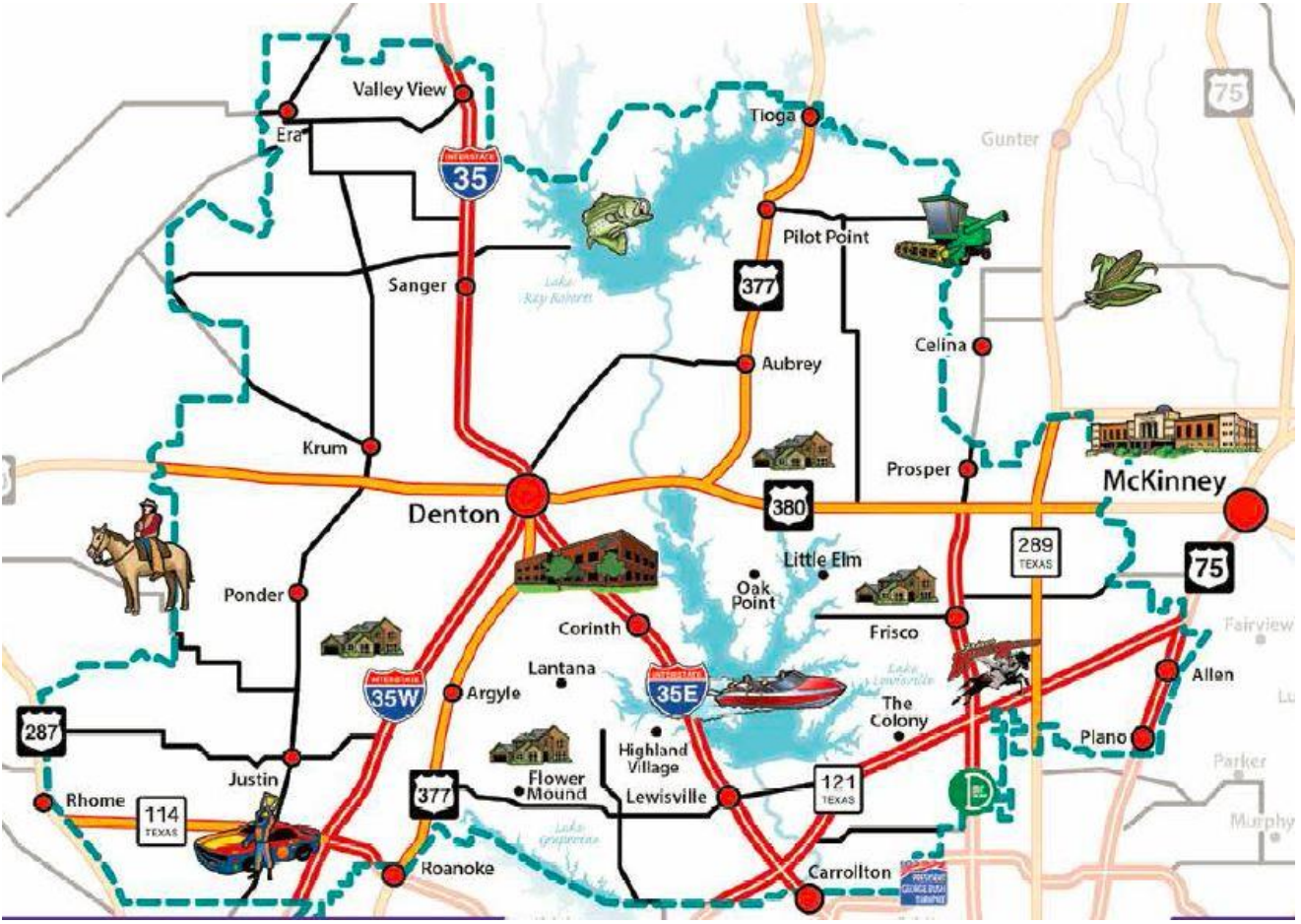
2016 Energy Summit & Fair

Curtis Trivitt, P.E.

Sr VP – Energy Services

CoServ at a glance



CoServ Electric - Electric Cooperative organized in 1937

CoServ Gas formed in 1998 – wholly owned by CoServ Electric

Counties served:

Collin, Cooke, Dallas, Denton, Grayson, Tarrant and Wise

Total meters:

Electric - 202,000

Gas - 101,000

Electric load:

Annual Energy	4,970,000 MWH
Peak Load	1,350 MW

Energy Sources:

Natural gas	89.6%
Solid fuel	9.3%
Renewable	1.1%

As North Texas grows, so does CoServ

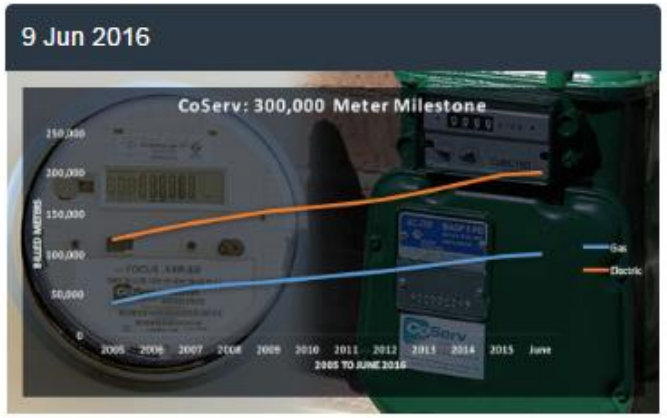
Population Growth in Dallas-Fort Worth-Arlington MSA, 1980-2040 (2000-2007 Migration Scenario)

County	1980	1990	2000	2008	2040
Collin	144,576	264,036	491,675	762,010	3,254,286
Dallas	1,556,390	1,852,810	2,218,899	2,412,827	3,143,670
Delta	4,839	4,857	5,327	5,458	4,111
Denton	143,126	273,525	432,976	636,557	2,662,912
Ellis	59,743	85,167	111,360	148,186	438,733
Hunt	55,248	64,343	76,596	82,805	158,239
Johnson	67,649	97,165	126,811	153,630	457,403
Kaufman	39,015	52,220	71,313	100,527	386,593
Parker	44,609	64,785	88,495	111,776	280,838
Rockwall	14,528	25,604	43,080	77,633	510,061
Tarrant	860,880	1,170,103	1,446,219	1,750,091	3,917,570
Wise	26,575	34,679	48,793	58,506	97,406
Total	3,017,178	3,989,294	5,161,544	6,300,006	15,311,822

Sources: 1980-2000. U.S. Census Bureau Counts; 2008 Census Bureau Estimates;
2040: State Data Center 2000-2007 Migration Scenario Projection

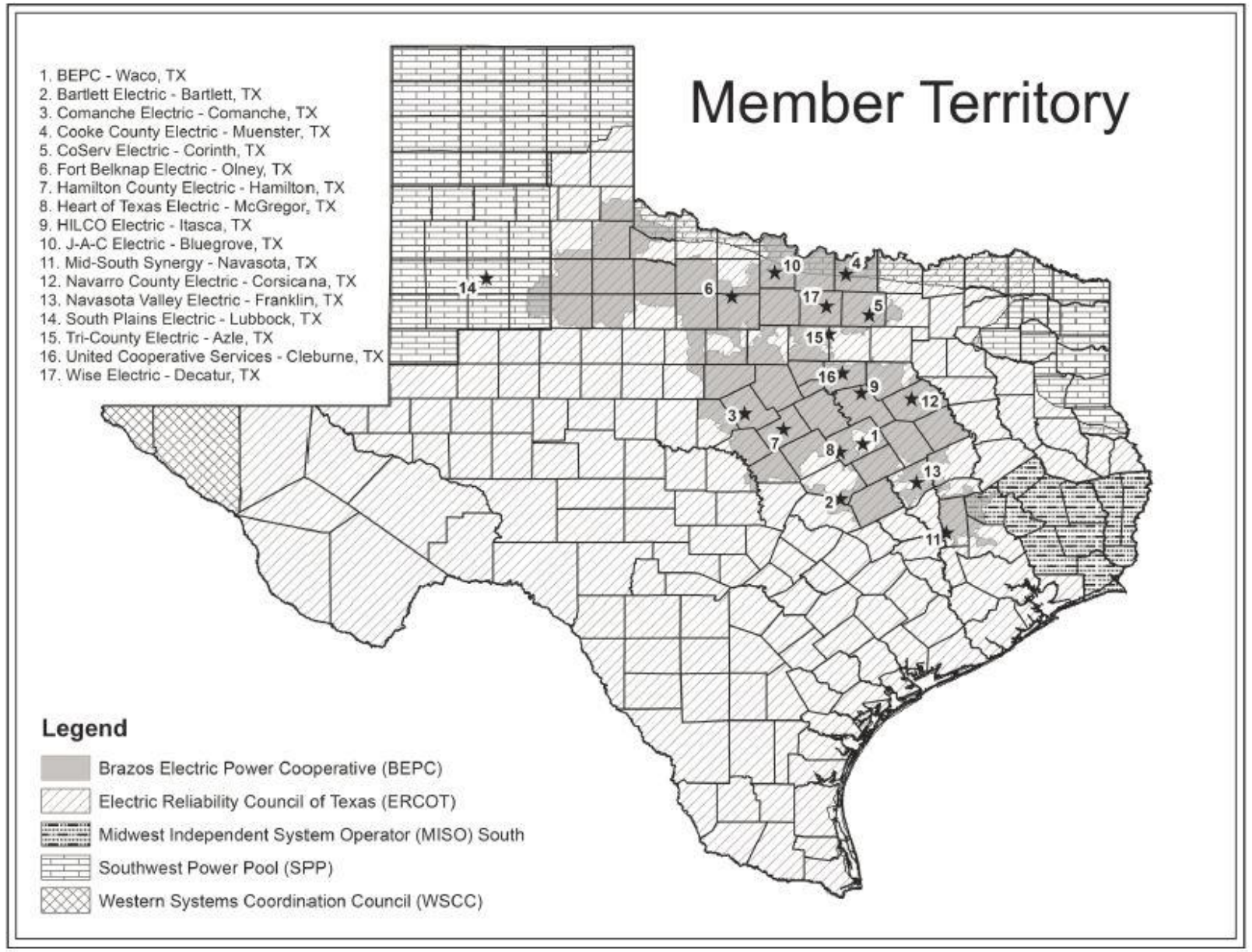
CoServ hits 300,000th meter milestone

CORINTH, Texas – June 9, 2016 – CoServ announced today that it provides electric and natural gas service to 300,000 meters – 200,000 electric and 100,000 gas.



After Denton County Electric Cooperative was chartered in 1937, it took 67 years for the not-for-profit co-op, now doing business as CoServ Electric, to reach the 100,000-meter mark. CoServ's for-profit natural gas affiliate, CoServ Gas, was established in 1998 and reached the 50,000-meter mark in 2006.

Brazos Electric Distribution Systems



- 16 acre site
- 2 MW AC/2.7MW DC
- 3900+ MWh
- 8,448, 315W panels
- 4 – 500 kW advanced inverters
- Driven pier racking

	Average Real-Time Electricity Price ($ per MWh)				
	2011	**2012**	**2013**	**2014**	**2015**
ERCOT	**$53.23**	**$28.33**	**$33.71**	**$40.64**	**$26.77**
Houston	$52.40	$27.04	$33.63	$39.60	$26.91
North	$54.24	$27.57	$32.74	$40.05	$26.36
South	$54.32	$27.86	$33.88	$41.52	$27.18
West	$46.87	$38.24	$37.99	$43.58	$26.83
Natural Gas ($/MMBtu)	$3.94	$2.71	$3.70	$4.32	$2.57

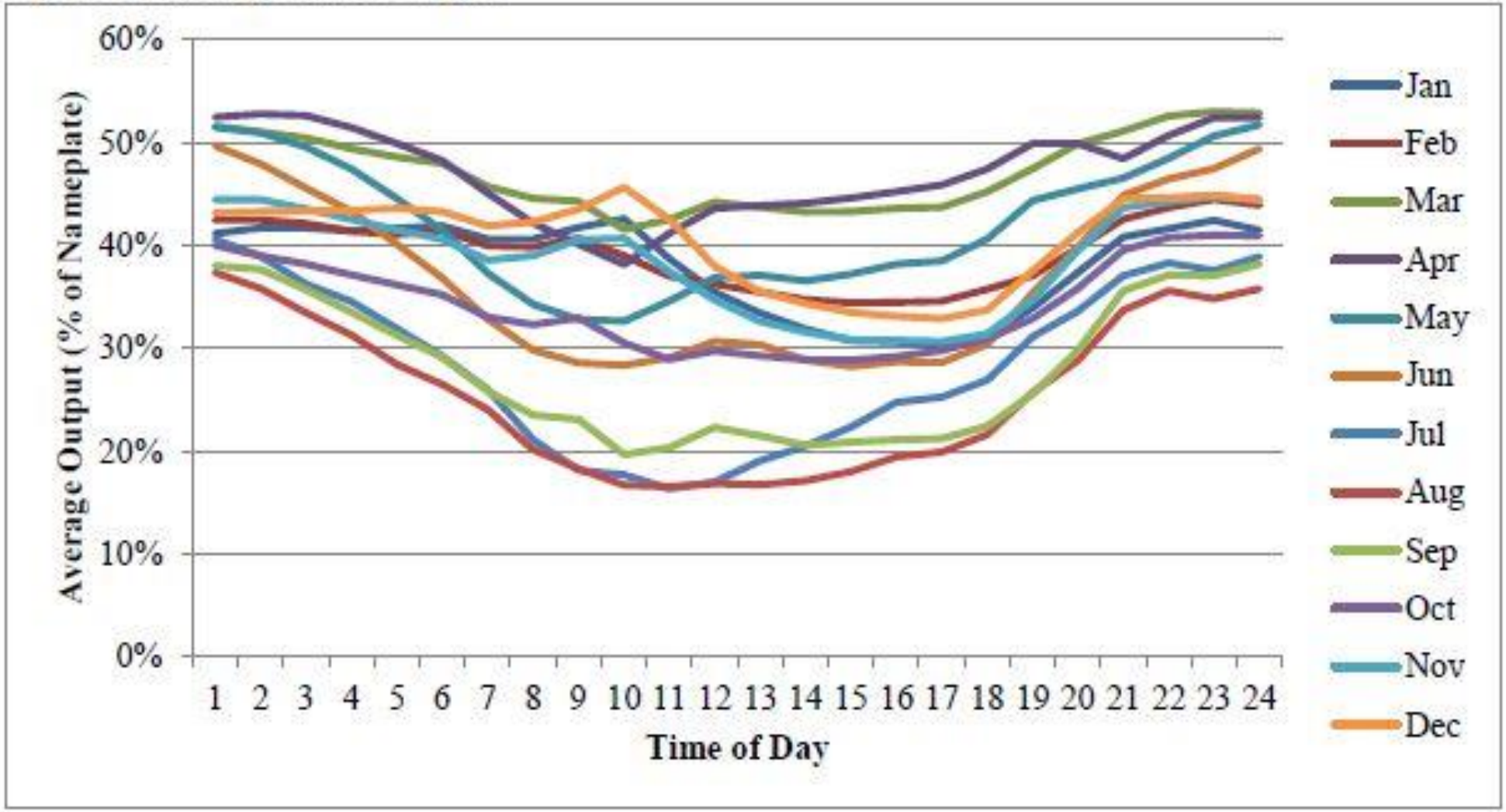



Figure 6. Average Wind Output