
INWOOD COMMUNITY MEETING

PRESENTED BY:

Rudy Garza

Senior Vice President

Distribution Services & Operations

1/4/2018

Community Update



AGENDA

- Outage History
- Remediation Plan
- Tree Trimming Map
- Points of Contact

OUTAGE HISTORY

Outage Date	Duration (Hours)	Cause Of Outage
11/17/2016 21:52	0.1	Substation Lockout - Animal
2/19/2017 22:46	0.9	Thunderstorms - Tornadoes
2/22/2017 19:19	1.1	Failed Connection
4/11/2017 14:10	Momentary	Cause Unknown
5/6/2017 1:27	0.1	Substation Lockout - Animal
5/23/2017 16:39	Momentary	Cause Unknown
5/29/2017 1:30	0.1	Substation Lockout – Equipment Failure
5/30/2017 15:37	0.4	Thunderstorms
8/26/2017 11:53	4.4	Thunderstorms - Trees (Tropical Storm Harvey High Wind)
9/27/2017 9:22	1.6	Vehicle Hit Pole
12/7/2017 19:31	7.1	Snow on Trees
12/19/2017 6:53	0.1	Cause Unknown
12/19/2017 8:04	2.0	Lightning Arrestor Failure

OUTAGE CAUSES



Lightning – damaged cross arm



Failed equipment



Trees touching lines



Animals



Car hit pole

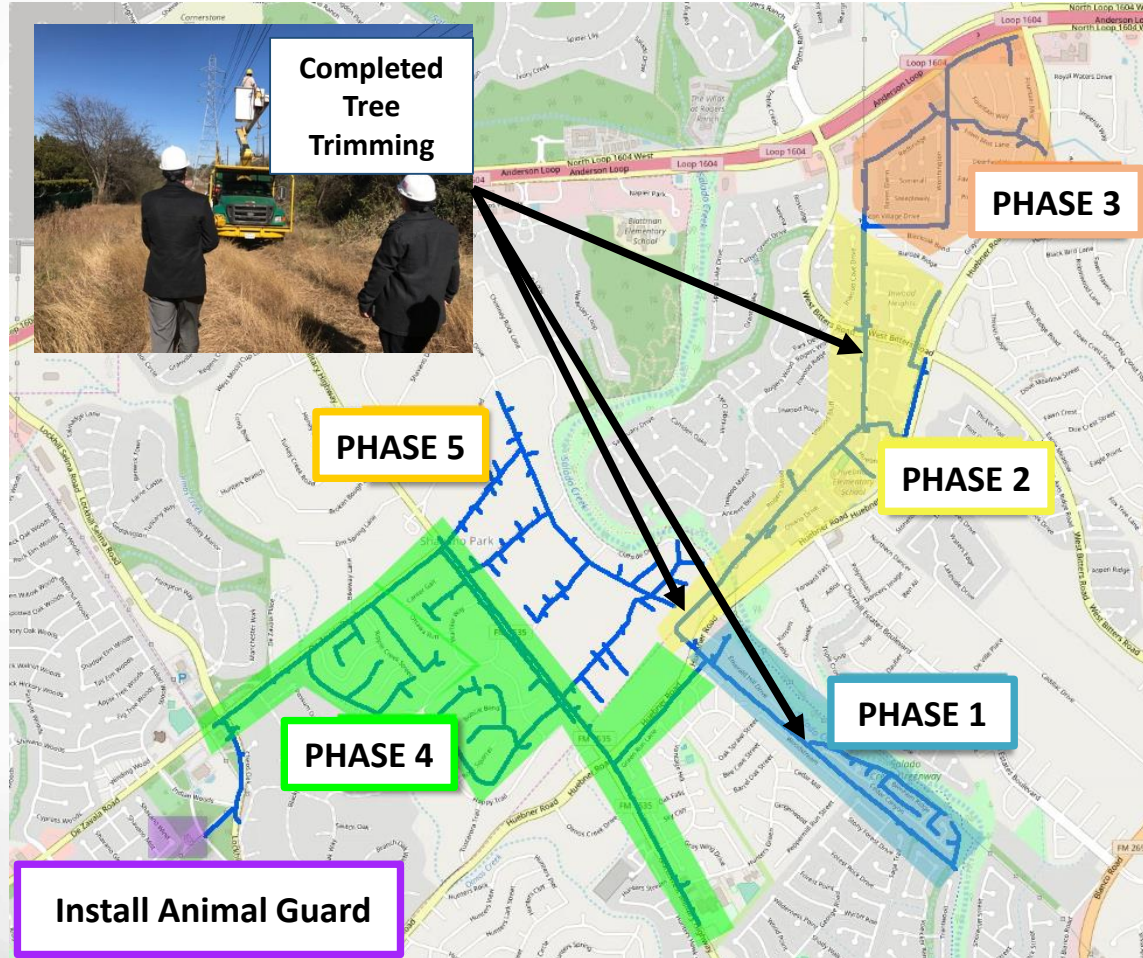
OUTAGE TIME SUMMARY

Event Cause	Duration (Hours)
Weather - Trees	12.8
Equipment Failure	3.1
Vehicle	1.6
Substation Equipment	0.1
Substation Animal	0.2
	17.8

REMEDIATION PLAN

- Reactive Response
 - Completed full circuit inspection September 2017 – identified tree trimming
 - Clearing trees contacting overhead power lines by end of February 2018
 - Install animal guards at Substation by beginning of February 2018.
- Proactive Response
 - Installation of additional equipment to minimize customer impact.
 - Using drone technology with infrared scan to proactively assess equipment

TREE TRIMMING



POINTS OF CONTACT

- Senior Executive Leadership
 - Rudy Garza – 210-353-3640
 - Maria Garcia – 210-353-2368
- Engineering Executives
 - Ben Jordan- 210-353-4493
- CPS Energy Construction
 - Tony Alvarado 210-353-4128
- To Report Unplanned, Extended Outages
 - CPS Outage Line – 210-353- HELP (4357)

