

# Arizona Electric Power Cooperative

Arizona Power Authority Presentation  
/ 2017 Hoover Allocation Process  
October 30<sup>th</sup>, 2012

Presented by Patrick Ledger CEO

- Arizona's G&T Cooperatives include:
  - Arizona Electric Power Cooperative (AEPCO), a wholesale electric generation cooperative
  - Southwest Transmission Cooperative (SWTC), a wholesale electric transmission cooperative
- Graham County Electric Cooperative and Duncan Valley Electric Cooperative are “All Requirements Contract Members” of AEPCO. That means they receive all existing and future power resources from AEPCO.
- AEPCO is applying for an allocation of Hoover on behalf of its Arizona All Requirements Members, Graham County Electric Cooperative and Duncan Valley Electric Cooperative

- Graham County Electric Cooperative was incorporated in 1945
- Headquarters in Pima, AZ
- 1,217 Miles of Line
- 5.25 Members per Mile
- Irrigation 11%+ of Load



# Graham County Electric Cooperative Board of Directors



<u>Name</u>		<u>Officers</u>	Years <u>Co-op Member</u>	Years <u>on Board</u>
Gene	Larson	President	62	16
Reuben	McBride	Vice President	40	22
Tommy	Clonts	Secretary	26	14
Chris	Claridge		37	10
Michael	Crockett		22	2
Dennis	Jacob		31	1
Jerry	Kempton		46	20
Larry	Morris		60	15
Robert	Reed		11	1

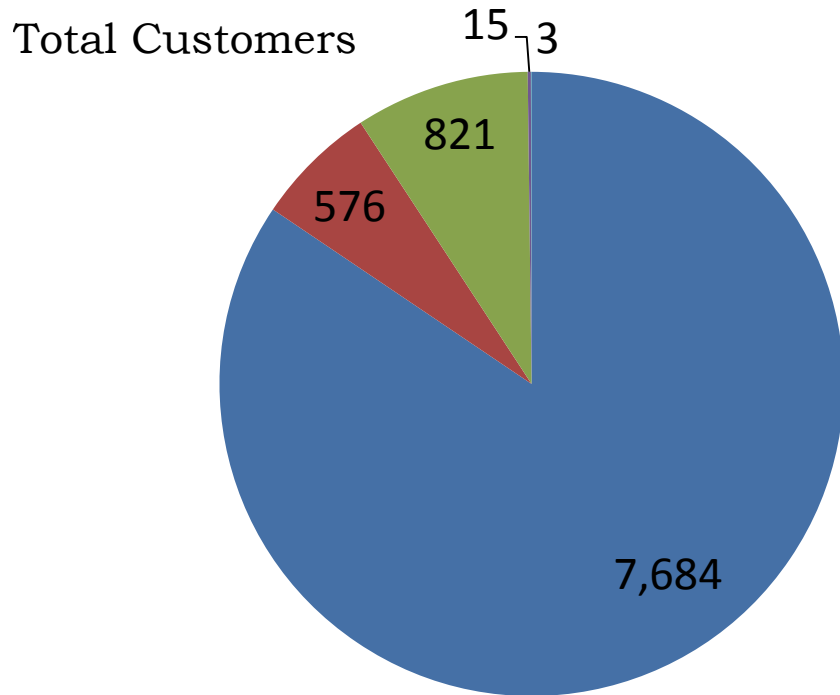
- **Actively Participate at Board Meetings**
- **Dedication to the Members They Serve**
- **Longevity in the Community**

# Graham County Electric Cooperative Consumer-Members 2011



Residential  
Irrigation  
Small Commercial  
Large Commercial and Industrial  
Public Street and Highway Lighting

Consumers  
7,684  
576  
821  
15  
3  
9,099



- Residential
- Irrigation
- Small Commercial
- Large Commercial and Industrial
- Public Street and Highway Lighting

# Graham County Electric Cooperative Consumption 2011



Residential  
Irrigation  
Small Commercial  
Large Commercial and Industrial  
Public Street and Highway Lighting

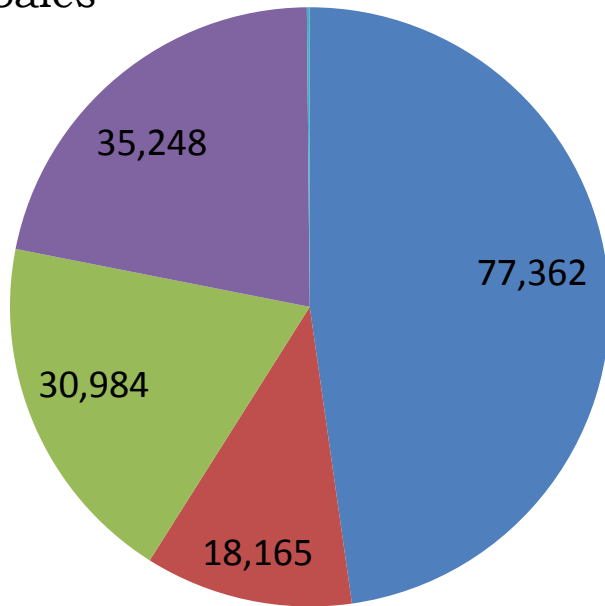
## Consumption-MWh

77,362  
18,165  
30,984  
35,248  
255

Total Sales

255

162,014



- Residential
- Irrigation
- Small Commercial
- Large Commercial and Industrial
- Public Street and Highway Lighting

# Graham County Electric Cooperative Load Growth



ITEM	TOTAL SYSTEM REQUIREMENTS				
	2011	2016	2021	2026	2031
Annual MWH Requirements	172,714	160,863	172,662	185,818	200,245
Including Losses @	6.1%	7.2%	7.2%	7.2%	7.2%
Annual Load Factor	44.5%	43.3%	43.2%	43.3%	43.3%
Max Monthly System Peak	44.283	42.398	45.525	49.012	52.836

- Duncan Valley Electric Cooperative was incorporated in 1947
- Headquarters in Duncan, AZ
- 453 Miles of Line
- 3.26 Members per Mile
- Irrigation is 14% of Load





# Duncan Valley Electric Cooperative Board of Directors



<u>Name</u>	<u>Officers</u>	<u>Years</u> <u>Co-op Member</u>	<u>Years</u> <u>on Board</u>
Johnnie Frie	President	38	19
Richard Lunt	Vice President	29	21
Judy McKinley	Secretary/Treasurer	25	5
Gary Bowen		37	6
Joe Croom		21	12
Frank Downs		35	2
Suzanne Menges		19	2
Don Vandell		16	7

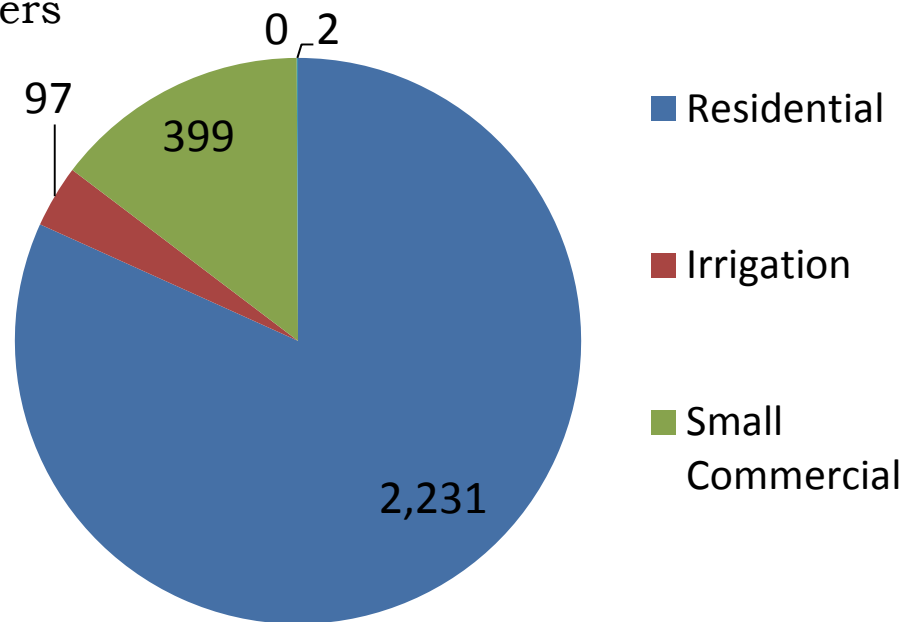
- **Actively Participate at Board Meetings**
- **Dedication to the Members They Serve**
- **Longevity in the Community**

# Duncan Valley Electric Cooperative Consumer-Members 2011



Residential  
Irrigation  
Small Commercial  
Large Commercial and Industrial  
Public Street and Highway Lighting

Customers	2,231
	97
	399
	0
	2
<b>Total Customers</b>	<b>2,729</b>



# Duncan Valley Electric Cooperative Consumption 2011



Residential  
Irrigation  
Small Commercial  
Large Commercial and Industrial  
Public Street and Highway Lighting

Consumption-MWh

17,606

3,697

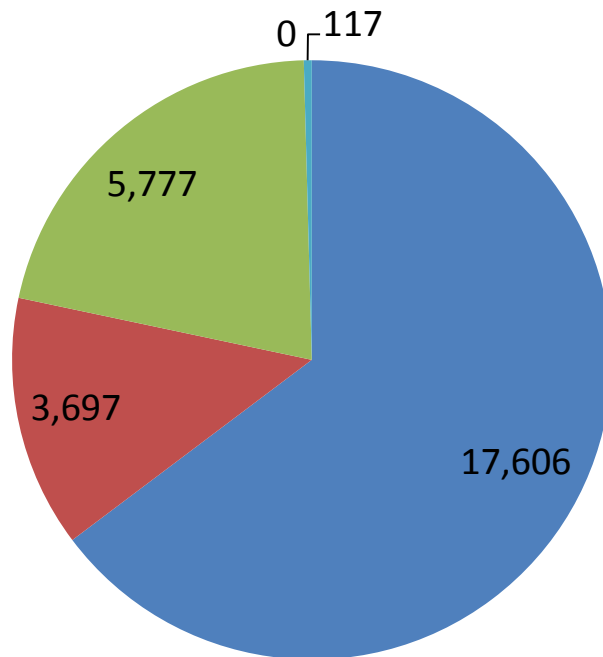
5,777

0

117

Total Sales

27,197



■ Residential

■ Irrigation

■ Small Commercial

■ Large Commercial  
and Industrial

■ Public Street and  
Highway Lighting

# Duncan Valley Electric Cooperative Load Growth



ITEM	TOTAL SYSTEM REQUIREMENTS				
	2011	2016	2021	2026	2031
Annual MWH Requirements	29,616	31,251	33,700	36,575	39,739
Including Losses @	7.8%	7.5%	7.5%	7.5%	7.5%
Annual Load Factor	44.9%	44.8%	45.0%	45.0%	45.0%
Max Monthly System Peak	7.536	7.936	8.558	9.288	10.091

1. What resources would you seek?
  - Hoover “A” and “B” or any combination
  - Flexible on transmission and delivery locations
2. What do you plan to do with the Hoover power allocated to your system?
  - Agricultural Loads
  - Residential and commercial
  - Large number of residential and commercial members with wells/pumps
3. How much Hoover power would you require?
  - An equitable share to be used for our rural loads

4. How much federal power do you currently receive?
  - A portion of the benefit of the Arizona G&T Parker Davis and CRSP allocation
  - AEPCO All Requirements Members do not presently receive any Hoover allocation or CAP water
5. How do you think the Hoover power should be allocated?
  - In accordance with the law “in an equitable manner so as to render the public service and at levels calculated to encourage the widest practical use of electrical energy.”