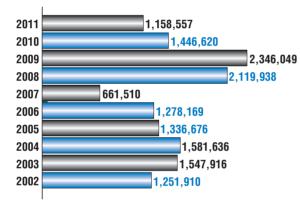


Jill Strand Consumer Accts. Representative



Mark Sweno Custodian

#### **Margins**

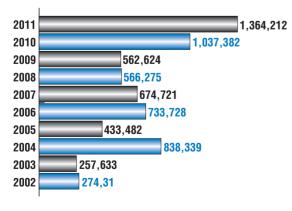








## Capital Credits paid out to members







#### Geothermal (Ground Source) Heat Pump





197





Air to Air Heat Pump

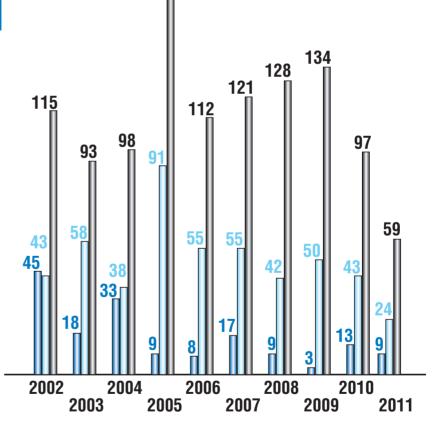






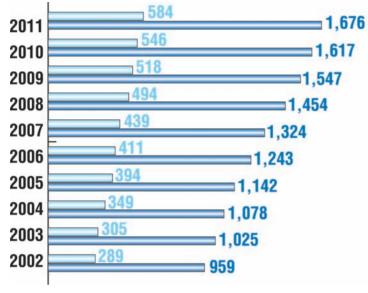
#### **Electric Heat Installed**

- Geothermal (Ground Source) Heat Pumps Added - Dark blue
- Air Source Heat Pumps
   Added- Light blue
- Other Electric Heat Added -Black

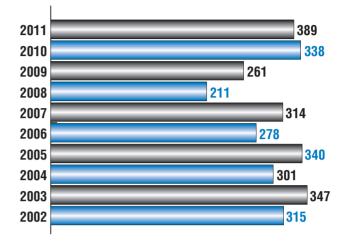


#### **Electric and Dual Heat Meters Installed**

- Dual Heat Light blue
- Electric Heat Dark blue

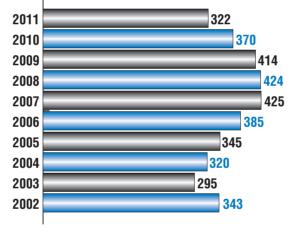


#### Heating System Maintenance Service



#### **First Call Installations**







Duane O'Malley Member Services Representative



Jerrad Perkins Member Services Technician



Scott Kubesh Member Services Technician



Chuck Blom Member Services Technician



Bob Kratz System Coordinator



Tim Bertrand Substation/Apparatus Technician



Scott Monson Mechanic



Don Snell IT/Communications Technician

### Major activities of Engineering and Operations in 2011:

- Maintain 2,786 miles of overhead distribution line
- Maintain over 243 miles of underground distribution line
- Maintain 242 miles of transmission line
- Total services in place: 5,501
- Responded to 394 service calls
- Tested and treated 2,691 distribution poles
- Installed 787 new distribution poles due to rot, service changes, road changes, storms and construction
- Responded to 197 Gopher State One-Call line locates
- Upgrades/conversions of existing services: 101
- Upgraded 12.75 miles of single-phase line to three-phase line
- Replaced/rebuilt 5.5 miles of single-phase underground/overhead line
- Replaced/rebuilt 2.5 miles of three-phase underground/overhead line
- Construction continues on the Appeldorn Substation
- Conducted monthly safety meetings through the Minnesota Rural Electric Association and Federated Insurance



Stacey Boike Operations Assistant



Dave Dieter Line Foreman



Joe Schultz Crew Chief



Kent Smith Crew Chief



Loyd Canatsey Line Foreman



James Hughes Journeyman Lineman



Trevor Diggins Journeyman Lineman



Eric Wollschlager Journeyman Lineman



Brandon Bjelland Journeyman Lineman



Andy Johnson Journeyman Lineman



Blake Lymburner Journeyman Lineman

## **Resetting a Pole**

When an area is under water for a long period of time, the ice and frost can actually force a pole out of the ground completely. The pole will then either need to be reset or replaced. In these pictures, linemen work to reset a pole in an unusually wet slough area near Rosen.

The track digger derrick unit is carefully placed close enough to the pole to be able to dig a new hole so the linemen can reset it. When the track unit is in place, linemen wade out to find the hole where the pole had been. They use "guy guards" to mark the spot. Years ago, culverts were placed around a pole that was in or near water, believing that it would help hold the pole in place. That has proven to not work very well, so we no longer use them. Instead, rocks are dumped around the base of the pole to help keep it erect. Another lineman comes in with a bucket truck to steady pole and hold it to the side while the new hole is dug by the digger derrick. When the auger drills down and is pulled up, the hole may keep filling in with mud. If, after several attempts, it seems futile, the pole claws on the end of the boom are













used to tightly hold the pole and push it down into the soft mud. Buckets of rock are then dumped around it and the linemen tamp around the base of the pole. With that, the new pole is now reset and straightened.

# **Building a Delivery Point Substation**



We continue to see the demand for electricity increase more and more each year. In the fall of 2009, we had a new system peak of 49.863 megawatts (MW) on our system. Under the right conditions, our transmission system starts to get overloaded when we put much over 40 MWs of load on it. This can sometimes result in lower voltages being delivered at our substations than we can correct with regulation equipment. Too much load on our system also prevents us from switching feeds to correct problems, as well as being able to feed our system from a single source. We currently take delivery of our power at two points -Granite Falls and Gary, South Dakota.

To answer this increasing demand for electricity, a new delivery point substation, along with 28 miles of

associated transmission line, has been added to the Minnesota Valley system. It has been named the Appeldorn Substation, in memory of Eugene Appeldorn, a co-op director who passed away in February 2008. It is located just west of Boyd. We will tap WAPA's 230 kilovolt line right in the center of our project





at Boyd to relieve the loading problem.

As far as our load growth is concerned, we think this new delivery point will let us properly handle load growth for many, many years. The new Appeldorn Substation will be operational in May of 2012.









## **Attend your Annual Meeting**

# **Annual Meeting Agenda**

Please join us! Saturday, March 17, 2012 Lac qui Parle Valley School, Madison Breakfast Buffet and Registration 8:30-10:00 a.m. Meeting begins at 10:30 a.m.

Registration:Doors open for Registration and Breakfast Buffet at 8:30 a.m.<br/>(Breakfast serving continues until 10:00 a.m.)<br/>Meeting will get underway at 10:30 a.m.

Bucket Truck Rides: Rides will be given in the parking lot to everyone interested

Capital Credit Refunds: The years of 1998 and one-half of 1999 will be refunded

### **Operation Round Up Program:**

New participants can sign up to begin contributing. New and current participants are eligible for drawings for a \$25 energy bill credit or a trip for two on the Basin Tour.

- Director Elections: Two directors will be elected to serve 3-year terms Nominees from each District are: District 1: Glen Klefsaas District 3: Mark Peterson
- **Reports:** Presentations will be made on the cooperative's finances, progress, programs and future plans.
- **Door Prizes:** Drawings will be held at the close of the meeting.

#### Kid's Room and Prize Drawings:

A 4-H Group will supervise and entertain children while their parents attend the meeting. Drawings for the kids' prizes will be held at the end of the meeting.

Basin Tour Drawing: Drawings will be held for the annual Basin Tour scheduled for July 16-18, 2012