

WELCOME

CPS ENERGY
QUARTERLY POLE ATTACHMENT WORKSHOP
MAY 11, 2017



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PURPOSE OF TODAY'S WORKSHOP



- Provide update on the various initiatives of the CPS Energy Pole Attachment Program
- Continue constructive dialogue with Attaching Entities.

HOUSEKEEPING



- **Introductions**
- **Sign-up Sheets**
- **Restrooms**
- **Evacuation / Staging**



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SAFETY BRIEF



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TODAY'S AGENDA



CPS Energy
Quarterly Pole Attachment Workshop - May 11, 2017

CPS Energy EMC Auditorium
4514 Frank Bryant – San Antonio

Agenda #	Item	Presenter
1	Welcome & Introductions	Jesse Lopez (10 min)
2	Safety Brief	Jesse Lopez (10 min)
3	Pole Attachment Webpage	Jesse Lopez (15 min)
4	Pole Attachment Standards / Process / Work Manager (Business Case Authorization)	Jesse Lopez (20 min)
5	Discussion of Wireless Standards / Process	Jesse Lopez (30 min)
6	Discussion of Wireless Agreements / Legislative Update	Gabriel Garcia (10 min)
7	Banner Attachments	Gabriel Garcia (10 min)
8	Use of NJUNS	Jesse Lopez (10 min)
9	Discussion of Ongoing Pole Attachment Inventory	James Grimshaw (15 min)
10	Open Discussion / Questions	Attendees
11	Final Wrap-up	Jesse Lopez
	Adjourn	

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POLE ATTACHMENT WEBPAGE

WEBSITE LAYOUT



Pole Attachment Services

CPS Energy Pole Attachment Program

CPS Energy's distribution system can facilitate the delivery of the variety of communication services offered today.

With a streamlined pole attachment process, we're dedicated to partnering with companies to assist with speed-to-market processes for future technologies.

CPS Energy's Pole Attachment Services Office is the single point of contact for all who wish to attach infrastructure to our distribution poles.

The Pole Attachment Services Office is responsible for:

- Registration
- Attachment agreements
- Applications for new pole attachments or removals
- Surveys of existing attachments
- Billing and collections for all the above services

For questions or more information on the pole attachment process, [SEND US AN EMAIL](#).

Subscribe to receive email updates:

If you would like to receive emails regarding CPS Energy's Pole Attachment Program, please click on the button below to register your contact information.

[Register Contact Info Here](#)



Pole Inventory Project

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WEBSITE LAYOUT



Future Meetings/Workshops

- ▶ Quarterly Pole Attachment Workshop: May 11 2017
- ▶ Quarterly Pole Attachment Workshop: Aug 15 2017
- ▶ Quarterly Pole Attachment Workshop: Nov 15 2017

Previous Meetings/Workshops

- ▶ Quarterly Pole Attachment Workshop: Feb 16 2017
- ▶ EUCI Pole Attachment CPSE Case Study: Jan 2017
- ▶ Quarterly Pole Attachment Workshop: Nov 14 2016
- ▶ Quarterly Pole Attachment Workshop: Aug 22 2016
- ▶ Technical Workshop: Jul 11 2016
- ▶ Technical Workshop: Jun 2 2016
- ▶ Quarterly Pole Attachment Workshop: May 19 2016
- ▶ Quarterly Pole Attachment Workshop: Feb 17 2016

Pole Attachment Standards

- ▶ CPSE Pole Attachment Standards-V2-Effective Jan 1 2017
- ▶ CPSE Response to Comments to Standards - V2 - Jan 2017
- ▶ CPS Energy FCC Rate Calculation Support Jan 2017
- ▶ Pole Attachment Unit Pricing - Effective Jan 1 2017

Pro Forma Agreements

- ▶ Standard Pole Attachment Agreement (Pro-Forma) Revised July 2016
- ▶ Wireless Addendum Final Revised Dec 2016
- ▶ Wireless Installation Agreement Final Revised Dec 2016
- ▶ Infrastructure Provider Sublicensee Wireless Installation Agreement Final Version Dec 2016

Pole Inventory Project

- ▶ Davey DRG Pole Inventory Customer Notification Letter

Helpful Links

- ▶ Certificate of Authority (City of San Antonio)
- ▶ NJUNS
- ▶ PDA Client File (SPIDA)
- ▶ PLA Client File (O'Calc)
- ▶ NEW! Approved Contractors

Special software is required to open PLA Client File links.

Forms

- ▶ A1 Registration and Annual Reporting Form
- ▶ B1 Standard Pole Attachment Application
- ▶ B2 Standard Wireless Installation Application
- ▶ B3 Request for Pre Certification of Wireless System
- ▶ B4 Request for Waiver of Applicable Engineering Standards
- ▶ B6 Request for Temporary Attachment
- ▶ B7 Completion of Attaching Entity Construction
- ▶ B11 Pole Attachment Standards Revision Request
- ▶ B12 Pole Attachment Standards Revision Request

REVIEW OF
**POLE ATTACHMENT
STANDARDS/PROCESS &
WORK MANAGER (BCA)**

PROGRAM PRINCIPLES AND VALUES



Safety

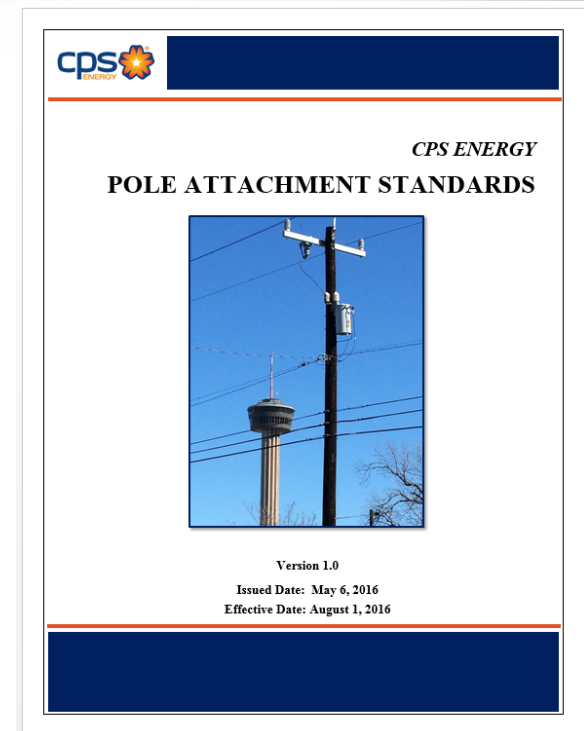
- Keep our employees and the public safe at all times

Reliability

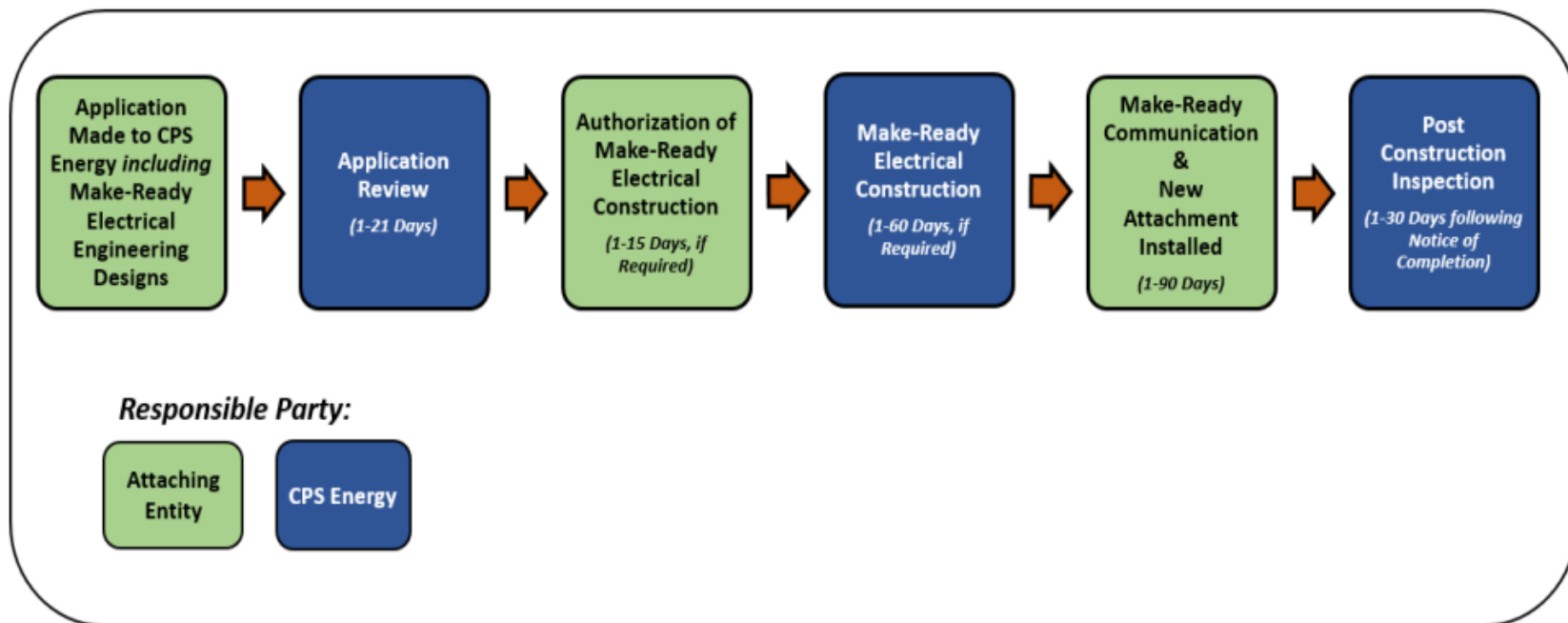
- Continuous compliance with all standards
- Timely reporting & resolution of violations/noncompliance

Customer Service

- Non-discriminatory & transparent processes
- More control over & options for your project
- Less disruption to the community
- Appropriate cost recovery

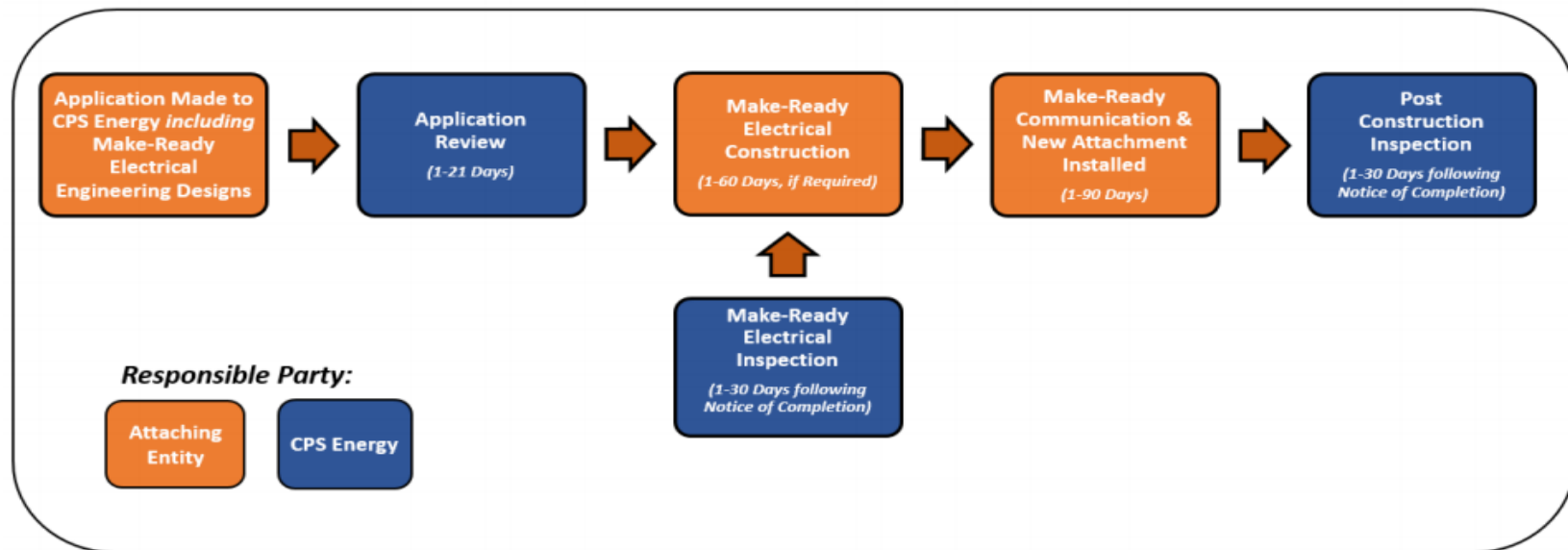


COMPETITIVE PROVIDER-STANDARD PROCESS



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COMPETITIVE PROVIDER- AREA WIDE NETWORK DEPLOYMENT



- 1. Eligibility.** An Attaching Entity that is a Competitive Providers with a valid Pole Attachment Agreement who is engaged in an Area Wide Network Deployment and has provided CPS Energy a Deployment Plan which contemplates an estimated eighty (80) or more Pole replacements per month during the majority of the Development Plan period shall be required to comply with the Competitive Provider – Area Wide Network Deployment Process.

WM (BUSINESS CASE AUTHORIZATION)

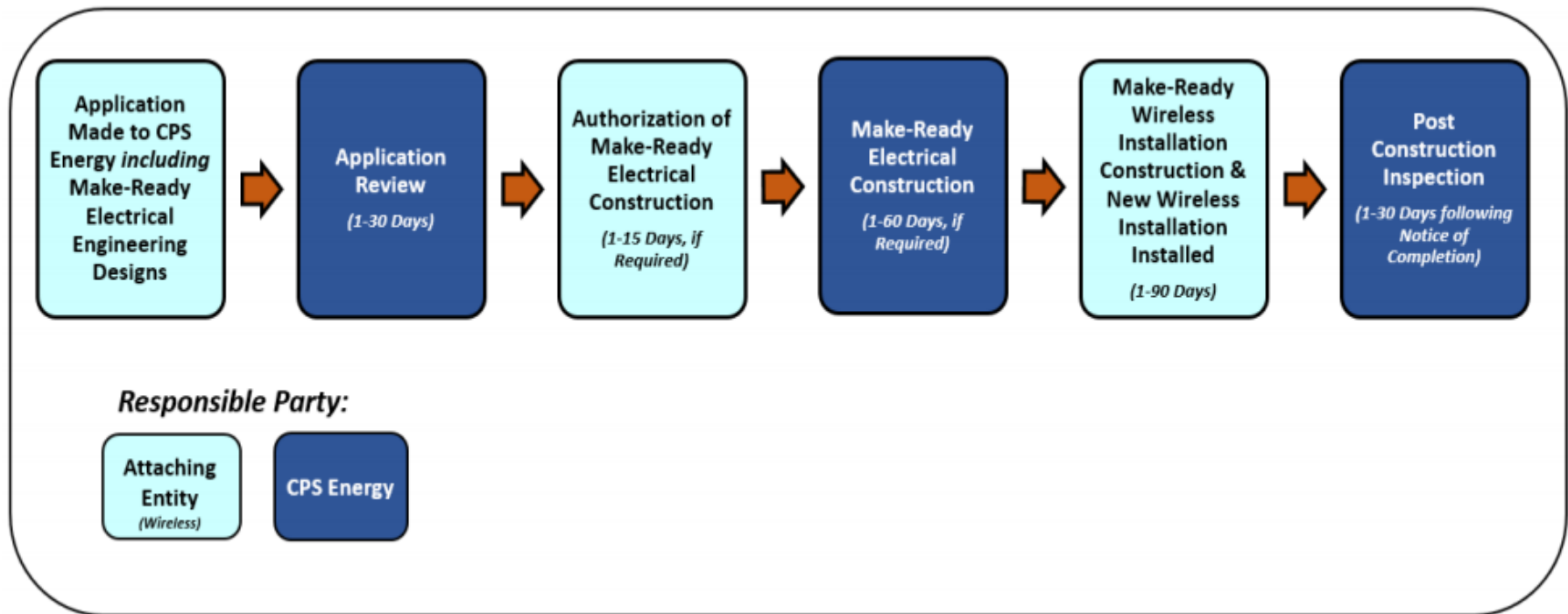


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WIRELESS STANDARDS & PROCESS

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STANDARD PROCESS FOR WIRELESS INSTALLATIONS



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WIRELESS INSTALLATION STANDARDS



- **Three types of Wireless Installations under CPS Energy's Pole Attachment Standards:**
 - Pole-Top Antenna Installations
 - Mid-Pole Antenna Installations
 - Strand-Mounted Antenna Installations

PRE-CERTIFICATION PROCESS



- **Review of wireless equipment for:**
 - Placement of equipment on pole
 - Number of feet of pole use
 - RF interference testing
 - RF safety training
 - Communications contractor certifications
 - Execution of electric service agreement
 - Establishment of electric account

WIRELESS AGREEMENTS / LEGISLATIVE UPDATE

TYPES OF AGREEMENTS



- Wireless Addendum
- Wireless Installation Agreement
- Infrastructure Provider Sublicensee Agreement

AGENDA ITEM #7



BANNER ATTACHMENTS

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AGENDA ITEM #8



NJUNS

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NJUNS TYPES



- **CPS Energy allows 3 types of NJUNS transfer notifications to be used:**
 - **Simple Transfer Notification Process**
 - **Complex Transfer Notification Process**
 - **Internal CPS Energy Project Notification Process**

UPDATE ON
**POLE ATTACHMENT
INVENTORY PROJECT**

DRG STAFF RESOURCES



- 1 Utility System Lead Specialist
- 2 Utility Systems Senior Specialist
- 5 QA Staff
- 21 Utility Systems Specialist

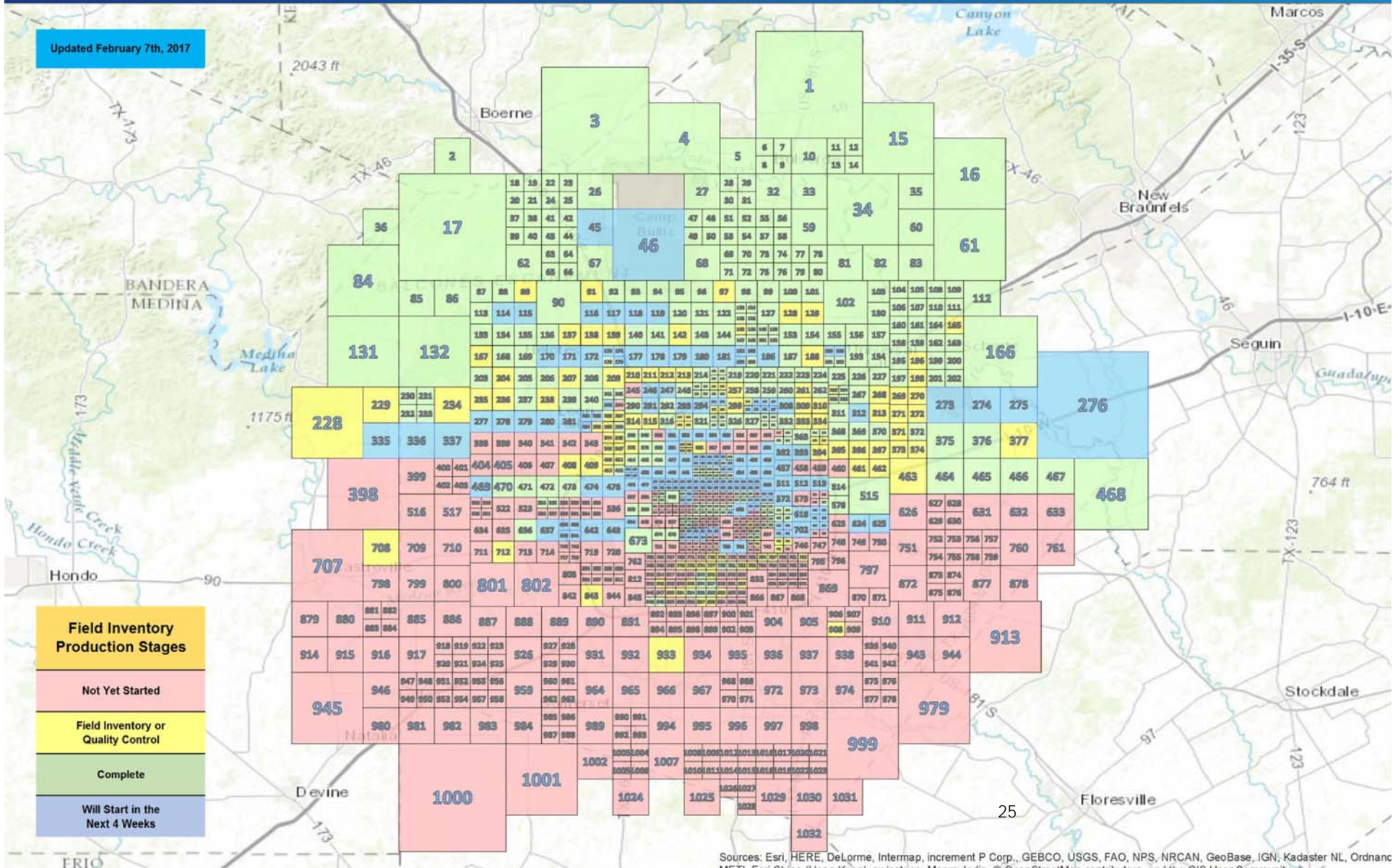


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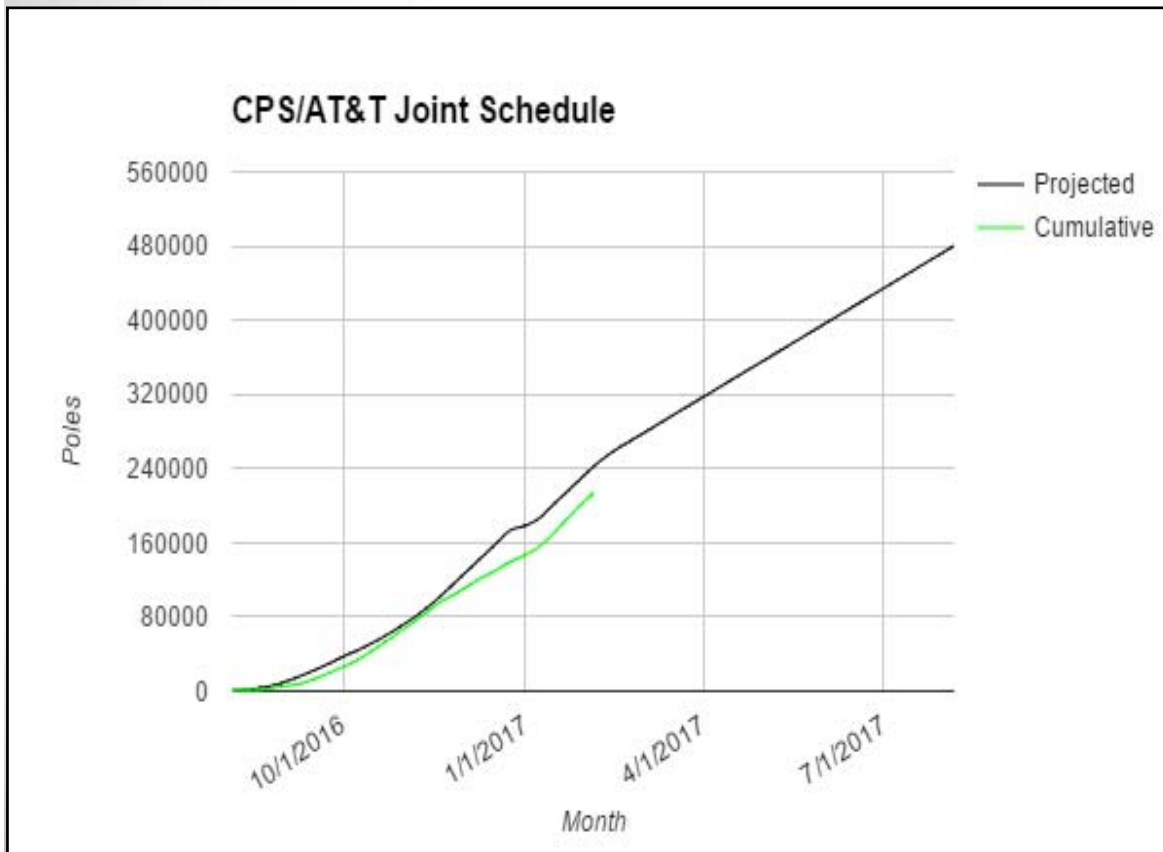
SERVICE TERRITORY



Updated February 7th, 2017



INVENTORY PROJECTIONS (2/7/17)



Poles Inspected:

- 213,196 out of 432,000
(49%)

Pole Grids Completed:

- 408 out of 1,032
(40%)

Poles Delivered:

- 147 out of 1,032
(14%)

OPEN DISCUSSION & QUESTIONS

THANK YOU
FOR PARTICIPATING IN
TODAY'S WORKSHOP



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