DOCKETED							
Docket Number:	85-AFC-03C						
Project Title:	Compliance - Application for Certification for Midway-Sunset Cogeneration Project						
TN #:	231188						
Document Title:	2018 Annual Compliance Report (Part 3)						
Description:	N/A						
Filer:	Mary Dyas						
Organization:	California Energy Commission						
Submitter Role:	Energy Commission						
Submission Date:	12/12/2019 10:58:18 AM						
Docketed Date:	12/12/2019						

MIDWAY SUNSET INSPECTION REPORT PO # 19753

Inspection Dates: 4/24/2018 through 4/26/2018

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY .IST	2018 COMMENTS
	1		l .	5	CGP	(5) Guys not attached to cow guard poles in pasture land.
				5	D	Daylight between pole and pole eye plates - several dead end attachment items are loose (show daylight), but secure. These are a result of pole shrinkage over the years
	9 new anchors			5	D	Daylight between south guy attachment and pole and pole eye plates - up to 1/4"-3/4"
1-1	installed 8/2015	3	N/A	5	HVS	HVS missing or needs replacing (3)
				3	LG	(3) Loose guy wires on the southside of the three pole structure backing up the phases.
				1	BL	Range land; Grass needs to be trimined back from around poles prior to dry season
				5	CR	Spiral crack, A & C poles full length
			COND AND EHS BOTH - AH and BK	5	CR	C pole horizontal insulator hardware bolt in crack
1-2	ОК	3		5	HVS	HVS missing or needs replacing (2)
				3	LG	(1) Bisecting guy wire supporting the static needs adjusted. All three poles are bowed into the angle above phases due to improper guy tensions.
				1	臫	Range land; Grass rieds to be trimmed back from around poles prior to dry season
		3	COND AND EHS BOTH - AH and	4	LN	Loose (1) 1/2* nut on B phase center bottom V brace
1-3	N/A			5	HVS	HVS missing or needs replacing (1)
			BK	1	RL	Range larid; Grass needs to be trimmed back from around poles prior to dry season
				4	LN	(1) 1/2" bolt backed out 1/8" under center bottom V brace
				5	D	Daylight between V brace and A & B poles (less than 1/4")
			N/A	5	D	Daylight between top of X brace and A pole (less than 3/8")
1-4	N/A	3	N/A	4	BW	End of bird wire loose above C phase
	=			5	XB	X-braces starting to de-laminate.
				1	FL	Range land; Grass needs to be frimmed Back frem around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS																															
				5	S	Ground wire staples on A pole coming out in several places																															
1-5	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	A & B pole shield wire HDW bolting through a spiral crack Shield wire brackets BOL hard. C phase AOL																															
			DN.		RL	Range land																															
				5	SWTD	Spring Washer turned down on upper X brace A pole																															
1-6	N/A	3	N/A	1	BN	Birdnest on arm by pole A.																															
				1	BL	Range land; Grass needs to be trimmed back frem around poles prior to dry season																															
				4	BW	Bird wire coming loose above A phase																															
				5	CR	Crack in A pole is up to 1" wide 10' up																															
	were		COND AND EHS BOTH - AH and BK	5	D	Daylight at C phase V brace																															
1-7	N/A	3				5	D	Daylight at bottom of X brace at both A and B pole (<1/8")																													
				5	HVS	HVS missing or needs replacing (3)																															
				1	FIL	Range land; Grass needs to be frimmed back from around poles prior to dry season																															
				5	CR	A & C pole split at shield wire hardware attachment																															
	,			5	S	Ground wire staples in various places coming out on A, B, C poles																															
	7 new anchors			5	D	Daylight between pole eye plate and pole on A, B, C poles (1/4" to 1/2")																															
1-8	installed 8/2015	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	I I	N/A	N/A	N/A	N/A	N/A				N/A	N/A	N/A	N/A		N/A	5	HVS	HVS missing or needs replacing (3)							
				5	GG	Guy Guards missing (3).																															
				1		Bange land; Grass needs to be trimmed back from around poles prior to dry season																															

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS										
				5	S	Ground wire staples on A and B poles coming out in upper portion of pole										
				5	CR	Bottom X brace hardware in crack										
			COND AND EHS	4	MN	Missing (1) 1/2" nut on bottom V brace above A phase										
2-1	N/A	3	BOTH - AH and BK	5	GW	Ground wire (normally above pole tops) bent down below top of pole										
				5	HVS	HVS missing or needs replacing (4)										
				1	ij	Range land; Grass needs to be trimmed back from around poles prior to dry season										
				4	MN	Missing (1) 1/2" nut and (1) 1/2" lock nut on X bracing center clamp										
		3	N/A	N/A	N⁄A	N/A	4	LN	A pole top X brace - loose bolt backed out 1/2"							
														5	S	Ground wire staples on B pole coming out above cross arm
2-2	N/A						5	D	Daylight between B pole and bottom X brace attachment (1/8")							
							5	S	A pole top ground wire loose from top of pole							
					5	HVS	HVS missing or needs replacing (3)									
				1		Range land; Grass needs to be trimmed back from around poles prior to dry season										
				5	CR	Large split on the top of B pole; at static rail attachment (1 side of pole only). Spiral cracking up to 10' (1' wide)										
				5	S	Ground wire staples in several places on B pole bottom are backing out										
				5	GW	Ground wire (normally above pole tops) bent down below top of pole										
2-3	N/A	3	COND AND EHS BOTH - AH and	5	D	Daylight between A pole and upper X brace (1/8")										
			ВК	4	BW	Bird wire end loose above B phase, but not hanging down										
				5	HVS	HVS missing or needs replacing (2)										
		1-		1		Range land; Grass needs to be frimmed back from around poles prior to dry season										

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS
				5	D	Daylight between B pole and bottom X brace (1/8")
				4	BW	Bird wire end loose above B phase, but not hanging down
2-4	N/A	3	N/A	5	CR	Minor cracking in various places going up A & B poles
				5	HVS	HVS missing or needs replacing (3)
				1	AL	Range land; Grass needs to be trimmed back from around poles prior to dry season
			COND AND EHS BOTH - AH and	4	MN	Missing (1) 5/8" nut above C phase inside crossarm; and Loose (1) 1/2" bolt backed out 1/8" upper outside V brace B pole
		3			EHS	A pole shield wire BOL (approx. 2")
2-5	N/A				COND	A phase BOL 3-4" due to structure twist
			ВК	5	HVS	HVS missing or needs replacing (2)
				1	BL	Range land; Grass needs to be trimmed back from around poles prior te dry season
				4	LN	Loose (1) 1/2" bolt backed out 1/8" upper outside V brace B pole
	2 new			5	D	Daylight between A pole and top outside V brace (1/8*)
2-6 anchors		3	N/A	5	D	Daylight between pole and guy wire brackets - up to 1/4"
	8/2015			5	HVS	HVS missing or needs replacing (4)
				1	BL	Range land; Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS
				5	D	Daylight between pole eye plate and pole on guy attachment on A, B and C poles (up to 1/2")
				5	CGP	Cow guard pole is broken off (C pole) and needs to be replaced
				6	GG	Guy Guards missing (6)
	8 new anchors	20	COND AND EHS	5	М	Shotgun pattern on C Pole - no damage to hardware (old)
2-7	installed 8/2015	3	BOTH - AH and BK	5	S	Ground wire on B & C poles loose in several areas
				5	HVS	HVS missing or needs replacing (2)
			i ,	3	LG	Loose guy wire at static that ties all three structures together. Bisecting guy wire supporting the static also needs adjusted. All three poles are bowed into the angle above phases due to improper guy tensions.
				1	RL	Bange land; Grass needs to be frimmed back from around poles prior to dry season
				4	LN	Loose (1) 1/2" nut on bottom V brace above B phase
		3	N/A	4	BGW	Missing ground wire on B pole in X-brace area - due to many staples missing
				5	D	Daylight between upper V brace on A and B poles
				5	CR	A & B pole crack at hardware
2-8	N/A			5	CR	B pole upper X-brace HDW in cracks
				5	CR	B pole cracking full length 1/4" to 3/4" wide
				5	D	Daylight between A pole and bottom X brace (1/8")
					EHS	Both shield wires BOL 1-2"
	E			1	BL	Rainge land)
				4	LN	Grass needs to be trimmed back from around poles prior to dry season Loose (2) 1/2" bolt upper V brace both A and B poles (backed out heads)
				4	BW	Bird wire end loose above A phase, but not hanging down
3-1	N/A	3	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (4)
	ľ		ВК	0	IP	Inproper pin used on static shoe on pole B. It is long giving the appearance it is falling out.
				1	RL	Ratige land; Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
				5	CR	B pole vertical cracking full length 4-6 ft.
					COND	A phase Cond AOL 3"
3		-			COND	C phase AOL 1/2"
3-2	N/A	3	N/A	5	SWTD	Spring Washer turned down on bottom X brace A pole
			5	5	HVS	HVS missing or needs replacing (2)
				1	BN	Bird nest on arm by pole B.
				1		Barige land;
				5	D	Grass needs to be trimmed back from around poles prior to dry season Daylight between A pole and bottom X brace attachment (up to 1/4")
				5	D	Daylight between top V brace and B Pole
		3		9		Daylight between 8 pole and V brace - up to 1/4"
				5	D	Daylight between B pole and upper V Brace - up to 1/4°
3-3	N/A		COND AND EHS BOTH - AH and	5	D	A and B poles have splits
			BK	5	CR	
				5	HVS	HVS missing or needs replacing (4)
				4	F8	Loose 1/2 inch bolt on knee brace off pole B.
				1		Range land; Grass needs to be trimmed back from pround poles prior to dry season
				5	D	Daylight between bottom X brace and A pole - up to 1/8"
			7	5	CR	A and B poles have splits
	3			4	BW	Bird wire loose above A and C phases, but not haning down
3-4	3-4 N/A	3	N/A	1	BN	There are a couple twigs on crossarm above B phase. Check and if nest is built, remove during next scheduled field maintenance outing
				5	CR	B pole shield wire brace bolt in crack
				5	HVS	HVS missing or needs replacing (4)
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	22,000	ORITY LIST	2018 COMMENTS
				5	CR	A pole X brace hardware bolt in crack
				1	BN	A couple twigs on Crossarm @ B pole - offeck status during next scheduled inspection
				5	CR	A & B pole miner cracks
3-5	N/A	3	COND AND EHS BOTH - AH and	5	D	Daylight between A pole and bottom X brace
			BK	5	D	Daylight between B pole and upper X brace
				5	HVS	HVS missing or needs replacing (3)
				1		Range land Grass needs to be trimmed back from around poles prior to dry season
			N/A	5		At top of A pole where static rail attaches, there is a big crack on both sides of pole - no concern at this time. (repair would be 12" or 14" anti split bolt with 4"x4" curved washers, spring washers, # 6 copper for bonding, below rail).
				4	BW	Bird wire coming loose above C phase
				4	LN	Loose (1) 1/2" nut on V brace to B pole
	2 new anchors			5	CR	A pole lower X-brace hardware bolt in crack
3-6	installed 8/2015	3		N/A	5	s
				5	D	Daylight between B pole and lower X brace attachment
				5	HVS	HVS missing or needs replacing (1)
				1	RE	Range land; Grass needs to be frimmed back from around poles prior to dry season
			3022 92 405 92 40	5	D	Daylight between A pole and lower X brace attachment
3-7	N/A	3	COND AND EHS BOTH - AH and	4	BW	Bird wire B phase - held in place with electrical tape
			BK	1	BL.	Range land) Grass needs to be trimmed back from around poles prior to dry season

STRINO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS											
	N 90 8			5	CR	B pole X brace has vertical crack at hardware attachment											
				5	CR	A & B poles minor cracking											
10/25		120		5	CR	X-brace hardware in several cracks											
4-1	N/A	3	N/A	5	D	Daylight between V-brace and B pole - up to 1/4" daylight											
		5.	Į.	5	HVS	HVS missing or needs replacing (1)											
				1	FIL	Range land; Grass needs to be frimmed back from around poles prior to dry season											
				5	CR	A pole vertical crack from ground to X-brace											
			COND AND EHS BOTH - AH and BK						1	BN	Large bird nest above B phase - plan on removing during next scheduled maintenance outage						
		3		5	CR	B pole crack ground up to 10'											
4-2	N/A			5	CR	A & B brace bolts are thru cracks											
				5	HVS	HVS missing or needs replacing (2)											
				1		Range land; Grass needs to be trimmed back from around, poles prior to dry season											
				5	CR	B pole - EHS attachment bolt in crack											
			N/A												4	BW	Bird wire ends loose above A and C phases - hanging down a few inches
4-3	N/A	3		5	HVS	HVS missing or needs replacing (2)											
				2	BN	Birds nest started over B phase.											
				1	PIL	Range (and) Grass needs to be trimmed back from around poles prior to dry/season											
				5	CR	A pole, large crack, ground to 10' - up to 3/4" wide											
gi dent		3	COND AND EHS	5	D	Daylight between A pole and lower X brace attachment											
4-4	N/A		BOTH - AH and BK	5	HVS	HVS missing or needs replacing (1)											
				1		Range land) Grass needs to be trimmed back from areund poles prior to dry season											

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY .IST	2018 COMMENTS									
				5	CR	A- Pole vertical crack 20' up , 7" deep, 1/2" wide									
				4	BW	Bird wire coming loose above B phase									
4-5	N/A	3	N/A	5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"									
			4	5	HVS	HVS missing or needs replacing (1)									
				1	RL	Range land; Grass needs to be frimmed back from around poles prior to dry season									
				5	CR	B pole vertical cracking to 20' - first 8' up to 3/4" wide and up to 9" deep									
			COND AND EHS BOTH - AH and BK	BOTH - AH and	4	BW	Bird wire coming loose above C phase								
4-6	N/A	3			BOTH - AH and	BOTH - AH and	BOTH - AH and	BOTH - AH and	BOTH - AH and	BOTH - AH and	BOTH - AH and	5	CR	Crack in B pole - ground to 9' - 1" wide up to 9" deep	
		e		5	HVS	HVS missing or needs replacing (2)									
				1	FIL	Range land; Grass needs to be trimmed back from around poles prior to dry season									
				5	М	Bike rack chained to base of B pole									
													4	MN	Missing (1) 5/8* nut above C phase inside crossarm
			1000	5	D	Daylight between top V brace and B Pole									
5-1	N/A	3	N/A	4	MN	Missing (1) nut on crossarm above A phase - crossarm to phase bracket									
				5	HVS	HVS missing or needs replacing (1)									
				1	BL	Range land; Grass needs to be frimmed back from around poles prior to dry season									
			Samuel Period Property	5	CR	A pole spiral cracking - with conductor crossarm bolt in crack									
5-2	N/A	3	3 BOTH - AH and BK	5	HVS	HVS missing or needs replacing (1)									
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season									

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY .!ST	2018 COMMENTS	
				5	CR	Top of B pole split at EHS attachment	
	2 new anchors		COND AND EHS	5	CR	Minor cracking entire length - B pole	
5-3	installed 8/2015	3	BOTH - Only BK	5	HVS	HVS missing or needs replacing (1)	
		10.00 m.d		1	AL	Range land; Grass needs to be trimmed back from around poles pitor to dity season	
				5	CR	A pole - vertical crack at crossarm bolt	
				5	D	Daylight between A pole and V brace	
5-4	N/A	3	COND AND EHS BOTH - Only BK	4	BW	Bird wire end loose above B phase	
				5	HVS	HVS missing or needs replacing (1)	
				1		Range land; Grass needs to be trimmed back from around poles prior te dry season	
			COND AND EHS	4	BW	Bird wire end loose above C phase	
				4	MN	Missing (1) 5/8" nut above A phase inside crossarm	
					5	SWTD	B pole - top of lower X brace - spring washer turned down
				5	CR	B pole - lower X-brace - upper bolt in large crack	
5-5	N/A	3	BOTH - AH and BK	5	CR	Vertical crack at X brace attachment	
				2	BN	Bird nest started on arm above B phase.	
				4	MN	Missing 1/2 inch locknut on X-brace clamp.	
				1	AL	Range land; Grass needs to be trimmed back from around poles prior to dry season	
				5	CR	B pole vertical cracking	
5.0	7 new anchors	100	.,,,	5	CR	Guy brace on C pole - bolt thru crack	
5-6	installed 8/2015	3	N/A	5	HVS	HVS missing or needs replacing (3)	
				1		Range land; Grass needs to be trimmed back from around poles prior te dry season	

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STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
				5	м	SS hump back cotter key on end of insulator - B phase needs to be tapped in place next time crews are working on structure (this has beer out since insulators were installed 2 years ago); and SS hump back key only half way in on yoke plate, same assembly
				5	D	Daylight between A pole and guy attachment hardware - up to 1/2*
5-7	4 new anchors	3	COND AND EHS	5	D	Daylight between B pole and guy attachment hardware - up to 1/4*
3,	installed 8/2015	, v	BOTH - Only BK	5	CR	A pole spiral cracking
				5	CR	B pole vertical cracking
				5	HVS	HVS missing or needs replacing (2)
Ш				1	0.0000	Range land) Grass needs to be frimmed back from around poles prior to dry season
				4	LN	Loose (1) 1/2" nut on bottom V brace above C phase
				5	D	Daylight between guy support and A Pole
			COND AND EHS BOTH - Only BK	5	SWTD	B pole -bottom of X brace - spring washer turned down
6-1	2 new anchors	3			COND	A & C phase insulators BOL 3-5"
G5. 27	installed 8/2015	,			COND	A phase highest sag - B phase mid sag - C phase lowest sag
				5	HVS	HVS missing or needs replacing (1)
				3	EC	Pole A six feet from a steep embankmen, needs erosion control.
				1		Range land) Grass needs to be trimmed back from around poles prior to dry season
			34		COND	A & C phase BOL 2-3"
			COND AND EHS	5	D	Daylight between A pole and upper X brace
6-2	N/A	3	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)
			= 4	3	EC	Pole A ten feet from a steep embankmen, needs erosion control.
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season

ANCHOR	FIRE CATEGORY	DAMPERS			2018 COMMENTS														
			1	BN	Nest on crossarm above B phase - recommend removal during next scheduled outage														
	fu .		5	CR	A & B poles, minor spiral cracking														
			5	CR	B pole shield wire hardware bolt in crack														
				COND	A Phase BOL 1-3"														
N/A	3	N/A	5	D	Daylight between B pole and bottom X brace														
			5	CR	Crossarm bolting in spiral crack														
			5	HVS	HVS missing or needs replacing (2)														
			5	ХВ	X-brace starting to de-laminate.														
			1	BŁ	Range land;														
	3		5	D	Grass needs to be trimmed back-from around poles prior te dry season Daylight between pole and guy attachments														
9		COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (1)														
anchors			3	LG	Bisecting down guy backing up static is loose and needs tightened.														
8/2015			2	СК	Cotter key halfway out where turnbuckle meets insulator.														
			1	RL	Range land)														
			1	BN	Grass needs to be trimmed back from ground poles prior to dry season Bird nest above B phase - recommend removal during next scheduled outage														
			5		Daylight between A pole and V brace - up to 1/4"														
	1		77.0		A and C phase insulators BOL														
N/A	3	N/A	5		A & B poles minor cracking														
. = • •		147	-	-		-		140	-	-				-	-	-		3.40.6537	HVS missing or needs replacing (1)
					X-brace starting to de-laminate.														
			4		Range land) Grass needs to be trimmed back from around poles prior to dry season														
	A new anchors installed	N/A 3 A new anchors installed 8/2015	N/A 3 N/A A new anchors installed 8/2015 A new anchors installed 8/2015	ANCHOR CATEGORY DAMPERS 1 5 5 5 5 5 5 1 4 new anchors installed 8/2015 3 COND AND EHS S 5 5 1 1 1 5 5 5 1 1 5 5 5 1 1 5 5 5 1 1 5 5 5 5 1 1 5	ANCHOM CATEGORY DAMPERS LIST 1 BN 5 CR 5 CR COND 5 CR 5 HVS 5 HVS 5 HVS 5 HVS 6 D 5 HVS 6 D 7 COND AND EHS 8 DTH - AH and 8 M DE COND 8 DE COND 1 BL 1 BN 5 D 5 HVS 6 D 7 COND 1 BN 5 D 7 COND														

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	200000000000000000000000000000000000000	ORITY LIST	2018 COMMENTS
				5	М	Guy pole bands on A and B poles slipped down pole initially - no movement over the past several years. No lags in pole bands to fiold position with pole shrinkage.
				1	OJI	Old style jumper insulator assemblies (3) still in place - recommend change out to new insulators during next scheduled outage
	G.			5	GG	Missing (1) yellow guy guard - also guy guard post to attach guy wire to is broken off - should be replaced at some point in time
	6-6 SEE NOTE		COND AND EHS	5	s	A, B, & C ground wires pulled away from poles (up to 10')
6-6		3	BOTH - AH and BK	5	CR	A & C poles, minor vertical/spiral cracking
				5	D	Daylight between C pole and guying attachment - up to 1/2"
				5	HVS	HVS missing or needs replacing (1)
				1	BL	Range land; Grass riseds to Be,frimmed back from around poles prier to dry season
		3	N/A		COND	BOL sag off - B & C phase insulators AOL (A phase sag lowest - B phase middle sag - C phase sag highest)
				5	HVS	HVS missing or needs replacing (3)
7-1	N/A			5	D	Daylight between B pole and lower X brace
				5	CR	Lower X-brace bolt through large crack
				1	BL	Range (and) Grass needs to be frimmed Back from around peles prior to dry season
				5	D	Daylight between A pole and bottom X brace
	l lucii		COND AND EHS BOTH - AH and BK	5	CR	Vertical cracking A & B pole
7-2	N/A	3		5	HVS	HVS missing or needs replacing (2)
				4	AL	Range land) Grass needs to be trimmed back from around poles prior to dry season

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STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS	
					COND	B & C phase insulators AOL - 2"	
				5	D	Daylight between B pole and V brace	
		_		5	SWTD	B pole - top of X brace - spring washer turned down	
7-3	N/A	3	N/A	5	S	Staples on B pole coming out – 2/3 pole length	
: .				5	HVS	HVS missing or needs replacing (1)	
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season	
				5	CR	B pole top is splitting, spiral cracking on A pole	
			COND AND EHS	5	SWTD	B pole - bottom of X brace - spring washer turned down	
7-4	7-4 N/A 3	BOTH - AH and BK		BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)
				1	RL	Range land) Grass-needs to be trimmed Back from around peles prior to dity season	
			17.	4	LN	Loose (1) ½" nut on bottom outside V brace above C phase	
			N/A	4	LN	Loose (1) ½" nut on bottom center phase V brace	
					4	MN	Missing (1) ½" nut on bottom center phase V brace
7-5	N/A	3		5	D	Daylight between A pole and V brace	
				5	Đ	Daylight between A pole and upper X brace	
				5	CR	A & B poles minor cracking	
				1	BL	Range larid; Grass needs to be trimmed back from around poles prior to day season	
				5	D	Daylight between top X bracing and B pole - up to 3/8"	
		3		4	LN	Loose (1) ½" nut on center bottom V brace	
7-6	N/A		COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (2)	
			ВК	1	BN	Bird nest on arm by pole B.	
				1	RL	Range land; Grass needs to be frimmed back from around poles prior to dry season	

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS
				4	LN	Loose (1) ½" nut on bottom V brace - above A phase
		/i-1		5	CR	Spiral cracking B pole at bottom of X-brace
7-7	N/A	3	N/A	5	HVS	HVS missing or needs replacing (1)
				1	RL	Range land; Grass needs to be frimmed back frem around peles prior to dry season
				5	CR	B pole shield wire bolt in crack
7-8	N/A	3	COND AND EHS BOTH - AH and	5	CR	Spiral cracking middle of B pole
			ВК	1	RL	Range kindi,
				4	MN	Grass needs to be trimmed back from around peles prior to dry season Missing (1) 1/2" nut on bottom center V brace, and loose (1) 1/2" nut on Bottom center V-brace
		3	ОК	5	CR	B pole crack at X brace attachment bolt
8-1	N/A			5	CR	A & B pole spiral cracking
				90	AL	Range land;
						Grass needs to be frimmed back from around poles prior to dry season Loose staples on A, B and C poles
			COND AND EHS BOTH - AH and	5	S	
		3		5	D	Daylight between guy / conductor attachment on A & B pole - up to 1/2" at top for guy; and up to 1" for conductor
	7 new			5	D	Daylight between guy / conductor attachment on B pole - up to 3/8"
8-2	anchors installed			5	CR	B & C phase insulator hardware bolts are in or next to vertical cracks
	8/2015		BK	5	CR	A and B pole shield wire hardware bolts in cracks
				5	HVS	HVS missing or needs replacing (4)
				1	AL	Range land; Grass needs to be trimmed back from around poles prior te dry season
				5	D	Daylight between grid gains on conductor attachment side, all poles - A & B phase up to 1/2"; C phase up to 1"
	10 new			1	OJI	Old style jumper insulator assemblies (3) still in place - recommend change out to new insulators during next scheduled outage
8-3	anchors installed 8/2015	3	N/A	5	HVS	HVS missing or needs replacing (1)
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
					COND	A phase insulator BOL
				5	S	Loose staples on lower portion of A pole
8-4	N/A	3	COND AND EHS BOTH - AH and		EHS	Shield wire attachments on both sides of structure pulled BOL up to 2"
5.4	100	Ů	BK	5	D	Daylight between A pole and bottom X brace - up to 1/8° gap
				5	HVS	HVS missing or needs replacing (2)
				1		Range land) Grass needs to be trimined back from around poles prior to dry season
8-5	8-5			5	HVS	HVS missing or needs replacing (2)
				1	ME	Range land; Grass riceds to be filmined back from around poles pilor to dry, season
		3	COND AND EHS BOTH - AH and BK	5	CR	A pole shield wire bolt in crack
8-6	2 new anchors			5	CR	Upper V-brace bolt at B pole in crack
	installed 8/2015			5	CH	B pole crack FROM ground to 10' up (6" deep X 1" wide)
				1	HL.	Range land; Grass needs to be trimmed back from around poles prior to dry, season
				5	CR	A pole has crack 6" deep and 1" wide from ground level to 12' up
8-7	N/A	3	N/A	4	MN	Missing (1) ½" nut on center bottom V brace
				1		Range land; Grass needs to be trimmed back from around poles prior to dry season
				1	OI	Old style braced post insulator assemblies still in place - recommend change out to new insulators during next scheduled outage
	4 new		COND AND EHS	5	D	Daylight between C pole insulator plate, upper bolt head out 1/4" from plate
8-8	anchors installed 8/2015	3	BOTH - AH and BK	5		Restricted access - single twisted wire on steel posts to keep oil field traffic within bounds - should be no issue if access needed to get to structure site for work
	8/2015			5	HVS	HVS missing or needs replacing (4)
				1		Range land; Grass needs to be trimmed back from around peles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
				5	CR	A pole vertical split from ground to 30' - at 10', 1-1/2" wide crack up to 9" deep
				5	D	Daylight between A and B poles lower X brace attachment - up to 1/8"
9-1	9-1 N/A	3	N/A	5	RA	Restricted access - single twisted wire on steel posts to keep oil field traffic within bounds - should be no issue if access needed to get to structure site for work
				5	HVS	HVS missing or needs replacing (1)
				1	BL	Range land; Grass needs to Be trimmed back from around poles prior to dry season
					COND	A Phase insulator BOL approx. 2"
		3	COND AND EHS BOTH - AH and	5	D	Daylight between A pole and bottom X brace attachment - up to 1/8*
9-2	N/A			5	CR	B pole cracked at upper hardware
			вк	1	RA	Existing access restricted - above ground piping blocking access (up to 18 pipes at this time) - if needing to access structure come in from cross road (BOL) then on ROW
				٩		Range land) Grass needs to be trimmed back from around poles prior to dry season
		3	N/A -	5	BW	Missing bird wire above C phase.
					М	Distribution line approx. 20 ft BOL from structure
9-3	N/A			1	RA	Existing access restricted - above ground piping blocking access (up to 16 pipes at this time) - if needing to access structure come in from cross road then on ROW
				1		Range land) Grass needs to be trimmed back from ground poles, prior to day season
-				4	MN	Missing (1) ½" nut on bottom center V bracing - above crossarm
				5	D	Daylight between B pole and bottom X brace attachment -up to 1/8"
	1272		COND AND EHS		EHS	B pole shield wire AOL 2"
9-3.5	N/A	3	BOTH - AH and BK	1	RA	Existing access restricted - above ground piping blocking access (up to 18 pipes at this time) - if needing to access structure come in from cross road then on ROW
				5	HVS	HVS missing or needs replacing (4)
				1	RÌL	Range land; Grass needs to be frimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS			
					EHS	A & B shield wire BOL 1°			
				5	D	Daylight between A pole and V brace			
9-4	N/A	3	N/A	1	RA	Existing access restricted - above ground piping blocking access (up to 6 pipes at this time) - if needing to access structure come in from cross road then on ROW			
				5	HVS	HVS missing or needs replacing (2)			
				1	BL	Range land; Grass needs to be frimmed back from around poles prior to dry season			
		3		4	MN	Missing (1) 1/2" nut and loose (1) ½" nut on bottom center V brace			
			COND AND EHS BOTH - AH and BK					EHS	Shield wire on B pole pulled BOL approx. 1"
9-5	N/A			5	CR	B pole split 10' x 1/2' x 6" depth			
9-5	INVA			1	RA	Existing access restricted - above ground piping blocking access (up to 6 pipes at this time) - if needing to access structure come in from cross road then on ROW			
				5	HVS	HVS missing or needs replacing (1)			
				1	PL	Range land; Grass needs to be trimmed back from around poles prior to dry season			
			N/A	*	М	Distribution line approx. 12 ft BOL from structure			
9-6	N/A	2		1	RA	Existing access restricted - above ground piping blocking access (up to 6 pipes at this time) - if needing to access structure come in from cross road then on ROW			
9-6	NVA	3		5	HVS	HVS missing or needs replacing (3)			
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season			
				4	MN	Missing (1) 1/2" nut on bottom outside V brace on A phase, and (1) 1/2" bolt head backed out a bit			
				4	LN	Loose (1) 1/2" nut on bottom center V brace			
9-7	N/A	3	BOTH - AH and		М	New road past structure to well site - AOL			
			BK	5	HVS	HVS missing or needs replacing (4)			
				1	RL	Range land; Grass needs to be trimmed back from around poles prier to dry season			

STRINO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS	
				5	D	Daylight between pole and gain plates and hardware (3 places) for conductor attachment to eyebolts on AOL side	
					М	New C pole installed fall of 2014	
	9 new			5	CR	B & C starting to develop a split	
10-1	anchors installed	3	COND AH - no EHS	1	Oll	Still has old style jumper insulators	
	8/2015			2	GG	Missing (8) guy guards	
				5	HVS	HVS missing or needs replacing (4)	
				1	BL	Range land) Grass needs to be frimmed backfrom around poles prior to dry season	
	ÿ	3	N/A	4	LN	Loose (2) 1/2" nuts on bottom outside V brace above C phase	
				4	LN	Missing (1) 1/2" nut on bottom center V brace	
				5	CR	A pole 3/4" - 1" crack ground to 15'	
10-2	N/A			N/A	5	D	Daylight between B pole and bottom X brace
				5	D	Daylight between B pole and upper V brace	
				5	HVS	HVS missing or needs replacing (2)	
	2			1	RL	Range land) Grass needs to be frimmed back from around poles prior to dry season.	
			٠		144	RESTRICTED ACCESS - WALK IN ONLY (added note 2016) Loose (1) 1/2" nut on bottom center V brace	
		3	COND AND EHS BOTH - AH and BK	4	LN	Loose (1) 1/2" nut on bottom X brace to B pole	
10-3	N/A			4	LNC	HVS missing or needs replacing (3)	
				5	HVS	Range langi	
				1	BL	Range land) Grass needs to be trimmed back from around poles prior to dry season	

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY	2018 COMMENTS
		3:		4	LN	RESTRICTED ACCESS - WALK IN ONLY (added note 2016) Loose (1) 1/2" nut on bottom outside V brace on C phase
				5	М	Minor shotgun damage on both poles
10-4	N/A	3	N/A	5	SWTD	A pole - bottom X brace - spring washer turned down
				5	HVS	HVS missing or needs replacing (4)
				1		Range land; Grass needs to be frimmed back from around poles prior to dry season
					EHS	RESTRICTED ACCESS - WALK IN ONLY (added note 2016) East shield wires pulled AOL approx. 1"
10-5	N/A	3	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (3)
			BK	1		Ratige land; Grass needs to be trimmed back from around poles prior to dry season.
						RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
			N/A	4	MN	Missing (2) 1/2" nuts and (1) loose 1/2" nut on bottom center V bracing
				5	D	Daylight between upper V brace and A pole
10-6	N/A	3		5	SWTD	B pole - top X brace - spring washer turned down
				5	HVS	HVS missing or needs replacing (3)
				1		Range land; Grass needs to be trimmed back from around poles prior to dry season
						RESTRICTED ACCESS - WALK IN ONLY (added note 2018) Loose (1) 1/2" nut on upper X brace A pole
				4	LN	
				5	D	Daylight between bottom X bracing and V bracing and pole, on A pole side - less than 1/4"
			COND AND EHS	5	D	Daylight between B pole and upper V braced V bracing and pole, on A pole side - less than 1/4"
10-7	N/A	3	BOTH - AH and BK		EHS	B pole shield wire pulled AOL approx. 1"; and A pole shield wire pulled BOL approx. 1"
				5	CR	Crack on B pole @ upper X brace
				5	HVS	HVS missing or needs replacing (4)
				1		Range land; Grass needs to be frimmed back from around polds prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	9000000	ORITY	2018 COMMENTS
						Daylight between upper V brace and A and B poles - up to 1/4"
				5	D	
				5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"
					EHS	A pole shield wire pulled BOL up to 2*
10-8	N/A	3	N/A	4	MN	Missing (2) 1/2" nuts - 1 on bottom V brace - A and C phase
				4	LN	Loose (1) 1/2" nuts - bottom V brace - Center phase
				5	HVS	HVS missing or needs replacing (3)
				1		Range land) Grass needs to be trimmed back from around poles prior to dry season
/		3	COND AND EHS BOTH - AH and BK			RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				4	MN	Missing (1) 1/2" nut on bottom center V brace
				5	D	Daylight between A pole and upper V brace
11-1	N/A			5	CR	Crack on A pole - 5' up 4' long - 1" wide x 4" deep
				5	HVS	HVS missing or needs replacing (3)
				1		Range land; Grass needs to be trimmed back from around poles pilor to dry season
					MES	RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				5	CR	Big crack through pole at crossarm attachment on B pole (repair would be install 14" or 16" anti split bolts with 4"x4" curved washers, spring washers, # 6 copper for bonding)
				.5	D .	Daylight between upper V brace and A pole
11-2	N/A	3	N/A	4	MN	A pole upper X brace has 1/2" bolt hanging 6" down - recommend putting bolt back in place and installation of nut and locknut during next scheduled outage
				5	SWTD	B pole - top X brace - spring washer turned down
				5	HVS	HVS missing or needs replacing (4)
77				1		Range land; Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY	2018 COMMENTS
				5	D	Daylight between bottom of upper X bracing and bottom of lower X bracing on both A and B poles - less than 1/4"
11-3	N/A	3	COND AND EHS BOTH - AH and	5	CR	A pole has crack 7/8" wide x 4" deep near bottom of pole
			ВК	5	HVS	HVS missing or needs replacing (2)
				1	RL	Range land) Grass-needs to be trimmed back from around poles prior to dry season
				5	CR	Crack on B pole - 3/4' wide from 5' to 20' up pole
11-4	N/A	3	N/A	5	s	Loose ground wire A pole - 15' up
	190		IVA	5	HVS	HVS missing or needs replacing (4)
				1	AL	Range land; Grass needs to be trimmed back from around poles prior to dry season
		3	COND AND EHS BOTH · AH and BK	5	D	Daylight between upper outside V bracing and B pole - up to 1/4"
				5	D	Daylight between lower X brace and B pole
11-5	N/A			5	D	Daylight between B pole and bottom of upper X brace attachment - up to 1/8"
	3.40			5	SWTD	B pole - top X brace - spring washer turned down
				5	HVS	HVS missing or needs replacing (4)
				4	AL	Range land; Grass needs to be trimmed back from around poles prior to dry season
				4	MN	RESTRICTED ACCESS - WALK IN ONLY (added note 2016) Missing (1) 1/2" nut on bottom center V brace
				4	MN	Missing (1) 1/2" lock nut on X bracing center clamp
11-6	N/A	3	COND AND EHS BOTH - AH ONLY	5	s	A pole ground wire loose 10' up pole
				5	HVS	HVS missing or needs replacing (4)
				1	AL	Range land; Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS
				4	LN	Loose (1) 1/2" nut on bottom center V brace - head backed out 1/16"
11-7	N/A	3	N/A	5	HVS	HVS missing or needs replacing (4)
	-			1	肚	Range land; Grass needs to be trimmed back from around poles prior to dry season
				5	D	Daylight between upper outside V bracing and a Pole - up to 1/4"
			COND AND EHS	5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"
12-1	I N/A 3	3	BOTH - AH and BK	5	CR	Crack on B pole along bottom X brace, continue to monitor
						5
				1	RE	Range land; Grass needs to be trimmed back from around poles prior to dry season
-8			N/A	5	MN	Missing (1) 1/2" nut and (1) 1/2" lock nut on upper X bracing center clamp
				5	D	Daylight between upper V brace and B pole - up to 1/2"
12-2	N/A	3		5	D	Daylight between bottom X bracing and A and B poles
				5	HVS	HVS missing or needs replacing (4)
	-2- W-10-			1	BL	Range land; Grass needs to be trimmed back from around poles prior to dry season.
		ı	×	4	LN	RESTRICTED ACCESS - WALK IN ONLY (added note 2016) Loose (1) 1/2" nut on bottom center V brace (bolt backed out 1/8")
			COND AND EHS	5	D	Daylight between A pole and upper X brace attachment; and between B pole and lower X brace attachment (up to 1/8")
12-3	N/A	3	BOTH - AH and BK	5	CR	Crack on A pole from ground to 18" up
				5	HVS	HVS missing or needs replacing (3)
				1	阰	Range land; Grass needs to be frimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY .IST	2018 COMMENTS
			-	4	LN	Loose (2) 1/2" bolt on upper X brace on A pole (head backed out 1/8")
12-4	N/A	3	N/A	5	D	Daylight between B pole and lower X brace attachment
				5	HVS	HVS missing or needs replacing (3)
				1		Range land, Grass needs to be trimmed back frem around peles prior to dry season
				4	LN	Loose (1) 1/2" nut - bolt backed out 1/2" on upper V brace B pole
			COND AND EHS	5	CR	A pole crack 5' to 7' up, 7"+ deep
12-5	N/A	3	BOTH - AH and	4	MN	Missing (1) 1/2" locknut on X brace center clamp
				5	HVS	HVS missing or needs replacing (3)
				1		Range land) Grass needs to be trimmed back from around poles prior to dry season
			N/A	5	D	PRESTRICTED ACCESS - WALK IN ONLY (added note 2016) Daylight between upper V brace and A pole - up to 1/4 -1/2*
5 7				5	D	Daylight between bottom X brace A and B poles - up to 1/4"
12-6	N/A	3		4	LN	Loose (1) 1/2" nut on bottom X brace B pole
12.0		3		5	CR	Crack in A pole at bottom X brace - 1/2 to 3/4 wide
				5	HVS	HVS missing or needs replacing (2)
		10. 7		1	FIL	Range land; Grass needs to be trimmed back from anothel poles prior to dry season
				5	D	RESTRICTED ACCESS - WALK IN ONLY (added note 2016) Daylight between bottom X brace and A pole
			COND AND EHS	5	CR	Crack in B pole in area from crossarm to V brace, spiral bolt to bolt
12-7	N/A	3	BOTH - AH and BK	5	SWTD	B pole - top X brace - spring washer turned down
				5	HVS	HVS missing or needs replacing (4)
				1	RL	Range land; Grass needs to be trimmed back from around peles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
				5	D	Daylight between top V bracing and A pole - less than 1/4"
13-1	N/A	3	N/A	5	D	Daylight between B pole and bottom X brace attachment - up to 1/8"
	367320			5	HVS	HVS missing or needs replacing (4)
				1	配	Range land; Grass needs to be frimmed back from around poles prior to dry season
				4	LN	RESTRICTED ACCESS - WALK IN ONLY (added note 2016). Loose (1) 1/2" bolt backing out on upper X brace on B pole (head backed out 1/8")
			COND AND EHS BOTH - AH and BK	5	D	Daylight between A and B poles X brace bottom
13-2	N/A	3		5	D	Daylight between A pole and V brace - up to 1/4"
				5	CR	Crack on B pole from bottom to 30' up -1" wide x 4" deep
				5	HVS	HVS missing or needs replacing (3)
				1	瓧	Range land; Grass needs to be trimined back from around poles prior to dry season RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				5	D	Daylight between bottom of X bracing and A and B poles - up to 1/8"
					М	Ecological Preserve signs along road
13-3	N/A	3	N/A	5	HVS	HVS missing or needs replacing (3)
				5	D	Daylight between the knee & V braces.
				1	BL	Range land) Grass needs to be trimmed lack from around poles prior to dry season
			COND AND EHS	5	HVS	HVS missing or needs replacing (3)
13-4	N/A	3	BOTH - AH and BK	5	D	Daylight between the knee & V braces.
				1	RL	Range land) Grass needs to be trimined back from around poles prior to dry season

STRNO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
						Crack in pole (6" deep x 1" wide in different planes) from near ground line to approx. 12' up + crack from 20' to 40' up - up to 1"
				5	CR	Crack in pole (o deep x 1 wide in different planes) from field ground line to approx. 12 up + crack from 20 to 40 up - up to 1
13-5	N/A	3	N/A	5	HVS	HVS missing or needs replacing (3)
				1	RL	Range landj Grass needs to be trimmed back from around poles prior to dry season
					GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added note 2016)	
13-6	N/A	3	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (4)
			ВК	1	RL	Range land; Grass needs to be frimmed back from around poles prior to dry season
			N/A			GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added note 2016)
				5	HVS	HVS missing or needs replacing (2)
13-7	N/A	3		4	LN	Loose (1) 1/2" nut -bottom X brace, A pole
				1	FIL	Range land; Grass needs to be frimmed back from around poles prior to dry season
						GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)
				5	CR	B-pole @ bottom x-brace, 8' crack, 1/2" wide
				5	S	Loose ground wire on B pole from 8'
14-1	N/A	3	COND AND EHS BOTH - AH and	5	CR	A-pole ground to12', crack, 7" deep
			ВК .	4	LN	Loose (1) 1/2° nut - V brace above A phase - head backed out up to 1/8°
				5	HVS	HVS missing or needs replacing (1)
				1	BL	Range land; Grass needs to be frimmed back from around poles prior to dry season:

	hos			
			GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)	
	5	CR	A pole spiral crack at X brace attachment	
	5	CR	B-pole spiral crack from ground to 10' up - up to 1" width	
N/A	5	D	Daylight between upper V brace and A pole	
	5	SWTD	A pole - bottom X brace - spring washer turned down	
	5	HVS	HVS missing or needs replacing (2)	
	1	FIL	Range land; Grass needs to be trimmed back from around poles prior to dry season	
			GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)	
N/A	5	CR	A-pole vertical crack, 6' to top, up to 3/4" wide	
	5	HVS	HVS missing or needs replacing (4)	
	1		Range land; Grass needs to be trimmed back from around poles prier to dry season	
N/A			GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)	
		5	D	Daylight between bottom of X bracing and B pole - less than 1/4"
	5	D	Daylight between A pole and V bracing - up to 1/8"	
	5	CR	Cracks on A and B poles near cross arm	
	5	HVS	HVS missing or needs replacing (4)	
	1	癿	Range land; Grass niteds to be trimmed back from around poles prior to dry season	
		1	GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)	
	1		Missing (1) ½° lock nut on bottom X bracing center clamp; and missint (1) 1/2° nut on same clamp. This should be corrected during next scheduled maintenance outage	
COND AND FHS	5	D	Daylight between A pole and upper X brace	
BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)	
	1	BL	Range land; Grass needs to be frimmed back from around poles prict to dry season Aqueduct AOL	
	N/A N/A OND AND EHS OTH - AH and	5 5 5 1 1 5 5 N/A 5 5 5 1 1 1 1 5 5 OND AND EHS OTH - AH and BK 5 5	5 SWTD 5 HVS 1 BL 5 CR 5 HVS 1 BL 5 D 5 D 5 D 5 D 5 HVS 1 BL 5 D 5 HVS 1 BL 5 HVS 1 BL 5 HVS 5 HVS 1 BL	

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	Att. 14797	IORITY LIST	2018 COMMENTS			
						GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)			
				5	CR	Crack on B pole from ground to 35' up - up to 1" wide and 6" deep			
14-6	N/A	3	N/A	5	HVS	HVS missing or needs replacing (3)			
				4	AL.	Range land; Grass needs to be frimmed back from around poles prior to dry season			
			1			GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)			
			COND AND EHS	5	CR	Crack on B pole from ground to 20' up - up to 4-8" deep			
14-7	N/A	3	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)			
				1	RL	Range land: Grass needs to be trimmed back from around poles prior to dry season:			
						GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)			
		3	N/A				5	CR	Crack in B pole at top of X bracing - up to 1 1/2" crack at bolt
				5	CR	A pole twisted AOL - up to 2'; B pole twisted BOL - up to 2'			
15-1	N/A			5	D	Daylight between bottom X bracing and B pole			
	1			5	HVS	HVS missing or needs replacing (4)			
				1	AL	Range land; Grass needs to be trimmed back from around poles prior te dry season			
				No. of the last		GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)			
				5	CR	B pole has several cracks all the way down, with the largest ranging up to 7" deep and 1" wide			
				5	D	Daylight between bottom X bracing and A and B poles - less than 1/4"			
			COND AND EHS	4	MN	Missing (1) 1/2" nut on upper X bracing center clamp			
15-2	N/A	3	BOTH - AH and BK	5	CR	A pole crack from 7' to 15' x 3/4" wide			
				5	CR	Static bar metal brace - B pole Split at bolt. B pole x-brace large split at hardware. Spiral cracking			
				5	HVS	HVS missing or needs replacing (2)			
				1	RL	Range land; Grass needs to be filmined back from around poles prior to dry season			

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS	
				5	CR	B pole bottom X bracing botted into crack	
15-3	N/A	3	N/A	5	HVS	HVS missing or needs replacing (3)	
				1	BL	Range land; Grass needs to be trimmed back from around poles prior to dby season	
				5	CR	B-pole crack, ground to 20'	
15-4	N/A	3	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (3)	
			ВК	1	FIL	Range land; Grass needs to be trimmed back from around peles prior to dry season	
				5	CR	A pole has vertical crack from ground to 20', up to 1" wide x 8" deep	
			N/A		4	MN	Missing (1) 1/2" nut and locknut on X bracing center clamp
15-5	SEE NOTE	E 1		5	HVS	HVS missing or needs replacing (1)	
				1	阻	Range (and) Grass needs to be frimmed back from around poles prior to dry season	
		1	COND AND EHS BOTH - AH and BK	5	CR	A pole crack from near bottom to 30' up - up to 3/4" wide	
2.576.5				3	MN	Missing nut and locknut on X-brace clamp.	
15-6	N/A			5	HVS	HVS missing or needs replacing (3)	
					PT	Pistachio trees - saplings 5-6.5' tall	
		21.020.00		4	LN	Loose (1) 1/2" nut on X bracing center clamp	
16-1	N/A	1	N/A	5	HVS	HVS missing or needs replacing (4)	
					PT	Pistachio trees - saplings 5-6.5' tall	
			COND AND EHS	5	HVS	HVS missing or needs replacing (4)	
16-2	6-2 N/A	1	BOTH - AH and BK		PT	Pistachio trees - saplings 5-6.5' tall	
1000	7220			5	HVS	HVS missing or needs replacing (4)	
16-3	N/A	1	N/A		PT	Pistachio trees - saplings 5-6.5' tall	

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS	
16-4	N/A	1	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (3)	
			BK		С	Cotton field,	
				1	BN	Nest on crossarm above B phase - recommend removal during next scheduled outage	
				5	М	Missing pole ID on pole B	
				4	BGW	Broken ground wire on B pale	
16-5	N/A	1	N/A	5	D	Daylight between A pole and bottom X brace	
				5	HVS	HVS missing or needs replacing (3)	
				Ť	С	Cotton field	
		-			FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1" deep section near bottom of pole	
40.0		4	COND AND EHS			HVS missing or needs replacing (2)	
16-6	N/A	1	BOTH - AH and BK	5	HVS	Cotton field	
					С		
			N/A	5	D	Daylight between B pole and bottom X brace	
16-7	N/A	1		N/A		FED	Farm Equipment Damage - minor - A and B poles - less than 1" deep from 1' up to about 4-1/2' up
10-7	IWA				5	HVS	HVS missing or needs replacing (3)
					С	Cotton field	
			COND AND EHS	5	HVS	HVS missing or needs replacing (2)	
17-1	N/A	1	BOTH - AH and BK		С	Cotton field	
	5,00			5	HVS	HVS missing or needs replacing (3)	
17-2	N/A	1	N/A		С	Cotton field	
**				5	FED	Farm Equipment Damage - minor - A and B poles - nicked by farm equipment - less than 1" deep sections near bottom of poles	
17.0	N/4	^	COND AND EHS		11	HVS missing or needs replacing (4)	
17-3	N/A	3	BOTH - AH and BK	5	HVS	Cotton field	
					С	Outon nois	

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY JIST	2018 COMMENTS
				5	FED	Farm Equipment Damage - minor - A and B poles - nicked by farm equipment - less than 1" deep sections near bottom of poles
27.2	2 new anchors			5	HVS	HVS missing or needs replacing (3)
17-4	installed 8/2015	3	N/A	4	BGW	Broken pole ground at ground level on pole A.
21.0					PT	Pistachio grove trees approaching 16-17 ft height - checked midspan clearance - midspan height of conductor is ~35'-6'
			***	5	FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1" deep section near bottom of pole
				5	CR	B pole has a crack from bottom to top of bottom X brace
17-5	N/A	1	COND AND EHS BOTH - AH and BK	4	BGW	Broken ground wire on A pole
				5	HVS	HVS missing or needs replacing (2)
					С	Alfalfa field
			N/A		EHS	A pole shield wire pulled AOL - up to 1°
17-6	N/A	1		5	HVS	HVS missing or needs replacing (4)
					С	Alfalfa field
				4	LN	Loose (1) 1/2" nut on bottom outside V brace above C phase
25/10/20	e 19537/46		COND AND EHS	4	BGW	Broken ground wire on B pole
17-7	N/A	1	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
					С	Alfalfa field
-				5	HVS	HVS missing or needs replacing (4)
18-1	N/A	1	ок	4	BGW	Broken ground wire on A pole
				-	С	Alfalfa field

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS				
				5	FED	Farm Equipment damage - minor - A and B poles - nicked by farm equipment - up to 1" deep section near bottom of pole				
				5	D	Daylight between A pole and upper V brace				
18-2	N/A	1	COND AND EHS BOTH - AH and BK	4	BGW	Broken ground wire on B pole				
			BK	5	HVS	HVS missing or needs replacing (4)				
					С	Alfalfa field				
				5	М	A couple bird droppings on insulators - OK				
			N/A	N/A					М	Anchor bolt nuts tight and ground wire in place
18-3	N/A	1			5 ,	HVS	HVS missing on steel structures			
					С	Alfalfa field				
			COND AND EHS	5	HVS	HVS missing or needs replacing (3)				
18-4	N/A	1	BOTH - AH and BK		С	Alfalfa field				
				4	BGW	Broken ground wire on B pole				
18-5	N/A	1	N/A	5	HVS	HVS missing or needs replacing (3)				
					С	Alfalfa field				
			COND AND EHS	5	HVS	HVS missing or needs replacing (3)				
18-6	N/A	1	BOTH - AH and BK		С	Cotton field				
					М	Anchor bolt nuts tight and ground wire in place				
18-7	N/A	1	N/A	5	HVS	HVS missing on steel structures				
					С	Cotton field				

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	250,000	IORITY LIST	2018 COMMENTS
				5	D	Daylight between A pole and upper V brace
			COND AND EHS	5	FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1" deep section near bottom of pole
19-1	N/A	3	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (3)
		B a			PT	Pistachio grove trees approaching 16-17 ft height - checked midspan clearance - midspan height of conductor is ~37'-6"
		_		4	MN	Missing (1) 1/2" nut - broken off bolt head on upper X brace on A pole side
10.0		820	N/A	5	FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1" deep section near bottom of pole
19-2	N/A	3		5	HVS	HVS missing or needs replacing (4)
					PT	Pistachio grove trees approaching 16-17 ft height (see comment for str 19-2)
				5	D	Daylight between B pole and bottom X brace
			COND AND EHS BOTH - AH and		EHS	East shield wire pulled BOL up to 3"
19-3	N/A	3			EHS	West shield wire pulled AOL up to 1*
			ВК	5	HVS	HVS missing or needs replacing (4)
					PT	Pistachio grove trees approaching 16-17 ft height (see comment for str 19-2)
		ii		4	LN	Loose (1) 1/2" nut on center V bracing
19-4	N/A	1	N/A	5	HVS	HVS missing or needs replacing (3)
					С	Tomato field

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS
				5	CR	A pole splitting starting at 6' approx. 1" wide x 8" deep
10.5	AVA N		COND AND EHS	5	HVS	HVS missing or needs replacing (3)
19-5	N/A	1	BOTH - AH and BK	5	XB	X-braces installed backwards.
					С	Tomato field
40.0				5	HVS	HVS missing or needs replacing (3)
19-6	19-6 N/A 1	1	N/A		С	Tomato field
		1	COND AND EHS BOTH - AH and BK		М	Anchor bolt nuts tight and ground wire in place
19-7	N/A			5	HVS	HVS missing on steel structures
					С	Tomato field
					L	Lattice structure – all members tightly fastened
MSCC 0-3	N/A	2	N/A	5	МВ	Missing a bolt on each of the 16 horizontal lacings at the boftom of the structure where they tie into the legs. One bolt in each one at the legs, this might be as designed.
				4	WI	Wash insulators per established washing schedule. Currently all insulators are fairly clean.
					L	Lattice structure – all members tightly fastened
MSCC 0-2	N/A	2	N/A	5	LB	(2) Lodse bolts on the lower N.E. leg. These bolts have been loose for some as there is dift built up behind them.
					RL	Range land - fenced yard at Midway substation
MSCC					L	Lattice structure – all members tightly fastened
0-1 N/A	N/A	2	N/A		RL	Range land - fenced yard at Midway substation

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
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The following structures are located south of pole #1/1, from the Midway Sunset Cogeneration Switchyard south.

North side of Station - A Fra			N/A	0	N/A	MSCC Switchyard
South of switchyard area - next to re						
HVS missing or needs replacing (6)	HVS	5				
Daylight between B pole and gain plates on station side (1/4" to 1/2")	D	N/A 5	N/A	0	N/A	MSCC Poles #0/1
Cotter pin for death end shoe halfway out on G phase southside of structure.	CK	4	İ			
Missing pole number for 'C' pole	М	5				
In Western substation – north side A fra						
Porcelain insulators very dusty - recommend cleaning at some point in the future	Pt	4	and the second	0		Western Substation
Old style polymer insulators - recommend change out to new insulators during a scheduled outage	OI	N/A 2 5	N/A		N/A	
Discoloration (rust color) on top of East frame from previously installed device (now removed) that blead rust - OK	М					
In Western substation south side A fra					- 	
Porcelain insulators very dusty - recommend cleaning at some point in the future	PI	4	N/A	0	N/A	Western Substation
Old style polymer insulators - recommend change out to new insulators during a scheduled outage	Ol	2				
In Western substation – east side H frame str (north		\neg				MSCC Pole
			N/A	0	OK	#0/2
In Western substation – east side H frame str (south		\top				
Loose nut on guy eye plate.	LN	4	N/A	0	ОК	MSCC Pole #0/3
Missing (2) Stainless Steel hump back cotter keys on bent bolts above jumper insulators - A and B phases	М	5				#0/3

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
						East of Western substation (set of 3 poles)
				5	М	Bottom bolt on post insulators is loose (1/4"-1/2")
				5	М	Missing pole number
MSCC Pole #0/4	ОК	3	N/A	5		Guys not taped
#01				5	CR	A pole splitting from ground to 1/2 way up - up to 1" wide and 8" deep
				3	LB	Loose bolts on gang operated switch.
				5	HVS	HVS missing or needs replacing (2)
		-	**			East and south of Western substation
MSCC Pole				5	М	Missing pole number
#0/5	N/A	3	N/A	5	CR	Spiral splitting 10' high 1" wide 6" deep
,				4	LN	Loose nut - bottom bolt on all 3 post insulators is loose (1/4"-1/2")
						West of Victory substation
				5	м	Missing pole number
				5	Α	Anchors not taped
MSCC Pole #0/6	ОК	3	N/A	4	CK	Cotter key halfway out on dead end shoe top phase East side.
				4	CK	Coffer key halfway out on dead end shoe bottom phase North side.
				5	GG	Missing guy guards on down guys (2)
Victory Substation	N/A	0	N/A			In Victory substation

MIDWAY SUNSET INSPECTION REPORT

Inspection date: 4/24/2018 through 4/26/2018

The overall condition of the line looks good. This years added inspection items are in pink. The general and summarized comments listed below are noted on an individual structure basis in the inspection report. At the bottom of this report there are additional symbols, their description and a priority in which they should be addressed. The symbol and the priority in which they should be considered for correction or action taken is included within the inspection report - #1 being most important and #5 with lessor importance. (by selecting the dropdown button (row 5 - column L or M) you can select and sort by which ever priority you want to see)

- 1) The static wire is grounded through the hardware it is attached to. There appears to be some carbon build up around the static shoe pin and link on the entire line that can cause some connectivity issues. Meaning poorly grounded static wire. Aerial inspection out of a manift is required to confirm this.
- At some point a total structure shake down on this line would be advised. Meaning going through and re-tightening every bott on every structure due to pole shrinkage over the years. Ninety percent of the structures have air gaps on hardware or the spring washers are no longer collapsed.
- 3) All guy guards are due to be replaced as they have become brittle from UV rays. This should happen within the next 5 years.
- 4) Several dead end and angle structures have daylight between the pole and hardware plates on the slack side of the pole; varying from 1/8" up to 1", caused by pole shrinkage over the years. This is not an immediate concern, but should be noted on subsequent inspections as a means to evaluate when and if work should be done to correct.
- 5) Several structures have loose or missing nuts in the V bracing (which is all the bracing above the double crossarm) or in the X bracing (which is the bracing below the double crossarm). All the missing nuts are either 1/2" or 5/8" square nuts. All loose or missing nuts, when tightened or new nuts installed should have MF locknuts installed as a deterrent to coming loose again.
- 6) Several tangent structures have daylight showing between the V and/or X bracing and the pole, varying from 1/16" up to 1/4", a result of pole shrinkage over the years. This is not an immediate concern, but should be noted on subsequent inspections as a means to evaluate when and if work should be done to correct.
- 7) Insulators in general looked good. Over the past few years most insulators have been changed out, so for the most part, the line is insulated very adequately for many years to come. In the few places that old insulators still exist, consideration should be given to continue with the change out to the new insulator types.
- 8) Updated 2016 comment Noted in the comments section of the sheets are notes referencing Restricted Access to Structures and Unable to Access to Structure or to right-of-way. Restricted access applies to structures 9-2, and 9-3.5 to 9-6 (reduced from the past several years as they have removed some of the above ground pipe lines). At these sites oil well pipe (3 to 18 above ground pipe lines) has been installed restricting access to site by means of the established trail or restricting access by any means, short of creating access from a different road and then to the structures. Contact should be established with oil field representatives to come up with plan in the event of a major event that would require the accessing to structures in an emergency; or have a new access cleared and established that will allow access without crossing over the above ground pipe lines.
- 9) In the past, all structures located in range land areas have had weeds mowed away from the structure in an approximate radius of 10 feet, reducing the probability of severe fire damage near the structure. That activitity has not been performed yet this year anticipate clearing around structure bottoms by early summer. Structures located in cultivated and irrigated areas, generally, are free from tall and heavy grass's at the base of the structures (not considering the crops near to the immediate pole bases).
- 10) Noted in the comments section for each structure, is the type of terrain the structure is located in (range land, cultivated crop or grove). While not required, it is a quick reference as to what conditions to expect when going to a specific location.

ABBREVIATIONS USED:

0= In station or controlled areas

- 1= Fire Potential High (tall grasses, weeds or crops directly around pole base or within 10ft
- 2= Fire Potential Moderate (short grasses, weeds or crops within 10ft of pole base
- 3= Fire Potential Low (grasses, weeds or crops have been cleared to 10ft or more from pole bases
- C= Comments - AOL= Ahead on Line - BOL= Back on Line

REPORT DATE: May 1, 2018	INSPECTED BY: Matt Cass for Rod T. Riehl, Power Engineers, Inc.

SYMBOL	DESCRIPTION	PRIORITY
BN	bird nest	1
BW	bird wire	4
С	cultivated field	
EC	erosion control	3
GK	cotter key	
CR	vertical crack or check in pole	5
PT	pistachio trees approaching 15ft height	3
SWTD	spring washer turned down	5
RL	range land	T .
D	daylight between hardware and pole	5
01	old insulators	1
ILO	old jumper insulators	1 or 2
PI	porcelain insulators	
RA	restricted access	2
HVS	missing high voltage signs	5
LB	loose bolt(s)	4
LN	loose nut(s)	4
MN	missing nut(s)	4
MB	missing bolts	
FED	farm equipment damage	
S	staples coming out	5
SP	spotted with scope from road	
LG	loose guy	3
GG	missing yellow guy guard	5
A	anchor	
IP	inproper pln	
XB]	X-braces de-laminating	5
RUA	rusty anchor	3
GW	ground wire	
BGW	broken ground wire	4
CGP	cow guard post	5
М	miscellaneous	
L	lattice structure	T
EHS	relating to shield wires	1
COND	relating to conductors	T
ROW	right-of-way	
401	1 1 1 1 1	

AOL ahead on line - from where your standing on the ROW and looking ahead (to where the power is going)

BOL back on line - from where your standing on the ROW and looking back (towards power source)

MIDWAY SUNSET 3rd QUARTER INSPECTION REPORT WO# 125408

Inspection Dates: 2/26/2018 through 3/28/2018

ISPECTO	n Dates: 2/26/2	O 10 through	3/28/20	<u> </u>							
STRNO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE	DAMPERS		ORITY	2018 COMMENTS
	LAT/LONG		A RHACE				CATEGORY		ι	IST	
Ť		19.5 41.6 5.0							5	CGP	(5) Guys not attached to cow guard poles in pasture land.
I											B pole, south guy bracket loose at top. Tight at bottom
									5	D	Daylight between pole and pole eye plates - several dead end attachment items are loose (show daylight), but secure. These are a result of pole shrinkage over the years
											Guy Bracket on B pole sunk into pole on north side, pole showing splintering at bracket.
0.00	N 35°13.667	0-2000		15,000,000,00	9 new anchors		6400	500004			A pole Guy Cow Guard not burried. Loose North Guys on A/B pole. C Pole East Guy loose.
1-1	W 119°37.875'	OK	N/A	N/A	installed 8/2015	SEE NOTE	3	N/A	5	D	Daylight between south guy attachment and pole and pole eye plates - up to 1/4"-3/4" on A/C pole an 2" on B pole
- 1					5000000000						Few loose guy wires that need to be lightened.
									5	HVS	HVS missing or needs replacing (3)
									1	BŁ	Range land
									5	CR	Spiral crack, A & C poles full length
	N 35°13.781'							COND AND EHS	5	CR	C pole horizontal Insulator hardware bolt in crack
1-2	W 119°37.929'	SEE NOTE	N/A	N/A	OK	SEE NOTE	3	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)
			to the second						1	AL	Range land;
									4	LN	Loose (1) 1/2* nut on B phase center bottom V brace
1.0	N 35°13 914'	SEE NOTE	OFF NOTE	Ov.		5374		COND AND EHS	5	HVS	HVS missing or needs replacing (1)
1-3	W 119°37.967'	SEENUIE	SEE NOTE	ОК	N/A	N/A	3	BOTH - AH and BK			Loose spring washers on A and B poles
	İ								1	RL	Renge land;
									4	LN	(1) 1/2* bolt backed out 1/8* under center bottom V brace
									5	D	Daylight between V brace and A & B poles (less than 1/4")
1-4	N 35°14.048'	ОК	ок	ОК	N/A	N/A	3	N/A	5	HVS	HVS missing or needs replacing (1)
1.4	W 119°37.995'	UK	Un	UN	IVA	NVA	3	NA	5	D	Daylight between top of X brace and A pole (less than 3/8*)
									4	BW	End of bird wire loose above C phase
									1	RL	Bange land:

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY JST	2018 COMMENTS
	CAT / CONG								5	s	Ground wire staples on A pole coming out in several places
	N 35°14.122'		. Administra	000000	495237	4 047.5%		COND AND EHS	5	HVS	HVS missing or needs replacing (1)
1-5	W 119°38.033'	SEE NOTE	OK	ОК	N/A	N/A	3	BOTH - AH and BK	5	CR	A & B pole shield wire HDW botting through a spiral crack Shield wire brackets BOL hard. C phase AOI
										RL	Range land
											Bird at A pole cross beam
	N 35°14.246'	OK	04	OV	Aria			AV/A	5	SWTD	Spring Washer turned down on upper X brace A pole
1-6	W 119°38.061'	OK	OK	ОК	N/A	N/A	3	N/A	1	BL	Range land;
									4	BW	Bird wire coming loose above A phase
									5	CR	Crack in A pole is up to 1° wide 10' up
1-7	N 35°14.386'	OV	OK	OK.				COND AND EHS	5	D	Daylight at C phase V brace
1-7	W 119°38.086′	OK	OK	ОК	N/A	N/A	3	BOTH - AH and BK	5	Đ	Daylight at bottom of X brace at both A and B pole (<1/8*)
,									5	HVS	HVS missing or needs replacing (3)
									1	RL	Range land)
									5	CR	A & C pole split at shield wire hardware attachment
									5	S	Ground wire staples in various places coming out on A, B, C poles
1-8	N 35°14.478'	ОК	N/A	N/A	7 new anchors	SEE NOTE	3	N/A	5	D	Daylight between pole eye plate and pole on A, B, C poles (1/4" to 1/2")
1-6	W 119°38.170'	OK .	IWA	IVA	installed 8/2015	SEE NOIE	3	, NA	5	HVS	HVS missing or needs replacing (3)
									5	GG	Guy Guards missing (3), C phase guy post missing 1 of 2 bolts
									1	BL	Range länd;
		N.							5	s	Ground wire staples on A and B poles coming out in upper portion of pole
									5	CR	Bottom X brace hardware in crack
2-1	N 35°14.569'	ОК	SEE NOTE	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and	4	MN	Missing (1) 1/2" nut on bottom V brace above A phase
- '	W 119°38.013'	On.	JEE NOIE	OK	INA.	N/A		BK	5	GW	Ground wire (normally above pole tops) bent down below top of pole
									5	HVS	HVS missing or needs replacing (4)
									1	B).	Range land;

STRNO	STRUCTURE	HARDWARE	X BRACE	CDOCCADIA	ANCHOR	CHYE	FIRE	DAMDEDO	PR	ORITY	COMP COMMITTEE
SIMNU	LAT/LONG	CANUTTANE	V BRACE	CROSSARM	ANCHUH	GUYS	CATEGORY	DAMPERS		JST	2018 COMMENTS
									4	MN	Missing (1) 1/2" nut and (1) 1/2" lock nut on X bracing center clamp
									4	LN	A pole top X brace - loose bolt backed out 1/2°
									5	S	Ground wire staples on B pole coming out above cross arm
2-2	N 35°14.658' W 119°37,939'	ок	SEE NOTE	ОК	N/A	N/A	3	N/A	5	D	Daylight between B pole and bottom X brace attachment (1/8*)
									5	s	A pole top ground wire loose from top of pole
									5	HVS	HVS missing or needs replacing (3)
									1	RL	Range land;
								-	5	CR	Large split on the top of B pole; at static rail attachment (1 side of pole only). Spiral cracking up to 10' (1' wide)
									5	s	Ground wire staples in several places on B pole bottom are backing out
									5	GW	Ground wire (normally above pole tops) bent down below top of pole
	N 35°14.722'							COND AND EHS	5	SWTD	Spring Washer turned down on upper X brace A pole
2-3	W 119°37.844'	ОК	SEE NOTE	OK	N/A	N/A	3	BOTH - AH and BK	5	D	Daylight between A pole and upper X brace (1/8*)
				5.4					4	BW	Bird wire end loose above B phase, but not hanging down
									5	HVS	HVS missing or needs replacing (2)
									100	BL	Range land)
									5	D	Daylight between B pole and bottom X brace (1/8")
									4	BW	Bird wire end loose above B phase, but not hanging down
2-4	N 35°14.808' W 119°37.740'	ОК	ОК	ОК	N/A	N/A	3	N/A	5	CR	Minor cracking in various places going up A & B poles
									5	HVS	HVS missing or needs replacing (3)
										AL	Bange land;
									4	MN	Missing (1) 5/8" nut above C phase inside crossarm; and Loose (1) 1/2" bolt backed out 1/8" upper outside V brace B pole
										EHS	A pole shield wire BOL (approx. 2°)
	N 35°14.884'	-	A11		.,,,	4,7.4	_	COND AND EHS		COND	A phase BOL 3-4° due to structure twist
2-5	W 119°37.654'	ОК	OK	ОК	N/A	N/A	3	BOTH - AH and BK	5	CR	B pole wicrossbeam hardware in crack,
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
									-	2.0	

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY	2018 COMMENTS
	EXTYCONG								4	LN	Loose (1) 1/2° bolt backed out 1/8° upper outside V brace B pole
					2 new				5	D	Daylight between A pole and top outside V brace (1/8")
2-6	N 35°14,968' W 119°37.516'	SEE NOTE	ОК	ОК	anchors installed	ок	3	N/A	5	D	Daylight between pole and guy wire brackets - up to 1/4"
					8/2015				5	HVS	HVS missing or needs replacing (4)
						r- gra				BL	Range land;
									5	D	Daylight between pole eye plate and pole on guy attachment on A, B and C poles (up to 1/2")
						8			5	CGP	Cow guard pole is broken off (C pole) and needs to be replaced
					8 new			COND AND EHS	5	GG	Guy Guards missing (6)
2-7	N 35°15.029' W 119°37.445'	ОК	ОК	ОК	anchors installed 8/2015	ОК	3	BOTH - AH and BK	5	М	Shotgun pattern on C Pole - no damage to hardware (old)
					0/2013				5	S	Ground wire on B & C poles toose in several areas
									5	HVS	HVS missing or needs replacing (2)
										RL.	Range land;
									4	LN	Loose (1) 1/2* nut on bottom V brace above B phase
									4	BGW	Missing ground wire on B pole in X-brace area - due to many staples missing
							,		5	D	Daylight between upper V brace on A and B poles
									5	CR	A & B pole crack at hardware and cracking at top of A phase pole
2-8	N 35°15.150' W 119°37.461'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	N/A	5	CR	B pole upper X-brace HDW in cracks B pole cracking full length 1/4" to 3/4" wide
	W 113 37.401								5	CR	Daylight between A pole and bottom X brace (1/8")
		7							5	Đ	Loose birdwire above B phase
ři E						3			5	BW	Both shield wires BOL 1-2*
										EHS	Flange fand;
										RL	Loose (2) 1/2° bott upper V brace both A and B poles (backed out heads)
									4	LN	Bird wire end loose above A phase, but not hanging down
3-1	N 35°15.220' W 119°37.492'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and	_	BW	HVS missing or needs replacing (4)
						7.		ВК	5	HVS	Hange land;
										FIL	

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY	2018 COMMENTS	
									5	CR	B pole vertical cracking full length 4-6 ft.	
											Bird Nest B phase cross member	
										COND	A phase Cond AOL 3°	
3-2	N 35°15.390' W 119°37.468'	ОК	ОК	OK	N/A	N/A	3	N/A		COND	C phase AOL 1/2'	
									5	SWTD	Spring Washer turned down on bottom X brace A pole	
									5	HVS	HVS missing or needs replacing (2)	
		100								BF	Range land;	
									5	Đ	Daylight between A pole and bottom X brace attachment (up to ¼")	
									5	D	Daylight between top V brace and B Pole	
									5	D	Daylight between B pole and V brace - up to 1/4*	
3-3	N 35°15.488'	ОК	OK	CEE NOTE	AUA	41/4		COND AND EHS	5	D	Daylight between B pole and upper V Brace - up to 1/4*	
3-3	W 119°37.505'	OK .	ОК	SEE NOTE	N/A	N/A	3	BOTH - AH and BK		BW	Loose birdwire A phase	
										5	CR	A and B poles have splits
									5	HVS	HVS missing or needs replacing (4)	
										BL	Range land;	
							N 5000		5	D	Daylight between bottom X brace and A pole - up to 1/8°	
									5	CR	A and B poles have splits	
									1	BN	There are a couple twigs on crossarm above B phase. Check and if nest is built, remove during next scheduled field maintenance outing	
3-4	N 35°15.625' W 119°37.439'	SEE NOTE	ОК	ОК	N/A	N/A	3	N/A	5	CR	B pole shield wire brace bolt in crack	
										BW	Missing bird wire C phase and A pole	
									5	HVS	HVS missing or needs replacing (4)	
				1.						BL	Range land;	

STR NO	STRUCTURE LAT / LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY JIST	2018 COMMENTS
					e J				5	CR	A pole X brace hardware bolt in crack
									5	CR	A & B pole miner cracks
						267			5	D	Daylight between A pole and bottom X brace
3-5	N 35°15,707'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and		BW	Missing all birdwire
	W 119°37,480°	JEE (ID)E	022 11012	- Cit	100	WA.		ВК		BN	Bird nest B phase
									5	D	Daylight between B pole and upper X brace
									5	HVS	HVS missing or needs replacing (3)
										RL	Hange land;
									5	CR	At top of A pole where static rail attaches, there is a big crack on both sides of pole - no concern at this time. (repair would be 12" or 14" anti split bolt with 4"x4" curved washers, spring washers, # 6 copper for bonding, below rail). Some cracking on B pole
									4	LN	Loose (1) 1/2' nut on V brace to B pole
3-6	N 35°15.878' W 119°37.474'	SEE NOTE	SEE NOTE	ОК	2 new anchors	ок	3	N/A	5	CR	A pole lower X-brace hardware bolt in crack
	1113 37,474				installed 8/2015				5	S	B pole ground wire staples gone 2/3 ways up pull, 10' loose
									5	D	Daylight between 8 pole and lower X brace attachment
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
								COND AND EHS	5	D	Daylight between A pole and lower X brace attachment
3-7	N 35°15.990' W 119°37.497'	See Note	OK	OK	N/A	N/A	3	BOTH - AH and BK	4	BW	Bird wire B phase - held in place with electrical tape
										AL	Range land;
									5	CR	B pole X brace has vertical crack at hardware attachment, Both x-beam hardware in cracks
									5	CR	A & B poles minor cracking
4-1	N 35°16.10' W 119°37429'	ок	ОК	OK	N/A	N/A	3	N/A	5	CR	X-brace hardware in several cracks
	11 113 01723								5	Đ	Daylight between V-brace and B pole - up to 1/4* daylight
									5	HVS	HVS missing or needs replacing (1)
										RL	Hange länd;

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STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY	2018 COMMENTS
									5	CR	A pole vertical crack from ground to X-brace
										BN	Bird nest started
4-2	N 35°16,229' W 119°37,406'	ОК	ОК	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	B pole crack ground up to 10'
	*							DA.	5	CR	A & B brace botts are thru cracks
									5	HVS	HVS missing or needs replacing (2)
										RL	Flange land;
									5	CR	B pole - EHS attachment bott in crack, Upper X brace HDW in crack. A pole shield wire HDW in crack
4-3	N 35°16.404'	ОК	ОК	ок	N/A	N/A	3	N/A	4	BW	Bird wire ends loose above A and C phases - hanging down near top of insulators
	W 119°37.438'	7.00	-	"			_		5	HVS	HVS missing or needs replacing (2)
								25	120	BL	Range land;
						-			5	CR	A pole, large crack, ground to 10' - up to 3/4" wide
4-4	N 35°16.554'	ок	OK	ок	N/A	N/A	3	COND AND EHS BOTH - AH and	5	D	Daylight between A pole and lower X brace attachment
X1 F4	W 119°37,451'		*****			0.550		ВК	5	HVS	HVS missing or needs replacing (2)
										BL	Range land;
									5	CR	A- Pole vertical crack 20' up , 7" deep, 1/2" wide
									4	BW	Bird wire corning loose above B phase
4-5	N 35°16.660' W 119°37.505'	SEE NOTE	ОК	OK	N/A	N/A	3	N/A	5	D	Daylight between A pole and bottom X brace attachment - up to 1/8°
		· ·							5	HVS	HVS missing or needs replacing (1)
										8L	Range land)
									5	CR	B pole vertical cracking to 20' - first 8' up to 3/4" wide and up to 9" deep
									4	BW	Bird wire coming loose above C phase
4-6	N 35°16.780' W 119°37.452'	SEE NOTE	ОК	SEE NOTE	N/A	N/A	3	COND AND EHS BOTH - AH and		HDW	A-pole spring washer pointing down,X-brace hdw in crack
	11 113 31.432			SEE NOTE	N/A			BK	5	CR	Crack in B pole - ground to 9' - 1" wide up to 9" deep
									5	HVS	HVS missing or needs replacing (2)
			4.5							RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE	CROSSARM	ANCHOR	GUYS	FIRE	DAMPERS		ORITY	2018 COMMENTS
	LAT/LONG		V BRACE				CATEGORY	Brain Erio	_ '	JST	1100-12 TO 20 SERVICE AND SOCIO
									5	М	Bike rack chained to base of B pole
									4	MN	Loose (1) 5/8* nut above C phase inside crossam
5-1	N 35°16.869'	ОК	СК	ок		N/A			5	D	Daylight between top V brace and B Pole
5-1	W119°37,419'	UK	UK.	OK	N/A	N/A	3	N/A	4	MN	Missing (1) nut on crossarm above A phase - crossarm to phase bracket
				i:					5	HVS	HVS missing or needs replacing (1)
				.,						RL	Gange land;
						-		00010 1110 5140	5	CR	A pole spiral cracking - with conductor crossarm bolt in crack
5-2	N 35°17.033' W 119°37.450'	ОК	ок	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (1)
								J.C.		RL	Range land/
									5	CR	Top of B pole split at EHS attachment
5-3	N 35°17.156'	СК	ок	ок	2 new anchors	ОК	3	COND AND EHS	5	CR	Minor cracking entire length - B pole
0.0	W 119°37.460'	- Con	- On	OK	installed 8/2015	- On	3	BOTH - Only BK	5	HVS	HVS missing or needs replacing (1)
										BL	Range land)
									5	CR	A pole - vertical crack at crossarm bolt
										BW	Birdwire B phase loose
5-4	N 35°17.270' W 119°37.484'	OK	ОК	ОК	N/A	N/A	3	COND AND EHS BOTH - Only BK	5	D	Daylight between A pole and V brace
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY .IST	2018 COMMENTS
	LATTEONG								4	BW	Bird wire end loose above C phase
									4	MN	Missing (1) 5/8" nut above A phase inside crossarm
									5	SWITE	B pole - top of lower X brace - spring washer turned down
									5	CR	B pole - lower X-brace - upper bolt in large crack
5-5	N 35°17,374' W 119°37,447'	SEE NOTE	ОК	SEE NOTE	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	Vertical crack at X brace attachment
									1	BN	Birdnest B phase.
,									5	HVS	HVS missing or needs replacing (1)
									4	MN	B pole upper X-brace missing back up nut.
					İ					RL	Range (and)
			3						5	СП	B pole vertical cracking
L					7 new				5	CR	Guy brace on C pole - bolt thru crack
5-6	N 35°17.533' W 119°37.465'	ОК	ОК	ОК	anchors installed	SEE NOTE	3	N/A		GRD	staples missing from ground wire
		;			8/2015				5	HVS	HVS missing or needs replacing (3)
										Rib.	Bange land)
									5	М	SS hump back cotter key on end of insulator - B phase needs to be tapped in place next time crews ar working on structure (this has been out since insulators were installed 2 years ago); and SS hump backey only half way in on yoke plate, same assembly
									5	D	Daylight between A pole and guy attachment hardware - up to 1/2*
į.					4 new				5	D	Daylight between B pole and guy attachment hardware - up to 1/4"
5-7	N 35°17.691' W 119°37.283'	SEE NOTE	ОК	ок	anchors installed	ок	3	COND AND EHS BOTH - Only BK	5	CR	A pole spiral cracking
					8/2015				5	CR	B pole vertical cracking
									5	HVS	HVS missing or needs replacing (2)
									5	CR	A pole GW HW in cracks
										BŁ	Range land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS
									4	LN	Loose (1) 1/2* rud on bottom V brace above C phase
			-						5	D	Daylight between guy support and A Pole
									5	SWTD	B pole -bottom of X brace - spring washer turned down
					2 new					COND	A & C phase insulators BOL 3-5*
6-1	N 35°17.756' W 119°37.119'	ОК	ОК	ок	anchors installed	SEE NOTE	3	COND AND EHS BOTH - Only BK		COND	A phase highest sag - B phase mid sag - C phase lowest sag
				ĺ	8/2015				5	HVS	HVS missing or needs replacing (1)
										GW	Guywire loose
										COND	A pole 6'8" from edge
										BL	Rantije land;
			ITE OK							COND	A & C phase BOL 2-3*
									5	D	Daylight between A pole and upper X brace and B pole X-brace
6-2	N 35°17.765' W 119°36.973'	SEE NOTE		ОК	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)
								Div.	5	SWTD	B pole - bottom brace - spring washer turned down
										BL	Range land)
									5	CR	A & B poles, minor spiral cracking
									5	CR	B pole shield wire hardware bott in crack
										COND	A Phase BOL 1-3*
6-3	N 35°17.802'	OK	ок	ОК	MIA	AU/A	2	N/A	5	D	Daylight between B pole and bottom X brace
6-3	W 119°36.822'	UN	UK	UK	N/A	N/A	3	N/A	5	CR	Crossarm bolting in spiral crack
					9				5	HVS	HVS missing or needs replacing (2)
						1			1	BN	Remove bird nest loacted above 8 phase
										RL	Range fand)

STRNO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
	-							7	5	D	Daylight between pole and guy attachments
1								3 3			Few loose guy wires that need to be tightened A pole
									5	HVS	HVS missing or needs replacing (1)
6-4	N 35°17.828' W 119°36.714'	ОК	ок	ОК	4 new anchors installed	ОК	3	COND AND EHS BOTH - AH and			Cracking on C pole
					8/2015			BK			C phase upper cotter pin almost out.
											A phase shoe cotter pin needs to be pushed in
										RL	Range land;
									5	D	Daylight between A pole and V brace - up to 1/4*
										COND	A and C phase insulators BOL
6-5	N 35°17.835' W 119°36.539'	ОК	ок	ок	N/A	N/A	3	N/A	5	CR	A & B poles minor cracking
									5	HVS	HVS missing or needs replacing (1)
									5	SWTD	B pole - bottom X- brace - spring washer turned down
										RL	Range landy
									5	м	Guy pole bands on A and B poles slipped down pole initially - no movement over the past several years
									1	OJI	Old style jumper insulator assemblies (3) still in place - recommend change out to new insulators during next scheduled outage
									5	GG	Missing (1) yellow guy guard - also guy guard post to attach guy wire to is broken off - should be replaced at some point in time
									5	s	A, B, & C ground wires pulled away from poles (up to 10')
6-6	N 35°17.823'	ОК	ОК	ОК	SEE NOTE	SEE NOTE	3	COND AND EHS BOTH - AH and	5	CR	A & C poles, minor vertical/spiral cracking
	W 119°36.415'	UN.	ÇII.	- ON	OLL HOIL	DEC HOTE	3	BK			A/B pole insulator HDW gaps
									5	D	Daylight between C pole and guying attachment - up to 1/2*
									5	HVS	HVS missing or needs replacing (1)
									5	CR	C pole GW HW in cracks
				104.0				100 100		RL	Renge land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
										COND	BOL sag off - B & C phase insulators AOL (A phase sag lowest - B phase middle sag - C phase sag highest)
	9								5	HVS	HVS missing or needs replacing (3)
7-1	N 35°17.914'	ОК	ОК	ОК	N/A	NUA		AUA	5	D	Daylight between B pole and lower X brace
	W 119°36.415'	Ůĸ.	UK.	, OK	N/A	N/A	3	N/A	5	CR	Lower X-brace boit through large crack
									5	CR	A pole crack 1° wide 3° deep
										RL	Range land;
									5	D	Daylight between A pole and bottom X brace
7-2	N 35°18.041'	OK	ОК	OK	21/2			COND AND EHS	5	CR	Vertical cracking A & B pole
7.2	W 119°36.397'	UK	UK.	ON	N/A	N/A	3	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)
							1			RL	Range land;
										COND	B & C phase insulators AOt 2*
									5	D	Daylight between B pole and V brace
									5	SWTD	B pole - top of X brace - spring washer turned down
7-3	N 35°18.173' W 119°36.409'	OK	SEE NOTE	ОК	N/A	N/A	3	N/A			
									5	s	Staples on B pole coming out - 2/3 pole length
									5	HVS	HVS missing or needs replacing (1)
										RL	Flarige land;
									5	CR	B pole top is splitting, spiral cracking on A pole
7-4	N 35°18.299'	SEE NOTE	SEE MOTE	Ov	AMA	ANA		COND AND EHS	5	SWTD	B pole - bottom of X brace - spring washer turned down
,-4	4 N 35°18.299' W 119°36.404'	SEE NOTE S	SEE NOTE	ОК	N/A	N/A	3	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)
										BL	Range land;

STRNO	STRUCTURE LAT / LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS
									4	LN	Loose (1) ½" nut on bottom outside V brace above C phase
		!							4	LN	Loose (1) 1/2" nut on bottom center phase V brace
									4	MN	Missing (1) ½" nut on bottom center phase V brace
7-5	N 35°18.415' W 119°36.393'	ОК	SEE NOTE	ок	N/A	N/A	3	N/A	5	D	Daylight between A pole and V brace
									5	D	Daylight between A pole and upper X brace
									5	CR	A & B poles minor cracking
										BL	Range land;
									5	D	Daylight between top X bracing and B pole - up to 3/8"
						I			4	LN	Loose (1) ½" nut on center bottom V brace
7-6	N 35°18.553' W 119°36.404'	SEE NOTE	SEE NOTE	ок	N/A	N/A	3	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (2)
								BK	1	BN	Remove bird nest loacted above B phase
										RL.	Range land;
									4	LN	Loose (1) ½" nut on bottom V brace - above A phase
	N 35°18.655'				(5.55%)		2006	2542/744	5	CR	Spiral cracking B pole at bottom of X-brace
7-7	W 119°36.378'	SEE NOTE	ОК	OK	N/A	N/A	3	N/A	5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
									5	CR	B pole shield wire bott in crack
c .	N 35°18.553'	AND AND TO	210090	V///			702	COND AND EHS	5	CR	Spiral cracking middle of B pole
7-8	W 119°36.404'	OK	OK	ОК	N/A	N/A	3	BOTH - AH and BK	5	HVS	HVS missing or need replacing (1)
										RL	Range land;
	85								4	MN	Missing (1) 1/2° nut on bottom center V brace, and loose (1) 1/2° nut on bottom center V-brace
	N 35°18.901'					5,000			5	CR	B pole crack at X brace attachment bolt
8-1	W 119°36.401'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	3	OK	5	СЯ	A & B pole spiral cracking
				1						FIL	Range land;

STRNO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY	2018 COMMENTS
									5	s	Loose staples on A, B and C poles
!									5	D	Daylight between guy / conductor attachment on A & B pole - up to 1/2" at top for guy; and up to 1" for conductor
2									5	Ð	Daylight between guy / conductor attachment on B pole - up to 3/8*
	N 35°19.002'	014		04	7 new anchors	04		COND AND EHS	5	CR	B & C phase insulator hardware botts are in or next to vertical cracks
8-2	W 119°36.375'	ОК	OK	OK	installed 8/2015	OK	3	BOTH - AH and BK	5	CR	A and B pole shield wire hardware bolts in cracks
									5	HVS	HVS missing or needs replacing (4)
									5	CR	B pole crack 1 1/2* wide 15' up pole about 1/3 of the pole deep
										BE	Flange land;
	F.			*					5	D	Daylight between grid gains on conductor attachment side, all poles - A & B phase up to 1/2"; C phase up to 1"
8-3	N 35°19.122'	ок	ОК	ОК	10 new anchors	SEE NOTE	3	ANA.	1	OJI	Old style jumper insulator assemblies (3) still in place - recommend change out to new insulators during next scheduled outage
0.0	-3 W 119°36.191'	- CIN	OK.	OK	installed 8/2015	SEE NOTE	ď	N/A	5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
	200									COND	A phase insulator BOL
									5	S	Loose staples on lower portion of A pole
								00010 4410 5440		EHS	Shield wire attachments on both sides of structure pulled BOL up to 2*
8-4	N 35°19.173' W 119°36.102'	OK	ок	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	D	Daylight between A pole and bottom X brace - up to 1/8" gap
								J	5	HVS	HVS missing or needs replacing (2)
									5	CR	A pole split at top near cross beam
										BL	Range fand)
					7 леw				5	CR	A pole Guy HDW loose - and hardware in crack
8-5	N 35°19.177' W 119°36.059'	OK	ОК	ОК	anchors installed late	SEE NOTE	3	N/A	5	HVS	HVS missing or needs replacing (2)
			OK .		2015					AL	Bange land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY .IST	2018 COMMENTS
									5	CR	A pole shield wire bott in crack
					2 new				5	СЯ	Upper V-brace bolt at B pole in crack, crossarm A pole HDW in crack
8-6	N 35°19.320' W 119°36.042'	SEE NOTE	SEE NOTE	ОК	anchors installed	ок	3	COND AND EHS BOTH - AH and BK	5	CR	B pole crack FROM ground to 10' up (6" deep X 1" wide)
					8/2015			DK.	5	HVS	HVS missing or needs replacing (1)
5										BL	Range land;
									5	СП	A pole has crack 6" deep and 1" wide from ground level to 12' up
									4	MN	Missing (1) ½" nut on center bottom V brace
8-7	N 35°18.405' W 119°36.020'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	3	N/A	4	LN	B pole upper X brace loose nut.
ĺ									5	HVS	HVS missing or needs replacing (1)
										AL	Range land:
									1	OI	Old style braced post insulator assemblies still in place - recommend change out to new insulators during next scheduled outage
									5	Đ	Daylight between C pole insulator plate, upper bolt head out 1/4* from plate
8-8	N 35°19.537'	ОК	N/A	N/A	4 new anchors	OK	3	COND AND EHS BOTH - AH and	5	RA	Restricted access - single twisted wire on steel posts to keep oil field traffic within bounds - should be no issue if access needed to get to structure site for work
0.0	W 119°36.022'	OK .	IVA	I NA	installed 8/2015	OK	3	BK BK	5	HVS	HVS missing or needs replacing (4)
2									e)		
						1-30				RL	Range land;
	, , , , , ,								5	CR	A pole vertical split from ground to 30' - at 10', 1-1/2" wide crack up to 9" deep
						Į.			5	D	Daylight between A and B poles lower X brace attachment - up to 1/8* and V brace A pole
9-1	N 35°19.671' W 119°36.034'	OK	ОК	ОК	N/A	N/A	3	N/A	5	RA	Restricted access - single twisted wire on steel posts to keep oil field traffic within bounds - should be no issue if access needed to get to structure site for work
				į.					5	HVS	HVS missing or needs replacing (1)
										BL	Range land)

	STRUCTURE	-	Lucas	1							
STR NO	LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		iority List	201B COMMENTS
		1.								COND	A Phase insulator BOL approx. 2*
									5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"
									5	CR	B pole cracked at upper hardware HDW in cracks for V brace and crossarm
9-2	N 35°19.775' W 119°36.033'	ОК	ОК	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and	1	RA	Existing access restricted - above ground piping blocking access (up to 18 pipes at this time) - If needing to access structure come in from cross road (BOL) then on ROW
	W 119-30.033						957	ВК	5	HVS	HVS missing or needs replacing (2)
									5	SWTD	A pole - upper X- brace - spring washer turned down
										AL	Range land;
										60	
										М	Distribution line approx. 20 ft BOL from structure
9-3	N 35°19.889' W 119°36.044'	ОК	ок	ок	N/A	N/A	3	N/A			Loose bolt C phase V brace
									1	RA	Existing access restricted - above ground piping blocking access (up to 16 pipes at this time) - if needing to access structure come in from cross road then on ROW
										RL	Range (and)
									4	MN	Missing (1) ½" nut on bottom center V bracing - above crossam
									5	D	Daylight between B pole and bottom X brace attachment -up to 1/8*
9-3.5	N 35°19.946'	SEE NOTE	ОК	OK	N/A	N/A	3	COND AND EHS BOTH - AH and		EHS	B pole shield wire AOL 2*
3 0.0	W 119°36.069'	SEE NOTE	- On	ОК	TWO .	run.	J	BK	1	RA	Existing access restricted - above ground piping blocking access (up to 18 pipes at this time) - if needing to access structure come in from cross road then on ROW
									5	HVS	HVS missing or needs replacing (4)
										AL	Range land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY .IST	2018 COMMENTS
										EHS	A & B shield wire BOL 1°
									5	D	Daylight between A pole and V brace
9-4	N 35°19.043' W 119°36.071'	ОК	ОК	ОК	N/A	N/A	3	N/A	1	RA	Existing access restricted - above ground piping blocking access (up to 6 pipes at this time) - if needing to access structure come in from cross road then on ROW
							2		5	HVS	HVS missing or needs replacing (2)
										BL	Range fand;
									4	MN	Missing (1) 1/2" nut and loose (1) ½" nut on bottom center V brace
										EHS	Shield wire on B pole pulled BOL approx. 1"
9-5	N 35°20,155'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and	5	CR	B pole split 10' x 1/2' x 6" depth
	W 119°36.068'						, and	ВК	1	RA	Existing access restricted - above ground piping blocking access (up to 6 pipes at this time) - if needing to access structure come in from cross road then on ROW
									5	HVS	HVS missing or needs replacing (1)
										BL	Range land;
										М	Distribution line approx. 12 ft BOL from structure
9-6	N 35°20.241'	OK	ОК	ОК	N/A	N/A	3	N/A	1	RA	Existing access restricted - above ground piping blocking access (up to 6 pipes at this time) - if needing to access structure come in from cross road then on ROW
	W 119°36.083'							NA.	5	HVS	HVS missing or needs replacing (3)
	22.									BL	Range land;
									4	MN	Missing (1) 1/2" nut on bottom outside V brace on A phase, and (1) 1/2" bolt head backed out a bit
									4	LN	Loose (1) 1/2° nut on bottom center V brace
9-7	N 35°20.352'	OK	SEE NOTE	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and		М	New road past structure to well site - AOL
CEA.19	W 119°36.083'						-	ВК	5	HVS	HVS missing or needs replacing (4)
											A phase chipped insulator about 2/3 down south side.
										BL	Range land)

Personne scenemas pepare - scalas calaba

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PR	IORITY LIST	2018 COMMENTS
									5	D	Daylight between pole and gain plates and hardware (3 places) for conductor attachment to eyebolts on AOL side
									34	М	New C pole installed fall of 2014
									5	CR	B & C starting to develop a split 12' tall
									1	OJI	Still has old style jumper insulators
10-1	N 35°20.452'	ОК			9 new anchors			COND AH - no	2	GG	Missing (θ) guy guards
10-1	W 119°36.114'	UK.	OK	ОК	installed 8/2015	OK	3	EHS			Guywire HDW in cracks
							,		5	HVS	HVS missing or needs replacing (4)
											C phase AOL
									5	SWTD	B phase - spring washer turned down
										BL	Flange land;
									4	LN	Loose (2) 1/2" nuts on bottom outside V brace above C phase
									4	LN	Missing (1) 1/2' nut on bottom center V brace
									5	CR	A pole 3/4" - 1" crack ground to 15"
10-2	N 35°20.460' W 119°35.960'	SEE NOTE	SEE NOTE	ок	N/A	N/A	3	N/A	5	D	Daylight between B pole and bottom X brace and upper V brace
									5	D	Loose bolt A phase crossarm
									5	HVS	HVS missing or needs replacing (2)
										ÐL	Range land;
								\$42	7.50	12.745	Loose (1) 1/2" nut on bottom center V brace
	N 35900 500'							COND AND EHS	4	LN	Loose (1) 1/2" nut on bottom X brace to B pole
10-3	N 35°20.529' W 119°35.839'	ОК	SEE NOTE	: OK	N/A	N/A	3	BOTH - AH and BK	4	LN	HVS missing or needs replacing (3)
									5	HVS	Harige land;
									100	BL	a warder daniel

CONTINUES CONTENTS | LOCUMENTS CONTENTS
	STRUCTURE		X BRACE				FIRE		DO	IODITY.	
STRNO	LAT/LONG	HARDWARE	V BRACE	CROSSARM	ANCHOR	GUYS	CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
									4	LN	Loose (1) 1/2" nut on bottom outside V brace on C phase
									5	М	Minor shotgun damage on both poles
	Al 20200 ener								5	SWTD	A pole - bottom X brace - spring washer turned down
10-4	N 35°20.625' W 119°35,742'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	N/A	5	HVS	HVS missing or needs replacing (4)
											C phase chipped insulator.
										BL	Range fand;
										EHS	East shield wires pulled AOL approx. 1"
10-5	N 35°20.691' W 119°35.606'	ОК	ОК	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (2)
								BK	Sec.	BL	Range land
N e									4	MN	Missing (2) 1/2" nuts and (1) loose 1/2" nut on bottom center V bracing
			SEE NOTE						5	D	Daylight between upper V brace and A pole
10-6	N 35°20.755' W 119°35.464'	SEE NOTE		ок	N/A	N/A	3	N/A	5	SWTD	B pole - top X brace - spring washer turned down
	W 113 55.454								5	HVS	HVS missing or needs replacing (3)
									Y	RL	Range (and)
				1.0					4	LN	Loose (1) 1/2" nut on upper X brace A pole and C pole V brace
									5	0	Daylight between bottom X bracing and V bracing and pole, on A pole side - less than 1/4*
									5	D	Daylight between B pole and upper V braced V bracing and pole, on A pole side - less than 1/4*
	N 35°20.788'							COND AND EHS		EHS	B pole shield wire pulled AOL approx. 1*; and A pole shield wire pulled BOL approx. 1*
10-7	W 119°35.335'	OK	OK	OK	N/A	N/A	3	BOTH - AH and BK	5	CR	Crack on B pole @ upper X brace
						-			5	HVS	HVS missing or needs replacing (2)
									5	SWID	A pole - X brace - spring washer turned down
										BL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE				FIRE		PR	ORITY	
SIHNU	LAT/LONG	HAHDWAHE	V BRACE	CROSSARM	ANCHOR	GUYS	CATEGORY	DAMPERS	100,000	LIST	2018 COMMENTS
						-			5	D	Daylight between upper V brace and A and B poles - up to 1/4°
									5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"
										EHS	A pole shield wire pulled BOL up to 2"
10-8	N 35°20.878' W 119°35.209'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	3	N/A	4	MN	Missing (2) 1/2" nuts - 1 on bottorn V brace - A and C phase
	11 113 00.203								4	LN	Loose (1) 1/2" nuts - bottom V brace - Center phase
									5	HVS	HVS missing or needs replacing (3)
										FIL	Range land;
									4	MN	Missing (1) 1/2" nut on bottom center V brace
									5	D	Daylight between A pole and upper V brace
	N 35°20.929'		SEE NOTE					COND AND EHS	5	CR	Crack on A pole - 5' up 4' long - 1" wide x 4" deep
11-1	W 119°35.098'	OK		OK	N/A	N/A	3	BOTH - AH and BK			UB pole Upper X brace HDW in crack and loose HDW X brace
									5	HVS	HVS missing or needs replacing (3)
									THE PERSON	RL	Range land;
				300					5	CR	Big crack through pole at crossarm attachment on B pole (repair would be install 14" or 16" anti split bolts with 4"x4" curved washers, spring washers, # 6 copper for bonding)
						5			5	D	Daylight between upper V brace and A pole
					l				4	MN	A pole upper X brace has 1/2" bolt hanging 6" down - recommend putting bolt back in place and installation of nut and locknut during next scheduled outage
11-2	N 35°20.981' W 119°34.957'	ОК	ОК	ОК	N/A	N/A	3	N/A	5	SWID	B pole - top X brace - spring washer turned down, HDW in crack
									5	HVS	HVS missing or needs replacing (4)
											A pole bottom X brace Bottom bolt loose 1/8*
										FIL.	Range land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
									5	D	Daylight between bottom of upper X bracing and bottom of lower X bracing on both A and B poles - less than 1/4"
									5	CR	A pole has crack 7/8* wide x 4* deep near bottom of pole
11-3	N 35°21.059' W 119°34.807'	ок	ОК	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)
								- Dix	5	SWTI	A and B pole spring washers turned down.
										RL	Range land;
									5	CR	Crack on B pole - 3/4' wide from 5' to 20' up pole
											Upper X brace loose HDW
11-4	N 35°21.127'	ОК		OK	100	4174					Nut on B phase shoe possible loose
115-4	W 119°34.665'	OK .	OK	OK	N/A	N/A	3	N/A	5	S	Loose ground wire A and B pole - 15' up.
									5	HVS	HVS missing or needs replacing (4)
	-				5.504		T J	1000000		BL	Range fand)
									5	D	Daylight between upper outside V bracing and B pole - up to 1/4"
									5	D	Daylight between lower X brace and B pole
									5	D	Daylight between B pole and bottom of upper X brace attachment - up to 1/8*
11-5	N 35°21.202' W 119°34.569'	OK	ОК	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and		CR	Cracking B pole
								BK	5	SWT	B pole - top X brace - spring washer turned down
	,								5	HVS	HVS missing or needs replacing (4)
										AL	Flange landi
									4	MN	Missing (1) 1/2" nut on bottom center V brace
								:	4	MN	Missing (1) 1/2" lock nut on X bracing center clamp
11-6	N 35°21.260' W 119°34.414'	SEE NOTE	SEE NOTE	ок	N/A	N/A		COND AND EHS BOTH - AH ONLY	5	s	A pole ground wire loose 10' up pole
	w w7(7)77							DOM: AN ONE!	5	HVS	HVS missing or needs replacing (4)
					9					AL	Bange land;
T									4	LN	Loose (1) 1/2" nut on bottom center V brace - head backed out 1/16"
11-7	N 35°21.295' W 119°34.259'	SEE NOTE	ОК	ОК	N/A	N/A	3	N/A	5	HVS	
	W 119°34.259'		OK	OK						RL	Range land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
									5	D	Daylight between upper outside V bracing and a Pole - up to 1/4"
									5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"
12-1	N 35°21,359' W 119°34,158'	ОК	ОК	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and	5	CR	Crack on B pole along bottom X brace, continue to monitor
								ВК	5	HVS	HVS missing or needs replacing (4)
										BL	Bange land;
				111					5	MN	Missing (1) 1/2* nut and (1) 1/2* lock nut on upper X bracing center clamp
									5	D	Daylight between lower V brace and B pole - up to 1/2"
	N 35°21,444'									Cr	B pole X brace hardware in crack
12-2	W 119°34.015'	OK	OK	OK	N/A	N/A	3	N/A	5	D	Daylight between bottom X bracing and A and B poles
						l.		3	5	HVS	HVS missing or needs replacing (4)
							-			BE	Range land;
									4	LN	Loose (1) 1/2° nut on bottom center V brace (bott backed out 1/8°)
									5	Đ	Daylight between A pole and upper X brace attachment; and between 8 pole and lower X brace attachment (up to 1/8")
12-3	N 35°21.502' W 119°33.874'	SEE NOTE	SEE NOTE	ок	N/A	N/A	3	COND AND EHS BOTH - AH and	5	CR	Crack on A pole from ground to 18° up
- 1								BK	5	HVS	HVS missing or needs replacing (3)
										RL	Range land)
- 1			2000						4	LN	Loose (2) 1/2* bott on upper X brace on A pole (head backed out 1/8*)
	N 35°21.565'			10000			224		5	D	Daylight between B pole and lower X brace attachment
12-4	W 119°33.717'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	N/A	5	HVS	HVS missing or needs replacing (3)
										AL	Range land:
									4	ĻN	Loose (1) 1/2" nut - bolt backed out 1/2" on upper V brace B pote
									5	CR	A pole crack 5' to 7' up, 7"+ deep
12-5	N 35°21.654' W 119°33.580'	SEE NOTE	SEE NOTE	ок	N/A	N/A	3	COND AND EHS BOTH - AH and	4	MN	Missing (1) 1/2" locknut on X brace center clamp
	200.11.0 7 1.0 73 0.05					9		BK	5	HVS	HVS missing or needs replacing (4)
										RL	Range land)

	STRUCTURE		X BRACE				FIRE		DD.	IORITY	
STR NO	LAT/LONG	HARDWARE	V BRACE	CROSSARM	ANCHOR	GUYS	CATEGORY	DAMPERS		LIST	2018 COMMENTS
	*								5	D	Daylight between upper V brace and A pole - up to 1/4 -1/2*
									5	D	Daylight between bottom X brace A and B poles - up to 1/4*
	N 35°21.670'								4	LN	Loose (1) 1/2* nut on bottom X brace B pole
12-6	W 119°33.474'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	N/A	5	CR	Crack in A pole at bottom X brace - 1/2 to 3/4 wide
									5	HVS	HVS missing or needs replacing (2)
										RL	Flange land;
						- 4			5	D	Daylight between bottom X brace and A pole
									5	CA	Crack in B pole in area from crossarm to V brace, spiral bolt to bolt
12-7	N 35°21,735' W 119°33 326'	OK	ОК	ок	N/A	N/A	3	COND AND EHS BOTH - AH and	5	SWTD	B pole - top X brace - spring washer turned down
								BK	5	HVS	HVS missing or needs replacing (4)
										RL	Range land)
									5	D	Daylight between top V bracing and A pole - less than 1/4"
				¥ *					5	D	Daylight between B pole and bottom X brace attachment - up to 1/8"
	N 35°21,800'		×	1	K.				5	HVS	HVS missing or needs replacing (4)
13-1	W 119°33.235'	OK	OK	OK	N/A	N/A	3	N/A	5	CR	X brace HW in B pole cracks
									5	CR	B pole spiral cracking
							e de constitue de la constitue			AF	Flange land;
									4	LN	Loose (1) 1/2" bott backing out on upper X brace on B pole (head backed out 1/8")
									5	D	Daylight between A and B poles X brace bottom
2007 1700 0	N 35°21.865'							COND AND EHS	5	D	Daylight between A pole and V brace - up to 1/4"
13-2	W 119°33.088'	OK	OK	OK	N/A	N/A	3	BOTH - AH and BK	5	CR	Crack on B pole from bottom to 30' up -1" wide x 4" deep
		3				À			5	HVS	HVS missing or needs replacing (3)
										RL	Range landj
							T I		5	Đ	Daylight between bottom of X bracing and A and B poles - up to 1/8*
	N 35°21.893'			L.E		100				М	Ecological Preserve signs along road
13-3	W 119°32.910'	OK	OK	OK	N/A	N/A	3	N/A	5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
	N 35°21.981'							COND AND EHS	5	HVS	HVS missing or needs replacing (3)
13-4	W 119°32.852'	OK	OK	OK	N/A	N/A	3	BOTH - AH and BK	1201	RL	Range länd;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
									5	CR	Crack in pole (6" deep x 1" wide in different planes) from near ground line to approx. 12' up + crack from 20' to 40' up - up to 1"
13-5	N 35°22.047' W 119°32.683'	ОК	OK	ОК	N/A	N/A	3	N/A	5	HVS	HVS missing or needs replacing (3)
										RL	Range land
13-6	N 35°22.134'	ОК	ОК	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (4)
100	W 119°32.601'	OIL	OK	OK	= 10A	IVA	"	BK BK		RE	Range land;
									5	HVS	HVS missing or needs replacing (2)
13-7	N 35°22.182' W 119°32.447'	SEE NOTE	ОК	ОК	N/A	N/A	3	N/A	4	LN	Loose (1) 1/2" nut -bottom X brace, A pole
										RL	Range land
									5	CR	B-pole @ bottom x-brace, 8' crack, 1/2" wide
									5	S	Loose ground wire on B pole from 8'
14-1	N 35°22.239'	OV						COND AND EHS	5	CR	A-pole ground to12', crack, 7" deep
14-1	W 119°32.312'	ОК	ОК	ОК	N/A	N/A	3	BOTH - AH and BK	4	LN	Loose (1) 1/2° nut - V brace above A phase - head backed out up to 1/8°
									5	HVS	HVS missing or needs replacing (3)
								(e)		Bb	Range land;
									5	CR	A pole spiral crack at X brace attachment
									5	CA	B-pole spiral crack from ground to 10' up - up to 1" width
	N 35°22,288'				-				5	D	Daylight between upper V brace and A pole
14-2	W 119°32.183'	OK	ОК	ОК	N/A	N/A	3	N/A	5	SWTD	A pole - bottom X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (3)
										RL	Range (and)
									5	CR	A-pole vertical crack, 6' to top, up to 3/4" wide
			200	02000					5	HVS	HVS missing or needs replacing (4)
14-3		OK	OK	ОК	N/A	N/A	3	N/A	5	CR	B pole cracks 1° wide 6° deep 6' long.
										86	Range land;

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STR NO	STRUCTURE	HARDWARE	X BRACE	CROSSARM	ANCHOR	GUYS	FIRE	DAMPERS	PR	IORITY	DOUG COMMENTS
	LAT/LONG	THE DIVINE	V BRACE	OTOGGATIM	ANGLIGH	0013	CATEGORY	DAMIFERS		LIST	2018 COMMENTS
									5	D	Daylight between bottom of X bracing and B pole - less than 1/4"
									5	D	Daylight between A pole and V bracing - up to 1/8*
14-4	N 35°22.404' W 119°31.930'	OK	ОК	ОК	N/A	N/A	3	N/A	5	CR	Cracks on A and B poles near cross arm
							1.5		5	HVS	HVS missing or needs replacing (4)
										AL	Range land
									1	MN	Missing (1) ½" lock nut on bottom X bracing center clamp; and missint (1) 1/2" nut on same clamp. This should be corrected during next scheduled maintenance outage
									5	0	Daylight between A pole and upper X brace
14-5	N 35°22.465'	SEE NOTE	ОК	ОК	N/A	N/A	3	COND AND EHS	5	HVS	HVS missing or needs replacing (2)
14-5	W119°31,790'	SCENOIL	OK	On.	INV	Nen	"	BK	5	SWTD	A and B pole spring washers turned down.
									200	. v.	Aqueduct AOL
										RL	Range land)
									5	CR	Crack on B pole from ground to 35' up - up to 1" wide and 6" deep
									5	HVS	HVS missing or needs replacing (3)
14-6	N 35°22.510' W 119°31.667'	ОК	ОК	OK	N/A	N/A	3	N/A	5	D	B pole bottom X bracing daylight between pole.
										Rb	Range land;
									5	CR	Crack on B pole from ground to 20' up - up to 4-8' deep
									5	HVS	HVS missing or needs replacing (2)
	N 05000 5701							COND AND EHS	5	SWTD	B pole spring washer turned down
14-7	N 35°22.572' W 119°31.518'	OK	OK	OK	N/A	N/A	3	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (1)
			i								Pole mile marker falling off, the number 1 (14-7)
										BL	Range (and;
		- 3							5	CR	Crack in B pole at top of X bracing - up to 1 1/2° crack at bolt
									5	CR	A pole twisted AOL - up to 2'; B pole twisted BOL - up to 2'
15-1	N 35°22.652' W 119°31.343'	ОК	OK	ок	N/A	N/A	3	N/A	5	D	Daylight between bottom X bracing and B pole
	J. 110 01.010								5	HVS	HVS missing or needs replacing (4)
										BL	Range land;

CONTRACTOR CONTRACTOR

STR NO	STRUCTURE	HARDWARE	X BRACE	CROSSARM	ANCHOR	GUYS	FIRE	DAMPERS		IORITY	2018 COMMENTS
	LAT/LONG		V BRACE		781011011	0010	CATEGORY	DAMI ENG		LIST	Vs. 09/09/20 Mascattl (HALP CHI) MARIN
									5	CA	B pole has several cracks all the way down, with the largest ranging up to 7" deep and 1" wide
									5	D	Daylight between bottom X bracing and A and B poles - less than 1/4*
								COND AND EUC	4	MN	Missing (1) 1/2" backup nut on upper X bracing center clamp
15-2	N 35°22.735' W 119°31.227'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	A pole crack from 7' to 15' x 3/4" wide
								i dit	5	CR	Static bar metal brace - B pole Split at bolt. B pole x-brace large split at hardware. Spiral cracking
									5	HVS	HVS missing or needs replacing (2)
										BL	Hange land;
									5	CR	B pole bottom X bracing botted into crack
15-3	N 35°22.796' W 119°31.091'	ОК	OK	ок	N/A	N/A	3	N/A	5	HVS	HVS missing or needs replacing (3)
										AL	Flange land;
									5	CR	B-pole crack, ground to 20'
15-4	N 35°22.832' W 119°30.940'	OK	ок	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (3)
								- BR		RL.	Range land)
					-				5	CR	A pole has vertical crack from ground to 20', up to 1" wide x 8" deep
15-5	N 35°23.085'	ОК	N/A	N/A	SEE NOTE	SEE NOTE	,	N//*	4	MN	Missing (1) 1/2" nut and locknut on X bracing center clamp
100	W 119°30.799'	OK	INA	.WA	SEE NOTE	SEE NOIE	J.	N/A	5	HVS	HVS missing or needs replacing (1)
										86	Range land;
									5	CR	A pole crack from near bottom to 30' up - up to 3/4" wide
15-6	N 35°22.902'	ОК	ОК	ОК	N/A	N/A	1	COND AND EHS BOTH - AH and	4	MN	X brace center clamp missing nut.
	W 119°30.658'	w/1,	- Cit	un	TWP)	12/1	'	BK	5	HVS	
										PT	Pistachio trees - saplings 5-6.5' tall
	,								5	CR	A pole crack 1" wide 6-8" deep base to 15' up.
16-1	N 35°23.005'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	1	N/A	4	BGW	
10 m 18	W 119°30.547'			-11		1001	•	IWH	5	HVS	
										PT	Pistachio trees - saplings 5-6.5' tall

EXPENSED PROPERTY AND ADMINISTRAL PROPERTY OF THE PARTY OF

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
									5	HVS	HVS missing or needs replacing (4)
16-2	N 35°23,009°	ОК	ОК	ОК	N/A	AZZA		COND AND EHS	5	CR	B pole crack 1" wide 8" deep base to 10'
10-2	W 119°30.360'	OK .	OK	OK	N/A	N/A	'	BOTH - AH and BK	5	SWTD	A pole spring washer turned down,
						3			3	PT	Pistachio trees - saptings 5-6.5' tall
16-3	N 35°23.017'	ОК	ОК	ОК	N/A	N/A	,	N/A	5	HVS	HVS missing or needs replacing (3)
	W 119°30.202'				, and			IWA		PT	Pistachio trees - saplings 5-6.5' tall
16-4	N 35°22.959'	OK	SEE NOTE	ОК	N/A	N/A		COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (4)
	W 119°30.048')					·	ВК		С	Cotton field
					7						
									5	М	Missing pole ID on pole B
16-5	N 35°22.998'	OK	ОК	ОK	N/A	N/A	1	N/A	4	BGW	Broken ground wire on B pote
	W 119°29,878'	20-77-00-7	1,100,000						5	D	Daylight between A pole and bottom X brace
									5	HVS	HVS missing or needs replacing (4)
										С	Cotton field
5.1			į		3			COND AND EHS		FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1* deep section near bottom of pole
16-6	N 35°22.960' W 119°29.746'	OK	ОК	ОК	N/A	N/A	1	BOTH - AH and BK	5	HVS	HVS missing or needs reptacing (3)
		200	2026							С	Cotton field
									5	D	Daylight between B pole and bottom X brace
16-7	N 35°22.922'	ок	OK	ОК	N/A	N/A	4 1	N/A		FED	Farm Equipment Damage - minor - A and B poles - less than 1" deep from 1" up to about 4-1/2" up
	W 119°29.534'	15687A		e e e e e e e e e e e e e e e e e e e					5	HVS	HVS missing or needs replacing (4)
										С	Cotton field
	M ormon a set							COND AND EHS	5	HVS	HVS missing or needs replacing (4)
17-1	N 35°23.013' W 119°29.426'	ОК	OK	OK	N/A	N/A	1	BOTH - AH and BK	5	D	A pole V brace daylight between pole and brace.
						- 10		0		С	Cotton field

STRNO	STRUCTURE	HAROWARE	X BRACE	CROSSARM	ANCHOR	OLING	FIRE		PR	ORITY	
SIRMO	LAT / LONG	HARUWARE	V BRACE	CHUSSAHM	ANCHUH	GUYS	CATEGORY	DAMPERS		JIST	2018 COMMENTS
17-2	N 35°22.957	ОК	ОК	ОК	N/A	N/A	1	N/A	5	HVS	HVS missing or needs replacing (4)
	W 119°29.260'		97028	500	Person.			,,,,,		C	Cotton field
											B pole cracking
		33					3.774		5	FED	Farm Equipment Damage - minor - A and B poles - nicked by farm equipment - less than 1" deep sections near bottom of poles
17-3	N 35°23.009'	ОК	ОК	ОК	N/A	N/A	3	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (4)
	W 119°29.122'	OK	OK .) On	IVA	IWA	3	BK BK	5	SWTD	B pole spring washers turned down
							P1 200,000			С	C phase insulator chipped (pic)
	77.7466,481						200.0		5	D	Daylight between B pole and bottom X brace
									5	FED	Farm Equipment Damage - minor - A and B poles - nicked by farm equipment - less than 1° deep sections near bottom of poles. New damage? (pic)
					2 new				5	HVS	HVS missing or needs replacing (3)
17-4	N 35°22.940' W 119°28.997'	ок	ОК	ОК	anchors installed	SEE NOTE	3	N/A			Guy wire seals did not cure. Looks like marshmellow.
					8/2015						A pole ground wire damaged at bottom of pole
			0							PT	Pistachlo grove trees approaching 16-17 ft height - checked midspan clearance - midspan height conductor is ~35'-6'
							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5	FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1" deep section near bottom of pole
									5	CR	B pole and A pole has a crack from bottom to top of bottom X brace
17-5	N 35°22.940'	OK :	OV	OK.	NVA			COND AND EHS	4	BGW	Broken ground wire on A pole
17-5	W 119°28.825'	UK	OK	OK	N/A	N/A	1	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)
	ž	l								FED	B pole damage. (pic)
										С	Cotton field
										EHS	A pole shield wire pulled AOL - up to 1"
17-6	N 35°22.894'	04	04	04	hu/A	61/2		,,,,,	5	HVS	HVS missing or needs replacing (4)
17-0	W 119°28.665'	OK	OK	OK	N/A	N/A	1	N/A		FED	B pole damage. (pic)
				11						С	Cotton field

17-7 N 35°22.951 SEE NOTE SEE NOTE OK NA NA NA 1 OK OK NA NA NA 1 OK OK NA NA NA 1 OK OK NA NA NA 1 OK OK NA NA NA 1 OK OK OK OK NA NA NA 1 OK OK OK OK NA NA NA 1 OK OK OK OK NA NA NA 1 OK OK OK OK NA NA NA 1 OK OK OK OK NA NA NA 1 OK OK OK OK OK OK OK OK OK OK OK NA NA NA 1 OK OK OK OK OK OK OK OK OK OK OK OK OK	STR NO	STRUCTURE	HARDWARE	X BRACE	CROSSARM	ANCHOR	GUYS	FIRE	DAMPERS		IORITY	2018 COMMENTS
17-7		LAT/LONG		V BRACE		7,4161,161	40.0	CATEGORY	Drum Ella	_ !	LIST	and the second of the second o
17-77 N 30792.551 SEE NOTE OK N/A N/										4	LN	- A
18-1 M 19723.00F OK							3			4	BGW	Broken ground wire on B pole
18-1	17-7		SEE NOTE	SEE NOTE	ок	N/A	N/A	1	BOTH - AH and	5	HVS	HVS missing or needs replacing (4)
18-1								et.	BN.	5	SWID	B pole spring washer turned down
18-1								273			С	Cotton field
18-1	:		****							5	HVS	HVS missing or needs replacing (4)
Sp Spotted with scope from road. C C C C C C C C C	18-1		OK	OK	OK.	M/A	MA	4	OV	4	BGW	Broken ground wire on A pole
18-2 N 35°22.019′ W 119°28.190′ OK OK NA NA NA NA NA NA NA NA NA NA NA NA NA	10-1	W 119°28.343'	Ů.	OK .	OK :	NVA	N/A		UK .		SP	Spotted with scope from road.
18-2 N 35°23.019′ W 119°28.190′ OK OK OK N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	i		-								С	Cotton field
18-2 N 35°23.019′ VN 119°26.190′ OK OK OK NA NA NA 1 COND AND ELS BOTH - AH and BK Sp Spotted with scope from road. 18-3 N 35°22.956′ VN 119°28.033′ OK NA NA NA NA NA NA NA NA NA NA NA NA NA			32.0	377.5				-		5	FED	Farm Equipment damage - minor - A and B poles - nicked by farm equipment - up to 1" deep section near bottom of pole
18-2 N 35°23.019′ OK OK OK N/A N/A N/A 1 BOTH - AH and BK 5 HVS HVS missing or needs replacing (4) 18-3 N 35°22.956′ W 119°28.033′ OK N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A				***************************************						5	D	Daylight between A pole and upper V brace
BK 5 HVS HVS missing or needs reptacing (4) SP Spotted with scope from road. C Cotton field	19.2		OK	OK	OV	MIA				4	BGW	Broken ground wire on A pole
18-3 N 35°22.956′ W 119°28.033′ OK N/A N/A N/A N/A N/A 1 N/A 1 N/A 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	,0-2	W 119°28.190'	OK	OK .	OK	N/A	NVA	,		5	HVS	HVS missing or needs reptacing (4)
18-3 N 35°22.956′ W 119°28.033′ OK N/A N/A N/A N/A N/A 1 N/A 1 N/A 1 N/A 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A		70 50 50 50 50 50 50									SP	Spotted with scope from road.
18-3 N 35°22.956' W 119°28.033' OK N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A			i				3.				С	Cotton field
18-3 N 35°22.956' W 119°28.033' OK N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A		***					ř.					
18-4 N 35°23.063' OK OK OK OK N/A N/A 1 COND AND EHS SOTH - AH and BK C Alfalfa field	10.0	N 35°22.956'	04		l lua						м	Anchor bolt nuts tight and ground wire in place
18-4 N 35°23.063' W 119°28.039' OK OK OK N/A N/A 1 COND AND EHS BOTH - AH and BK C Alfalfa field 18-5 N 35°23.168' OK OK OK N/A N/A 1 N/A 1 N/A 5 HVS Missing or needs replacing (4) 18-6 N 35°23.168' OK OK OK N/A N/A N/A 1 N/A 5 HVS Missing or needs replacing (3)	10-3	W 119°28.033'	OK .	N/A	N/A	N/A	N/A	1	N/A	5	HVS	HVS missing on steel structures
18-4 N 35°23.063' OK OK OK N/A N/A 1 BOTH - AH and BK C Alfalfa field 18-5 N 35°23.168' OK OK OK N/A N/A 1 N/A 1 N/A 5 HVS Missing or needs replacing (3) Alfalfa field		1									С	Cotton field
BK C Affalfa field BK C Affalfa field 4 BGW Broken ground wire on B pole 4 BGW HVS missing or needs replacing (3) N/A 5 HVS Missing or needs replacing (3)	19.4		OK	OV	OV	AUA	ANZA			5	HVS	HVS missing or needs replacing (4)
18-5 N 35°23.168' OK OK OK N/A N/A 1 N/A 5 HVS missing or needs replacing (3)	16-4	W 119°28.039'	OK	- OK	OK	NVA	IVA	<u>l</u>			С	Atfalfa field
W 119°28.046' OK OK N/A N/A 1 N/A 5 HVS							320			4	BGW	Broken ground wire on B pole
c Alfalfa field	18-5		ОК	ОК	OK	N/A	N/A	1	N/A	5	HVS	HVS missing or needs replacing (3)
						9					С	Alfalfa field
COND AND EHS 5 HVS missing or needs replacing (3)	10.0	N 35°23.311'	DEE MOTE	04	011			,		5	HVS	HVS missing or needs replacing (3)
18-6 W 119°28.055' SEE NOTE OK OK N/A N/A 1 BOTH - AH and BK C Cotton field	10-0	W 119°28.055'	SEE NUIE	UK	UK	N/A	N/A	1			С	Cotton field

STA NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS
										М	Anchor bolt nuts tight and ground wire in place
18-7	N 35°23.427' W 119°28.057'	ОК	N/A	N/A	N/A	N/A	1	N/A	5	HVS	HVS missing on steel structures
										С	Cotton field
	į								5	D	Daylight between A pole and upper V brace
19-1	N 35°23.505'	ОК	ОК	ОК	N/A	N/A	,	COND AND EHS	5	FED	Farm Equipment damage - minor - B pole - nicked by farm equipment - up to 1* deep section near bottom of pole
15-1	W 119°27.900'	- OK	UK	OK .	NVA	N/A	3	BK BK	5	HVS	HVS missing or needs replacing (4)
										PT	Pistachio grove trees approaching 16-17 ft height - checked midspan clearance - midspan height of conductor is ~37'-6"
									4	MN	Missing (1) 1/2* nut - broken off bott head on upper X brace on A pole side
19-2	N 35°23.511'	OK	ОК	ОК	N/A	N/A	3	N/A	5	FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1" deep section near bottom of pole
	W 119°27.791'	O.K	OK	OK	IVA	IVA	,	IWA	5	HVS	HVS missing or needs replacing (4)
										PT	Pistachio grove trees approaching 16-17 ft height (see comment for str 19-2)
									5	D	Daylight between B pole and bottom X brace
	Positi Disco							COND AND EHS		EHS	East shield wire pulled BOL up to 3*
19-3	N 35°23 593' W 119°27 652'	OK	ОК	ОК	N/A	N/A	3	BOTH - AH and BK		EHS	West shield wire pulled AOL up to 1"
									5	HVS	HVS missing or needs replacing (4)
							:			PT	Pistachio grove trees approaching 16-17 ft height (see comment for str 19-2)
							890		4	LN	Loose (1) 1/2" nut on center V bracing
19-4	N 35°23.611'	SEE NOTE	SEE NOTE	ОК	N/A .	N/A	1	N/A	5	HVS	HVS missing or needs replacing (3)
	W 119°27.644'						*				Pole mile marker missing the number 1 (19-4)
										С	Cotton field
									5	CR	A pole splitting starting at 6' approx. 1° wide x 8° deep
19-5	N 35°23.483'	ОК	ОК	ОК	N/A	N/A	t	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (4)
	W 119°27.524'					1211	,	BK			Pole mile marker missing the number 1 (19-5)
										С	Cotton field

THE R. LEWIS CO., LANSING, MICH. LANSING, MICH. LANSING,

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	100	IORITY LIST	2018 COMMENTS
		7.54							5	HVS	HVS missing or needs reptacing (4)
19-6	N 35°23.931' W 119°27.309'	ОК	ОК	ок	N/A	N/A	1	N/A			A and B poles cracked 1" wide 8" deep 10- 15' up.
				Į,			0			С	Cotton field
	17							COND AND FUG		М	Anchor bolt nuts tight and ground wire in place
19-7	N 35°23.901' W 119°27,121'	ОК	N/A	N/A	N/A	N/A	i	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing on steel structures
j										С	Cotton field
MSCC	N 35°23.901'	ОК	N/A	N/A	N/A	N/A	2	N/A		L	Lattice structure – all members lightly fastened
0-3	W 119°27.121'		1670	, un	. TWA	150		IVA	4	WI	Wash insulators per established washing schedule. Currently all insulators are fairly clean.
MSCC	N 35°23.986'	ОК	N/A	N/A	N/A	N/A	2	N/A		L	1.attice structure – all members tightly fastened
0-2	W 119°26.988'			i i	IUA	IVA		IVA		RL	Range land - fenced yard at Midway substation
MSCC	N 35°24.071'	ОК	N/A	N/A	N/A	N/A	2	N/A		L	Lattice structure – all members tightly fastened
0-1	W 119°27.002'	_	.57	13/11	100	1875	4 :	IVA		RL	Range land - fenced yard at Midway substation

STR NO	STRUCTURE	HARDWARE	X BRACE	CBOSCABIA	ANGUOD	OLING	FIRE		PRIORITY	Annual Control of the
SINIO	LAT / LONG	HANDWARE	V BRACE	CROSSARM	ANCHOR	GUYS	CATEGORY	DAMPERS	LIST	2018 COMMENTS

The following structures are located south of pole #1/1, from the Midway Sunset Cogeneration Switchyard south.

									_	
North side of Station - A Fran							N/A	N/A	OK :	MSCC Switchyard
Remove bird nest from A frame on west side	BN	1		0	N/A	N/A	N/A	N/A	UK	MOCO SWIICHYAID
South of switchyard area - next to roo			T							
HVS missing or needs replacing (6)	HVS	5					10000		A.,	11000 5 1 444
Daylight between B pole and gain plates on station side (1/4" to 1/2")	D	5		0	N/A	N/A	N/A	N/A	OK	MSCC Poles #0/1
Missing pole number for 'C' pole	М	5			:					
in Western substation – north side A fran			T							-
								9200345		
Old style polymer insulators - recommend change out to new insulators during a scheduled outage	OI	2		0	N/A	N/A	N/A	N/A	OK	Western Substation
Discoloration (rust color) on top of East frame from previously installed device (now removed) that bleat rust - OK	М	5						ì		
in Western substation – south side A fram			\top							3
Ground wire bolts rusting				0	N/A	N/A	N/A	N/A	ОК	Western Substation
Old style polymer insulators - recommend change out to new insulators during a scheduled outage	OI	2								
In Western substation – east side H frame str (north si			T				() (
				0	OK	ОК	N/A	N/A	ОК	MSCC Pole #0/2
in Western substation – east side H frame str (south st			\dagger							
Slack guy wire.	-					220	55000	200.0000		
HVS missing or needs replacing (4)	HVS			0	OK	OK	N/A	N/A	SEE NOTE	MSCC Pole #0/3
Missing (2) Stainless Steel hump back cotter keys on bent bolts above jumper insulators - A and B phases	М	5								

STR NO STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
MSCC Pole #0/4	ОК	N/A	N/A	ОК	OK	3	N/A	Г		East of Western substation (set of 3 poles)
								5	М	Bottom bott on post insulators is loose (1/4*-1/2*)
								5	М	Missing pole number all phases
								5		Guys not taped
								5	CR	A pole splitting from ground to 1/2 way up - up to 1° wide and 8° deep
								5	HVS	HVS missing or needs replacing (2)
MSCC Pole #0/5	ок	N/A	N/A	N/A	N/A	3	N/A			East and south of Western substation
								5	М	Missing pole number
								5	CR	Spiral splitting 10' high 1" wide 6" deep
								4	LN	Loose nut - bottom bott on all 3 post insulators is loose (1/4*-1/2*)
MSCC Pole #0/6	ОК	N/A	N/A	ОК	SEE NOTE	3	N/A			West of Victory substation
								5	М	Missing pole number
								5	A	Anchors not taped
								5	GG	Missing guy guards on down guys (2)
Victory Substation "H" Str	ОК	N/A	N/A	N/A	N/A	0	N/A			in Victory substation

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MIDWAY SUNSET 4th QUARTER INSPECTION REPORT WO# 126998

Inspection Dates: 10/1/2018 through 12/31/2018

STR NO	n Dates: 10/1/2 STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY JIST	2018 COMMENTS
	DATTEONG										
	1								5	CGP	(5) Guys not attached to cow guard poles in pasture land.
		1									B pole, south guy bracket loose at top. Tight at bottom
									5	D	Daylight between pole and pole eye plates - several dead end attachment items are loose (show daylight), but secure. These are a result of pole shrinkage over the years
											Guy Bracket on B pole sunk into pole on north side, pole showing splintering at bracket.
PHANGSAL	N 35°13.667'	29/4/100	200,000,000		9 new anchors		101				A pole Guy Cow Guard not burried. Loose North Guys on A/B pole. C Pole East Guy loose.
1-1	W 119°37,875'	OK	N/A	N/A	installed 8/2015	SEE NOTE	2	N/A	5	D	Daylight between south guy attachment and pole and pole eye plates - up to 1/4"-3/4" on A/C pole an 2" on B pole
	3										Few loose guy wires that need to be tightened.
									5	HVS	HVS missing or needs replacing (3)
									1	AL	Range land;
									5	CR	Spiral crack, A & C poles full length
4.0	N 35°13.781"	OFF HOTE						COND AND EHS	5	CR	C pole horizontal insulator hardware bolt in crack
1-2	W 119°37.929'	SEE NOTE	N/A	N/A	OK	SEE NOTE	2	BOTH - AH and BK	-5	HVS	HVS missing or needs replacing (2)
	0.1.9								1	BL	Range land;
									4	LN	Loose (1) 1/2* nut on B phase center bottom V brace
1-3	N 35°13.914'	SEE NOTE	SEE NOTE	ок	N/A	N/A	2	COND AND EHS	5	HVS	HVS missing or needs replacing (1)
1-3	W 119°37.967'	SEEMOTE	SEENOIE	OK	INA	INA	2	BK BK			Loose spring washers on A and B poles
									1	BL	Flanige land;
									4	LN	(1) 1/2* bolt backed out 1/8* under center bottom V brace
									5	D	Daylight between V brace and A & B poles (less than 1/4")
1-4	N 35°14.048'	ОК	ок	ОК	N/A	N/A	2	N/A	5	HVS	HVS missing or needs replacing (1)
ia na	W 119°37.995'		J.	- N	.Tun	"	*	IVA.	5	D	Daylight between top of X brace and A pole (less than 3/8*)
		8				1		3	4	BW	End of bird wire loose above C phase
1		-							1	BL	Range land)

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY	2018 COMMENTS
	-								5	s	Ground wire staples on A pole coming out in several places
1-5	N 35°14.122'	SEE NOTE	ОК	ОК	AU/A			COND AND EHS	5	HVS	HVS missing or needs replacing (1)
1.3	W 119°38.033'	SEE NOTE	l Ox	UK	N/A	N/A	2	BOTH - AH and BK	5	СЯ	A & B pole shield wire HDW bolting through a spiral crack Shield wire brackets BOL hard. C phase AOL
				i:						RL	Range land
1-6	N 35°14.246'	ОК	ОК	ОК	N/A	N/A	2	ANA	5	SWTD	Spring Washer turned down on upper X brace A pole
	W 119°38.061'	OK .	- OK	OK .	INA	INA	2	N/A	1	AL	Range land:
									4	BW	Bird wire coming loose above A phase
									5	CR	Crack in A pole is up to 1° wide 10' up
117	N 35°14.386'	OV	01	- N				COND AND EHS	5	D	Daylight at C phase V brace @ pole 1/8" gap
1-7	W 119°38.086'	OK	OK	ОК	N/A	N/A	2	BOTH - AH and BK	5	D	Daylight at bottom of X brace at both A and B pole (<1/8")
									5	HVS	HVS missing or needs replacing (3)
									1	RL	Range land)
									5	CR	A & C pole split at shield wire hardware attachment
				1					5	S	Ground wire staples in various places coming out on A, B, C poles
	N 35°14.478'	011	l		7 new anchors				5	D	Daylight between pole eye plate and pole on A, B, C poles (1/4* to 1/2*)
1-8	W 119°38.170'	OK	N/A	N/A	installed 8/2015	SEE NOTE	2	N/A	5	HVS	HVS missing or needs replacing (3)
						ĺ			5	GG	Guy Guards missing (3), C phase guy post missing 1 of 2 bolts
									1	BL	Range land;
									5	S	Ground wire staples on A and B poles coming out in upper portion of pole
			Like (5	CR	Bottom X brace hardware in crack
.	N 35°14.569'				2992	0.000		COND AND EHS	4	MN	Missing (1) 1/2° nut on bottom V brace above A phase
2-1	W 119°38.013'	OK	SEE NOTE	OK	N/A	N/A	2	BOTH - AH and BK	5	GW	Ground wire (normally above pole tops) bent down below top of pole
									5	HVS	HVS missing or needs replacing (4)
									1	RL	Flange land;

STRNO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
	LAT/LONG	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Variable				ONIEGONI		4	MN	Missing (1) 1/2" nut and (1) 1/2" lock nut on X bracing center clamp
									4	LN	A pole top X brace - loose bolt backed out 1/2"
									5	S	Ground wire staples on B pole coming out above cross arm
2-2	N 35°14.658'	ОК	SEE NOTE	ОК	N/A	N/A	2	N/A	5	D	Daylight between B pole and bottom X brace attachment (1/8*)
	W 119°37.939'								5	S	A pole top ground wire loose from top of pole
19									5	HVS	HVS missing or needs replacing (3)
									1	RL	Range land;
]	5	CR	Large split on the top of B pole; at static rall attachment (1 side of pole only). Spiral cracking up to 10'
									5	S	(1' wide) Ground wire staples in several places on B pole bottom are backing out
									5	GW	Ground wire (normally above pole tops) bent down below top of pole
								COND AND EHS		SWIE	Corina Machar turned days on upper V hoses A pale
2-3	N 35°14.722' W 119°37.844'	ОК	SEE NOTE	ОК	N/A	N/A	2	BOTH - AH and	5	D	Daylight between A pole and upper X brace (1/8*)
								U. C.	4	-	Bird wire end loose above B phase, but not hanging down
										BW	HVS missing or needs replacing (2)
									5	HVS	Bango land
							-		3	RL	Daylight between B pole and bottom X brace (1/8")
									5	D	Bird wire end loose above B phase, but not hanging down
	N 35°14.808'								4	BW	Minor cracking in various places going up A & B poles
2-4	W 119°37,740'	OK	ОК	ОК	N/A	N/A	2	N/A	5	CR	HVS missing or needs replacing (3)
									5	HVS	Range land:
	-1.00				_					RL.	Missing (1) 5/8° nut above C phase inside crossarm; and Loose (1) 1/2° bott backed out 1/8° upper
									4	MN	outside V brace B pole A pole shield wire BOL (approx. 2")
										EHS	3 2524 3
2-5	N 35°14.884' W 119°37.654'	OK	OK	ОК	N/A	N/A	2	COND AND EHS BOTH - AH and		COND	<u> </u>
	11 113 37,004							BK	5	CR	B pole wicrossbeam hardware in crack,
									5	HVS	HVS missing or needs replacing (2)
										RL	Range kand;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
									4	LN	Loose (1) 1/2° bolt backed out 1/8° upper outside V brace B pole
					2 new	9			5	D	Daylight between A pole and top outside V brace (1/8*)
2-6	N 35°14.968' W 119°37.516'	SEE NOTE	ОК	ОК	anchors installed	ОК	2	N/A	5	D	Daylight between pole and guy wire brackets - up to 1/4"
					8/2015				5	HVS	HVS missing or needs replacing (4)
			-							RL	Range land
									5	D	Daylight between pole eye plate and pole on guy attachment on A, B and C poles (up to 1/2")
	1								5	CGP	Cow guard pole is broken off (C pole) and needs to be replaced
	1047022.002000				8 new			COND AND EHS	5	GG	Guy Guards missing (6)
2-7	N 35°15.029' W 119°37,445'	OK	ОК	ОК	anchors installed	ОК	2	BOTH - AH and BK	5	М	Shotgun pattern on C Pole - no damage to hardware (old)
					8/2015				5	s	Ground wire on B & C poles loose in several areas
									5	HVS	HVS missing or needs replacing (2)
										RL	Blange land/
			ĺ						4	LN	Loose (1) 1/2* nut on bottom V brace above B phase
									4	BGW	Missing ground wire on B pole in X-brace area - due to many staples missing
									5	D	Daylight between upper V brace on A and B poles
-:									5	CR	A & B pole crack at hardware and cracking at top of A phase pole
2-8	N 35°15,150°	SEE NOTE	SEE NOTE	ок	N/A	N/A	2	N/A	5	CR	B pole upper X-brace HDW in cracks
2011.1	W 119°37,461'				1000	17-34-34	72.2	20000	5	CR	B pole cracking full length 1/4" to 3/4" wide
									5	D	Daylight between A pole and bottom X brace (1/8*)
									5	BW	Loose birdwire above B phase
										EHS	Both shield wires BOL 1-2*
										RL	Range land)
				V					4	LN	Loose (2) 1/2" bolt upper V brace both A and B poles (backed out heads)
3-1	N 35°15.220'	SEE NOTE	SEE NOTE	ок	N/A	N/A	2	COND AND EHS BOTH - AH and	4	BW	Bird wire end loose above A phase, but not hanging down
	W 119°37.492'			OK				ВК	5	HVS	HVS missing or needs replacing (4)
	100									RL	Range land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PR	IORITY LIST	2018 COMMENTS
									5	CR	B pole vertical cracking full length 4-6 ft.
										CON	D A phase Cond AOL 3*
3-2	N 35°15.390' W 119°37.468'	OK	ОК	OK	N⊬A	N/A	2	N/A		CON	C phase AOL 1/2"
									-5	SWT	Spring Washer turned down on bottom X brace A pole
							.,		5	HVS	<u> </u>
										BL	
									5	D	Daylight between A pole and bottom X brace attachment (up to ¼")
									5	D	Daylight between top V brace and 8 Pole
									5	D	Daylight between B pole and V brace - up to 1/4*
3-3	N 35°15.488'	ок	OK	SEE NOTE	N/A	N/A	2	COND AND EHS BOTH - AH and	5	D	Daylight between B pole and upper V Brace - up to 1/4*
	W 119°37.505'	On		SEE NOTE	N/A	IN/A		BK BK		BW	Loose birdwire A phase
									5	CR	A and B poles have splits
		7							5	HVS	HVS missing or needs replacing (4)
										RL	Flange land;
									5	D	Daylight between bottom X brace and A pole - up to 1/8*
									5	CR	A and B poles have splits
		1									9.1
3-4	N 35°15.625' W 119°37.439'	SEE NOTE	ок	ок	N/A	N/A	2	N/A	5	CR	B pole shield wire brace bott in crack
										BW	Missing bird wire C phase and A pole
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land)

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STR NO	LAT/LONG	HAROWARE			ANCHOR	GUYS	FIRE	DAMPERS		ORITY	2018 COMMENTS
	-		V BRACE				CATEGORY	07 dill 27 d		LIST	
- 1									5	CR	A pole X brace hardware bolt in crack
	+								5	CR	A & B pole miner cracks
									5	Đ	Daylight between A pole and bottom X brace
1	N 35°15.707'							COND AND EHS		BW	Missing all birdwire
3-5	W 119°37,480'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	BOTH - AH and BK			
									_	_	Daylight between B pole and upper X brace
									5	D	HVS missing or needs replacing (3)
- 1									5	HVS	
	2000									AL	Renge land;
									5	СП	At top of A pole where static rail attaches, there is a big crack on both sides of pole - no concern at this time. (repair would be 12" or 14" anti split bolt with 4"x4" curved washers, spring washers, # 6 copper for bonding, below rail). Some cracking on B pole
									4	LN	Loose (1) 1/2° nut on V brace to B pole
3-6	N 35°15.878'	SEE NOTE \$	SEE NOTE	ОК	2 new anchors	ОК	2	N/A	5	СЯ	A pole lower X-brace hardware bolt in crack
	W 119°37.474'				installed 8/2015	2 -2-			5	s	B pole ground wire staples gone 2/3 ways up pull, 10' loose
									5	D	Daylight between B pole and lower X brace attachment
									5	HVS	HVS missing or needs replacing (1)
										RL	Range kindi
									5	D	Daylight between A pole and lower X brace attachment
3-7	N 35°15.990' W 119°37.497'	See Note	ОК	ок	N/A	N/A	2	COND AND EHS BOTH - AH and	4	BW	Bird wire B phase - held in place with electrical tape
								BK		BL	Range land:
							-		5	CR	B pole X brace has vertical crack at hardware attachment, Both x-beam hardware in cracks
									5	CR	A & B poles minor cracking
	N 35°16.10'								5	CR	X-brace hardware in several cracks
4-1	W 119°37429'	ОК	OK	ОК	N/A	N/A	2	N/A	5	D	Daylight between V-brace and B pole - up to 1/4° daylight
									5	HVS	HVS missing or needs replacing (1)
										BL	Range landi

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE	DAMPERS		ORITY	2018 COMMENTS
	LAT/LONG		VEHACE	and the part of magazine and a facility of the first		ACCO-SOFT CODE	CATEGORY	V		LIST	A pole vertical crack from ground to X-brace
	lo.							;	5	СЯ	A pole vertical crack from ground to X-brace
1											
4-2	N 35°16.229' W 119°37,406'	ОК	ОК	ок	N/A	N/A	2	COND AND EHS BOTH - AH and	5	CA	B pole crack ground up to 10'
								BK	5	CR	A & B brace bolts are thru cracks
									5	HVS	HVS missing or needs replacing (2)
										BL	Range land;
									5	CR	B pole - EHS attachment bolt in crack, Upper X brace HDW in crack. A pole shield wire HDW in crack
4-3	N 35°16.404'	OF	OV.	۰					4	BW	Bird wire ends loose above A and C phases - hanging down near top of insulators
4-3	W 119°37,438'	OK	OK	OK	N/A	N/A	2	N/A	5	HVS	HVS missing or needs replacing (2)
										Rb	Range land;
						- 6			5	СЯ	A pole, large crack, ground to 10' - up to 3/4" wide
4-4	N 35°16.554'	ОК	ОК	ОК	N/A	N/A	2	COND AND EHS	5	Ð	Daylight between A pole and lower X brace attachment
	W 119°37.451'	•				12.1		BK	5	HVS	HVS missing or needs replacing (2)
										RL	Flange land;
									5	CR	A- Pole vertical crack 20' up , 7" deep, 1/2" wide
									4	BW	Bird wire coming loose above B phase
4-5	N 35°16.660' W 119°37.505'	SEE NOTE	ОК	ОК	N/A	N/A	2	N/A	5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"
									5	HVS	HVS missing or needs replacing (1)
										RL	Bange land)
									5	CR	B pole vertical cracking to 20' - first 8' up to 3/4" wide and up to 9" deep
									4	BW	Bird wire coming loose above C phase
4-6	N 35°16.780'	SEE NOTE	ОК	SEE NOTE	N/A	N/A	2	COND AND EHS BOTH - AH and		HDW	A-pole spring washer pointing down, X-brace hdw in crack
	W 119°37.452'	00011016	On .	OLE HOTE	GUA.	IWA	2	BK BK	5	CR	Crack in B pole - ground to 9' - 1" wide up to 9" deep
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY JST	2018 COMMENTS
							Til -	-	5	М	Bike rack chained to base of B pole
	i	3		. 1					4	MN	Loose (1) 5/8° nut above C phase inside crossarm
5-1	N 35°16.869'	ОК	ок	ОК	N/A	N/A	2	N/A	5	D	Daylight between top V brace and B Pole
	W119°37,419'	UN	- OK	UK.	N/A	N/A	2	IVA	4	MN	Missing (1) nut on crossarm above A phase - crossarm to phase bracket
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
	model standard DSSs. Co				10			COND AND EHS.	5	CR	A pole spiral cracking - with conductor crossarm bolt in crack
5-2	N 35°17.033' W 119°37.450'	N 35°17.033' OK OK OK N/A N/A :	2	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (1)				
										BL	Range Land;
									5	CR	Top of B pole split at EHS attachment
5-3	N 35°17.156' W 119°37.460'	OK	ОК	ОК	2 new anchors	ОК	2	COND AND EHS	5	CR	Minor cracking entire length - B pole
	W 119*37.460	i	3.	55655	installed 8/2015) 25	BOTH - Only BK	5	HVS	HVS missing or needs replacing (1)
										BL	Range land;
									5	CR	A pole - vertical crack at crossarm bolt
	N 0-P									BW	Birdwire B phase loose
5-4	N 35º17.270' W 119º37.484'	OK	OK	ОК	N/A	N/A	2	COND AND EHS BOTH - Only BK	5	D	Daylight between A pole and V brace
	957								5	HVS	HVS missing or needs replacing (1)
										RL	Range landi

STRINO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
	LAT / LONG		VOINGE		_		CATEGORY			Г	Rind with and lease about C abose
									4	BW	Missing /1) 5/9° and shown A phase incide acceptant
									4	MN	
						**			5	SWT	B pole - top of lower X brace - spring washer turned down
									5	CR	B pole - lower X-brace - upper bolt in large crack
5-5	N 35°17.374' W 119°37,447'	SEE NOTE	ОК	SEE NOTE	N/A	N/A	2	COND AND EHS BOTH - AH and	5	CR	Vertical crack at X brace attachment
								BK	Т		
	I I								5	HVS	HVS missing or needs replacing (1)
							6		_	-	B pole upper X-brace missing back up nut.
				1					4	MN	
										BL	Flange land:
						ļ			5	CR	B pole vertical cracking
			ОК		7 new				5	CR	Guy brace on C pole - bolt thru crack
5-6	N 35°17.533' W 119°37.465'	ОК		ОК	anchors installed	SEE NOTE	2	N/A		GRD	staples missing from ground wire
					8/2015				-5	HVS	HVS missing or needs replacing (3)
						ĺ		1		RL	Barrige lands
	24		-			-	-			nic.	SS hump back cotter key on end of insulator - 8 phase needs to be tapped in place next time crews are
									5	М	working on structure (this has been out since insulators were installed 2 years ago); and SS hump back
						7.0			٠	300	key only half way in on yoke plate, same assembly
			3						5	D	Daylight between A pole and guy attachment hardware - up to 1/2*
					4				5	D	Daylight between B pole and guy attachment hardware - up to 1/4*
5-7	N 35°17.691' W 119°37.283'	SEE NOTE	ок	OK	4 new anchors	ОК	2	COND AND EHS	5	CR	A pole spiral cracking
	41:13 d1.20a				installed 8/2015			BOTH - Only BK			B pole vertical cracking
								1988	5	CR	HVS missing or needs replacing (2)
				Y					5	HVS	200 at at page
									5	CR	A pole GW HW in cracks
										RL	Range (and)

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PR	IORITY	2018 COMMENTS
	2								4	LN	Loose (1) 1/2" nut on bottom V brace above C phase
	8	l.							5	D	Daylight between guy support and A Pole
					si.				5	SWTD	B pole -bottom of X brace - spring washer turned down
-					2 new					COND	A & C phase insulators BOL 3-5"
6-1	N 35°17.756' W 119°37.119'	ОК	ОК	ОК	anchors installed	SEE NOTE	2	COND AND EHS BOTH - Only BK		COND	A phase highest sag - B phase mid sag - C phase lowest sag
					8/2015				5	HVS	HVS missing or needs replacing (1)
	3									GW	Guywire loose
									2	COND	A pole 6'4' from edge
										BL	Flange land;
			DTE OK							COND	A & C phase BOL 2-3*
									5	D	Daylight between A pole and upper X brace and B pole X-brace
6-2	N 35°17,765' W 119°36,973'	SEE NOTE		ок	N/A	N/A	2	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (2)
								BK	5	SWTD	B pole - bottom brace - spring washer turned down
										RL	Range land;
									5	CR	A & B poles, minor spiral cracking
								1	5	CR	B pole shield wire hardware bott in crack
										COND	A Phase BOL 1-3*
6-3	N 35°17.802'	ОК	ОК	04		4114			5	D	Daylight between B pole and bottom X brace
0-3	W 119°36.822'	UK	UK	ОК	N/A	N/A	2	N/A	5	CR	Crossarm botting in spiral crack
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
									5	D	Daylight between pole and guy attachments
1 1											Few loose guy wires that need to be tightened A pole
									5	HVS	HVS missing or needs replacing (1)
6-4	N 35°17,828' W 119°36,714'	ОК	ОК	ОК	4 new anchors installed	ОК	2	COND AND EHS BOTH - AH and			Cracking on C pole
	11 112 00.714				8/2015			8K			C phase upper cotter pin almost out.
											A phase shoe cotter pin needs to be pushed in
								2		BL	Range land;
									5	D	Daylight between A pole and V brace - up to 1/4*
	4									COND	A and C phase insulators BOL.
6-5	N 35°17.835' W 119°36.539'	ок	OK	ок	N/A	N/A	2	N/A	5	CR	A & B poles minor cracking
									5	HVS	HVS missing or needs replacing (1)
									5	SWTD	B pole - bottom X- brace - spring washer turned down
										RL	Range land)
									5	м	Guy pole bands on A and B poles slipped down pole initially - no movement over the past several years
									1	OJI	Old style jumper insulator assemblies (3) still in place - recommend change out to new insulators during next scheduled outage
								2	5	GG	Missing (1) yellow guy guard - also guy guard post to attach guy wire to is broken off - should be replaced at some point in time
									5	s	A, B, & C ground wires pulled away from poles (up to 10')
6-6	N 35°17.823'	ОК	OK I	ÖK	SEE NOTE	SEE NOTE	2	COND AND EHS BOTH - AH and	5	CR	A & C poles, minor vertical/spiral cracking
	W 119°36.415'				522 11016	52211072		BK			A/B pole insulator HDW gaps
									5	D	Daylight between C pole and guying attachment - up to 1/2"
							1		5	HVS	HVS missing or needs replacing (1)
									5	CR	C pole GW HW in cracks
										RL	Range land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY	2018 COMMENTS
										COND	BOL sag off - B & C phase insulators AOL (A phase sag lowest - B phase middle sag - C phase sag highest)
		Δ.							5	HVS	HVS missing or needs replacing (3)
7-1	N 35°17.914'	OK	ОК	ОК	N/A	N/A	2	N/A	5	D	Daylight between B pole and lower X brace
	W 119°36.415'			0.1	N/A	INA	2	NVA	5	CR	Lower X-brace boil through large crack
									5	CR	A pole crack 1" wide 3" deep
										RL	Range land;
						-			5	D	Daylight between A pole and bottom X brace
7-2	N 35°18.041'	OK	ОК	OK	N/A	N/A	2	COND AND EHS BOTH - AH and	5	CR	Vertical cracking A & B pole
	W 119°36.397'	- On		- On	. Iwa	NA	2	BK BK	5	HVS	HVS missing or needs replacing (2)
										BL	Flainge land;
	·	3			-					COND	B & C phase insulators AOL - 2*
									5	D	Daylight between B pole and V brace
			4						5	SWTD	B pole - top of X brace - spring washer turned down
7-3	N 35°18.173' W 119°36.409'	OK	SEE NOTE	OK	N/A	N/A	2	N/A			
									5	S	Staples on B pole coming out - 2/3 pole length
									5	HVS	HVS missing or needs replacing (1)
										Rls	Range land;
							74.1		5	CR	B pole top is splitting, spiral cracking on A pole
7-4	N 35°18.299'	SEE NOTE	SEE NOTE	Ok	N/A	N/A	2	COND AND EHS BOTH - AH and	5	SWTD	B pole - bottom of X brace - spring washer turned down
	W 119°36,404'	SEE NOTE S		ОК	IVA	IVA	-	BK BK	5	HVS	HVS missing or needs replacing (2)
										RL	Range lend;

ENDINA TIMET AL AMARTO WERESTON REPORT - MAN ARESON

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY LIST	2018 COMMENTS
	STI / ESTIC		3			_			4	LN	Loose (1) ½" nut on bottom outside V brace above C phase
									4	LN	Loose (1) ½" nut on bottom center phase V brace
									4	MN	Missing (1) ½" nut on bottom center phase V brace
7-5	N 35°18.415' W 119°36.393'	ОК	SEE NOTE	ОК	N/A	N/A	2	N/A	5	D	Daylight between A pole and V brace
									5	D	Daylight between A pole and upper X brace
				1					5	CR	A & B poles minor cracking
										BL	Range land
							-		5	D	Daylight between top X bracing and B pole - up to 3/8"
	N 35°18.553'							COND AND EHS	4	LN	Loose (1) ½" nut on center bottom V brace
7-6	W 119°36.404'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)
	_	_								RL	Range land;
									4	LN	Loose (1) ½" nut on bottom V brace - above A phase
7-7	N 35°18.655' W 119°36.378'	SEE NOTE	ок	ОК	N/A	N/A	2	N/A	5	CR	Spiral cracking B pole at bottom of X-brace
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
					6	i		,	5	CR	B pole shield wire both in crack
7-8	N 35°18.553' W 119°36.404'	ОК	ОК	ок	N/A	N/A	2	COND AND EHS BOTH - AH and	5	CR	Spiral cracking middle of B pole
								BK	5	HVS	HVS missing or need replacing (1)
										RL	Range land;
									4	MN	Missing (1) 1/2" nut on bottom center V brace, and loose (1) 1/2" nut on bottom center V-brace
B-1	N 35°18.901' W 119°36.401'	SEE NOTE	SEE NOTE	ок	N/A	N/A	2	ОК	5	CR	B pole crack at X brace attachment bolt
	es en en entre entre entre entre entre entre entre entre entre entre entre entre entre entre entre entre entre								5	CR	A & B pole spiral cracking
										RL	Flange land;

STR NO	STRUCTURE	HARDWARE	X BRACE	CROSSARM	ANCHOR	GUYS	FIRE	DAMPEDO	PF	IORITY	
	LAT/LONG	TOTAL	V BRACE	CHOSSKIM	ANCHUR	GUTS	CATEGORY	DAMPERS		LIST	2018 COMMENTS
	:				ř				5	s	Loose staples on A, B and C poles
					E.				5	D	Daylight between guy / conductor attachment on A & B pole - up to 1/2" at top for guy; and up to 1" for conductor
			- ·						5	D	Daylight between guy / conductor attachment on B pole - up to 3/8"
8-2	N 35°19.002'	ОК	ОК	ОК	7 new anchors	OK		COND AND EHS	5	CR	B & C phase insulator hardware bolts are in or next to vertical cracks
0.2	W 119°36.375'	OK .	UK	UK.	installed 8/2015	OK	2	BOTH - AH and BK	5	CR	A and B pole shield wire hardware boits in cracks
					1				5	HVS	HVS missing or needs replacing (4)
									5	CR	B pole crack 1 1/2" wide 15' up pole about 1/3 of the pole deep
										RL	Elange land;
			4					¥.	5	D	Daylight between grid gains on conductor attachment side, all poles - A & B phase up to 1/2"; C phase up to 1°
8-3	N 35°19.122' W 119°36.191'	ок	ОК	ок	10 new anchors	SEE NOTE	2	N/A	1	OJI	Old style jumper insulator assemblies (3) still in place - recommend change out to new insulators during next scheduled outage
			-		installed 8/2015	OLL NOTE	-	I WA	5	HVS	HVS missing or needs replacing (1)
			-							BL	Flange land;
										COND	A phase insulator BOL
									5	s	Loose staples on lower portion of A pole
								COND AND EHS		EHS	Shield wire attachments on both sides of structure pulled BOL up to 2*
8-4	N 35°19.173' W 119°36.102'	OK	ОК	OK	N/A	N/A	2	BOTH - AH and BK	5	D	Daylight between A pole and bottom X brace - up to 1/8° gap
						. 1			5	HVS	HVS missing or needs replacing (2)
1							v		5	CR	A pole split at top near cross beam
										BL	Range fand;
	N 35°19.177'		- 6		7 new				5	CH	A pole Guy HDW loose - and hardware in crack
8-5	W 119°36.059°	ОК	OK	OK	anchors installed late 2015	SEE NOTE	2	N/A	5	HVS	HVS missing or needs replacing (2)
					2010					AL	Range land;

	STRUCTURE		X BRACE	000004044	ANGUAR	CUNC	FIRE	DAMOSTO	PRI	ORITY	ONE COMMENTO
STRINO	LAT/LONG	HARDWARE	V BRACE	CROSSARM	ANCHOR	GUYS	CATEGORY	DAMPERS	ı	LIST	2018 COMMENTS
									5	CR	A pole shield wire bolt in crack
					2 new				5	СЯ	Upper V-brace bolt at B pole in crack, crossam A pole HDW in crack
8-6	N 35°19.320' W 119°36.042'	SEE NOTE	SEE NOTE	ОК	anchors installed	ок	2	BOTH - AH and	5	CR	B pole crack FROM ground to 10' up (6" deep X 1" wide)
					8/2015			ВК	5	HVS	HVS missing or needs replacing (1)
										AL	Bange land;
									5	CR	A pole has crack 6" deep and 1" wide from ground level to 12' up
									4	MN	Missing (1) ½" nut on center bottom V brace
8-7	N 35°18.405' W 119°36.020'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	2	N/A	4	LN	B pole upper X brace loose nut.
									5	HVS	HVS missing or needs replacing (1)
									100	RL.	Range land;
									1	OI	Old style braced post insulator assemblies still in place - recommend change out to new insulators during next scheduled outage
	Ì								5	D	Daylight between C pole insulator plate, upper bolt head out 1/4° from plate
	N 35°19.537'				4 new			COND AND EHS	5	RA	Restricted access - single twisted wire on steel posts to keep oil field traffic within bounds - should be no issue if access needed to get to structure site for work
8-8	W 119°36.022'	OK	N/A	N/A	installed 8/2015	OK	2	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
										BL	Flange land)
									5	CR	A pole vertical split from ground to 30' - at 10', 1-1/2" wide crack up to 9" deep
									5	D	Daylight between A and B poles lower X brace attachment - up to 1/8" and V brace A pole
9-1	N 35°19.671' W 119°36.034'	ОК	OK	ОК	N/A	N/A	2	N/A	5	RA	Restricted access - single twisted wire on steel posts to keep oil field traffic within bounds - should be no issue if access needed to get to structure site for work
	W 119°36.034'		UK	OK					5	HVS	HVS missing or neads replacing (1)
										Bb	Range land:

e and management to

STR NO	STRUCTURE	HARDWARE	X BRACE	00000101			FIRE		PR	ORITY	T
SININO	LAT/LONG	HAHUWAHE	V BRACE	CROSSARM	ANCHOR	GUYS	CATEGORY	DAMPERS		LIST	2018 COMMENTS
										COND	A Phase insulator BOL approx. 2"
									5	D	Daylight between A pole and bottom X brace attachment - up to 1/8*
									5	CR	B pole cracked at upper hardware HDW in cracks for V brace and crossarm
9-2	N 35°19.775' W 119°36.033'	ОК	ок	ОК	N/A	N/A	2	COND AND EHS BOTH - AH and	1	RA	Existing access restricted - above ground piping blocking access (up to 18 pipes at this time) - if needing to access structure come in from cross road (BOL) then on ROW
	200 A 2 25 (1998 B 2) (1998 A 2)							BK	5	HVS	HVS missing or needs replacing (2)
									5	SWTD	A pole - upper X- brace - spring washer turned down
									And Anna	RL	Range land;
		1								М	Distribution line approx. 20 ft BOL from structure
9-3	N 35°19.889' W 119°36.044'	ОК	ОК	OK	N/A	N/A	2	N/A			Loose bolt C phase V brace
	,								1	RA	Existing access restricted - above ground piping blocking access (up to 16 pipes at this time) - if needing to access structure come in from cross road then on ROW
			_		- 7					RL	Range land;
-									4	MN	Missing (1) ½" nut on bottom center V bracing - above crossarm
									5	Đ	Daylight between B pole and bottom X brace attachment -up to 1/8*
9-3.5	N 35°19.946' W 119°36.069'	SEE NOTE	ОК	ОК	N/A	N/A	2	COND AND EHS BOTH - AH and		EHS	8 pole shield wire AOL 2"
	W 119-36.069			este.	70025	100000	1.0	BK	1	RA	Existing access restricted - above ground piping blocking access (up to 18 pipes at this time) - if needing to access structure come in from cross road then on ROW
									5	HVS	HVS missing or needs replacing (4)
										BL	Range land;

	STRUCTURE		X BRACE				FIRE		PRI	ORITY	
STRINO	LAT/LONG	HARDWARE	V BRACE	CROSSARM	ANCHOR	GUYS	CATEGORY	DAMPERS		IST	2018 COMMENTS
										EHS	A & B shield wire BOL 1°
									5	D	Daylight between A pole and V brace
9-4	N 35°19.043' W 119°36.071'	OK	ОК	ОК	N/A	N/A	2	N/A	1	RA	Existing access restricted - above ground piping blocking access (up to 6 pipes at this time) - If needing to access structure come in from cross road then on ROW
									5	HVS	HVS missing or needs replacing (2)
										FIL	Range land:
									4	MN	Missing (1) 1/2" nut and loose (1) 1/2" nut on bottom center V brace
										EHS	Shield wire on B pole pulled BOL approx. 1*
0.5	N 35°20.155'	SEE NOTE	SEE NOTE	01/			2	COND AND EHS	5	CR	B pole split 10' x 1/2' x 6' depth
9-5	W 119°36.068′	JEE NOIE	SELNOIL	OK	N/A	N/A	2	BOTH - AH and BK	1	RA	Existing access restricted - above ground piping blocking access (up to 6 pipes at this time) - if needing to access structure come in from cross road then on ROW
									5	HVS	HVS missing or needs replacing (1)
										BL	Range land;
										М	Distribution line approx. 12 ft BOL from structure
	N 35°20.241'	-							1	RA	Existing access restricted - above ground piping blocking access (up to 6 pipes at this time) - if needing to access structure come in from cross road then on ROW
9-6	W 119°36.083'	OK	ОК	OK	N/A	N/A	2	N/A	5	HVS	HVS missing or needs replacing (3)
										BL	Flange land;
									4	MN	Missing (1) 1/2" nut on bottom outside V brace on A phase, and (1) 1/2" bolt head backed out a bit
									4	LN	Loose (1) 1/2" nut on bottom center V brace
	N 35°20.352'							COND AND EHS		М	New road past structure to well site - AOL
9-7	W 119°36.083'	OK	SEE NOTE	OK	N/A	N/A	2	BOTH - AH and , BK	5	HVS	HVS missing or needs replacing (4)
											A phase chipped insulator about 2/3 down south side.
										BL	Range land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY JIST	2018 COMMENTS
				*					5	D	Daylight between pole and gain plates and hardware (3 places) for conductor attachment to eyebolts on AOL side
										М	New C pole installed fall of 2014
									5	CR	B & C starting to develop a split 12' tall
									1	OJI	Still has old style jumper insulators
	N 35°20.452'		-		9 new anchors			COND AH - no	2	GG	Missing (8) guy guards
10-1	W 119°36.114'	OK	ОК	OK	installed 8/2015	OK	2	EHS			Guywire HDW in cracks
			8						5	HVS	HVS missing or needs replacing (4)
											C phase AOL
				lē.		6			5	ŞWTD	B phase - spring washer turned down
										BL	Flange (and)
									4	LN	Loose (2) 1/2" nuts on bottom outside V brace above C phase
									4	LN	Missing (1) 1/2" ruf on bottom center V brace
									5	CR	A pole 3/4" - 1" crack ground to 15'
10-2	N 35°20.460' W 119°35.960'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	2	N/A	5	D	Daylight between B pole and bottom X brace and upper V brace
									5	D	Loose bolt A phase crossam
									5	HVS	HVS missing or needs replacing (2)
										RL	Hange land;
								ř	4	LN	Loose (1) 1/2" nut on bottom center V brace
10-3	N 35°20.529'	ОК	SEE NOTE	ОК	N/A	N/A	2	COND AND EHS BOTH - AH and	4	LN	Loose (1) 1/2* nut on bottom X brace to B pole
	10-3 W 119°35.839'	OK S	SEE NOTE	OK		- Paraki		BK	5	HVS	HVS missing or needs replacing (3)
										BL	Range land;

1	STRUCTURE		VODAGE				FIRE		DD	IORITY	
STRNO	LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	CATEGORY	DAMPERS		LIST	2018 COMMENTS
	LAT/LONG	n - 1							4	LN	Loose (1) 1/2" nut on bottom outside V brace on C phase
									5	м	Minor shotgun damage on both poles
				-					5	SWITE	A pole - bottom X brace - spring washer turned down
10-4	N 35°20.625' W 119°35.742'	SEE NOTE	SEE NOTE	ок	N/A	N/A	2	N/A	5	HVS	HVS missing or needs replacing (4)
											C phase chipped insulator.
										BL	Range land;
										EHS	East shield wires pulled AOL approx. 1°
10-5	N 35°20.691' W 119°35.606'	OK	ОК	ОК	N/A	N/A	2	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (2)
	W 119-35.000	5347			Journal of the Contro	1		ВК		BL	Flange land;
									4	MN	Missing (2) 1/2" nuts and (1) loose 1/2" nut on bottom center V bracing
- 1	0-6 N 35°20.755'	SEE NOTE	SEE NOTE						5	D	Daylight between upper V brace and A pole
10-6				ОК	N/A	N/A	2	N/A	5	SWTE	B pole - top X brace - spring washer turned down
	W 119°35.464'	50A-9-27-4050979550A-157A5C						110000	5	HVS	HVS missing or needs replacing (3)
						٠		i.		RL	Range land!
									4	LN	Loose (1) 1/2" nut on upper X brace A pole and C pole V brace
-									5	D	Daylight between bottom X bracing and V bracing and pole, on A pole side - less than 1/4*
İ									5	D	Daylight between B pole and upper V braced V bracing and pole, on A pole side - less than 1/4*
								COND AND EHS		EHS	B pole shield wire pulled AOL approx. 1*; and A pole shield wire pulled BOL approx. 1*
10-7	N 35°20.788' W 119°35.335'	OK	OK	ОК	N/A	N/A	2	BOTH - AH and BK	5	CR	Crack on B pole @ upper X brace
			4						5	HVS	HVS missing or needs replacing (2)
									5	SWTD	A pole - X brace - spring washer turned down
			0			fi fi			19	RL	Flange land;

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY JST	2018 COMMENTS
									5 -	D	Daylight between upper V brace and A and B poles - up to 1/4°
									5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"
										EHS	A pole shield wire putted BOL up to 2*
10-8	N 35°20.878'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	2	N/A	4	MN	Missing (2) 1/2" nuts - 1 on bottom V brace - A and C phase
0.002.0	W 119°35.209'	, vo. 1 T. v. v. dominio.							4	LN	Loose (1) 1/2" nuts - bottom V brace - Center phase
									5	HVS	HVS missing or needs replacing (3)
									1	BL	Range land;
									4	MN	Missing (1) 1/2" nut on bottom center V brace
	1-1 N 35°20.929' W 119°35.098'								5	D	Daylight between A pole and upper V brace
		ок	SEE NOTE					COND AND EHS	5	CR	Crack on A pole - 5' up 4' long - 1" wide x 4" deep
11-1				OK	N/A	. N/A	2	BOTH - AH and BK			UB pole Upper X brace HDW in crack and loose HDW X brace
				ш				55545	5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
									5	CR	Big crack through pote at crossarm attachment on B pote (repair would be install 14" or 16" anti split bolts with 4"x4" curved washers, spring washers, # 6 copper for bonding)
									5	D	Daylight between upper V brace and A pole
									4	MN	A pole upper X brace has 1/2" bolt hanging 6" down - recommend putting bolt back in place and installation of nut and locknut during next scheduled outage
11-2	N 35°20.981' W 119°34.957'	OK	ОК	ОК	N/A	N/A	2	N/A	5	SWTD	B pole - top X brace - spring washer turned down, HDW in crack
	W 119°34.957								5	HVS	HVS missing or needs replacing (4)
	1										A pole bottom X brace Bottom bolt loose 1/8*
										ВЬ	Range land;

PRINCIPALITY OF DISTANCE PROPERTY OF THE PROPE

STRNO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE	DAMPERS		ORITY	2018 COMMENTS
	LAT/LONG		VERACE				CATEGORY			JST	Daylight between bottom of upper X bracing and bottom of lower X bracing on both A and B poles - less
									5	D	than 1/4"
								COND WID THE	5	CR	A pole has crack 7/8* wide x 4* deep near bottom of pole
11-3	N 35°21.059° W 119°34.807°	ок	ок	ок	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)
								- Dix	5	SWTD	A and B pole spring washers turned down.
										RE	Bange land;
									5	CR	Crack on B pole - 3/4' wide from 5' to 20' up pole
											Upper X brace loose HDW
	N 35°21.127'	g Groot			2000		-04				Nut on B phase shoe possible loose
11-4	W 119°34.665'	OK	OK	ОК	N/A	N/A	2	N/A	5	S	Loose ground wire A and B pole - 15' up.
									5	HVS	HVS missing or needs replacing (4)
										AL	Range land;
									5	D	Daylight between upper outside V bracing and B pole - up to 1/4*
									5	D	Daylight between lower X brace and B pole
			į						5	D	Daylight between B pole and bottom of upper X brace attachment - up to 1/8"
11-5	N 35°21.202' W 119°34.569'	ОК	ОК	ОК	N/A	N/A	2	COND AND EHS BOTH - AH and		CR	Cracking B pote
	W 119°34,369							ВК	5	SWTD	B pole - top X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (4)
					ļ					BL	Range land)
			1						4	MN	Missing (1) 1/2" nut on bottom center V brace
									4	MN	Missing (1) 1/2" lock nut on X bracing center clamp
11-6	N 35°21.260'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	COND AND EHS	5	s	A pole ground wire loose 10' up pole
	W 119°34.414'	C 22/10/20/20/20/20/20/20/20/20/20/20/20/20/20				1 (40a) (BOTH - AH ONLY	5	HVS	HVS missing or needs replacing (4)
									-	RL	Range land
									4	LN	Loose (1) 1/2" nut on bottom center V brace - head backed out 1/16"
11-7	N 35°21.295'	SEE NOTE	ОК	ОК	N/A	N/A	2	N/A	5	HVS	HVS missing or needs replacing (4)
	W 119°34.259'		OK							RL	Range land)

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY	2018 COMMENTS
									5	D	Daylight between upper outside V bracing and a Pole - up to 1/4*
									5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"
12-1	N 35°21.359' W 119°34.158'	ОК	ок	ОК	N/A	N/A	2	COND AND EHS BOTH - AH and	5	CR	Crack on B pole along bottom X brace, continue to monitor
	11 110 01.100							ВК	5	HVS	HVS missing or needs replacing (4)
										RL	Flange land;
									5	MN	Missing (1) 1/2" nut and (1) 1/2" lock nut on upper X bracing center clamp
									5	D	Daylight between lower V brace and B pole - up to 1/2"
	N 35°21.444'									Cr	B pole X brace hardware in crack
12-2	W 119°34.015'	OK	ОК	ОК	,N/A	N/A	2	N/A	5	D	Daylight between bottom X bracing and A and B poles
									5	HVS	HVS missing or needs replacing (4)
										BL	Flainge land;
									4	LN	Loose (1) 1/2" nut on bottom center V brace (bolt backed out 1/8")
									5	D	Daylight between A pole and upper X brace attachment; and between B pole and lower X brace attachment (up to 1/8")
12-3	N 35°21.502' W 119°33.874'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	2	COND AND EHS BOTH - AH and	5	CR	Crack on A pole from ground to 18" up
	Concentrative of Fig. 7							BK	5	HVS	
										AP.	Flange land;
									4	LN	Loose (2) 1/2" bolt on upper X brace on A pole (head backed out 1/8")
	N 35°21.565'	DEC MOTE	ore water	CH	N/A	N/A		5744	5	D	Daylight between B pole and lower X brace attachment
12-4	W 119°33.717'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	N/A	5	HVS	
										RŁ	Flange tänd;
	-								4	LN	Loose (1) 1/2" nut - bolt backed out 1/2" on upper V brace B pole
									5	CR	A pole crack 5' to 7' up, 7"+ deep
12-5	N 35°21.654' W 119°33.580'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	2	COND AND EHS BOTH - AH and	4	MN	Missing (1) 1/2* locknut on X brace center clamp
								BK	5	HVS	
										BL	Flange land;

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STR NO	STRUCTURE	HARDWARE	X BRACE	CROSSARM	ANCHOR	GUYS	FIRE	DAMPERS		YTIROIF	OMA COMMENTO
	LAT/LONG		V BRACE			2510	CATEGORY	Driver Ello	_	LIST	201B COMMENTS
									5	D	Daylight between upper V brace and A pole - up to 1/4 -1/2"
									5	D	Daylight between bottom X brace A and B poles - up to 1/4*
									4	LN	Loose (1) 1/2* nut on bottom X brace B pole
12-6	N 35°21.670' W 119°33.474'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	2	N/A	5	CR	Crack in A pole at bottom X brace - 1/2 to 3/4 wide
									5	HVS	HVS missing or needs replacing (2)
										BL	Range land;
				-							D. F. W. C. C. C. C. C. C. C. C. C. C. C. C. C.
1					6	7			5	D	Daylight between bottom X brace and A pole
		lı j							5	CR	Crack in B pole in area from crossarm to V brace, spiral bolt to bolt
12-7	N 35°21.735' W 119°33.326'	ОК	ОК	ОК	N/A	N/A	2	COND AND EHS BOTH - AH and	5	SWTD	B pole - top X brace - spring washer turned down
								ВК	5	HVS	HVS missing or needs replacing (4)
										AL	Range land;
									5	D	Daylight between top V bracing and A pole - less than 1/4*
									5	D	Daylight between B pole and bottom X brace attachment - up to 1/8"
	M 35901 BOO!	OK							5	HVS	HVS missing or needs replacing (4)
13-1	N 35°21.800' W 119°33.235'		ОК	ОК	N/A	N/A	2	N/A	5	CR	X brace HW in B pole cracks
									5	8060	B pole spiral cracking
									5	CR	Bange land;
	<u> </u>									RL	
									4	LN	Loose (1) 1/2" bolt backing out on upper X brace on B pole (head backed out 1/8")
	<i>y</i>								5	D	Daylight between A and B poles X brace bottom
	2000 U 10							COND AND EHS	5	D	Daylight between A pole and V brace - up to 1/4"
13-2	N 35°21.865' W 119°33.088'	OK	OK	ОК	N/A	N/A	2	BOTH - AH and BK	5	CR	Crack on B pole from bottom to 30' up -1" wide x 4" deep
								DIX .	5	HVS	HVS missing or needs replacing (3)
											Bange land;
										mu	
				1		- 1			5		Daylight between bottom of X bracing and A and B poles - up to 1/8*
12.2	N 35°21.893'	OF	0"	011				0.127		M	Ecological Preserve signs along road
13-3	W 119°32.910'	OK	OK	ОК	N/A	N/A	2	N/A	5	HVS	HVS missing or needs replacing (3)
									1000	RL	Range land;
	N 35°21.981'	-				-		COND AND EHS	5	HVS	HVS missing or needs replacing (3)
13-4	W 119°32.852°	OK	OK	ОК	N/A	N/A	2	BOTH - AH and			Plange land;
\Box	DTEB INCREPTION PERMI						10	BK		114	

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY	2018 COMMENTS
	EATTEONS								5	CR	Crack in pole (6° deep x 1° wide in different planes) from near ground line to approx. 12' up + crack from 20' to 40' up - up to 1°
13-5	N 35°22.047' W 119°32.683'	OK	ОК	ОК	N/A	N/A	2	N/A	5	HVS	HVS missing or needs replacing (3)
			d T							AL	Ràrige landj
	N 35°22.134'		211	-				COND AND EHS	5	HVS	HVS missing or needs replacing (4)
13-6	W 119°32.601'	OK	OK	OK	N/A	N/A	2	BOTH - AH and BK		BL	Flange land;
	2								5	HVS	HVS missing or needs replacing (2)
13-7	N 35°22.182' W 119°32.447'	SEE NOTE	OK	ОК	N/A	N/A	2	N/A	4	LN	Loose (1) 1/2" nut -bottom X brace, A pole
			1							RL	Flange land;
									5	СЯ	B-pole @ bottom x-brace, 8' crack, 1/2" wide
									5	s	Loose ground wire on B pole from 8'
	N 35°22.239' W 119°32.312'	-						COND AND EHS	5	CR	A-pole ground to12', crack, 7" deep
14-1		OK	с і ок	OK	N/A	N/A	2	BOTH - AH and BK	4	LN	Loose (1) 1/2" nut - V brace above A phase - head backed out up to 1/8"
									5	HVS	HVS missing or needs replacing (3)
									The same of	BL	Range land;
									5	CR	A pole spiral crack at X brace attachment
			E .						5	CR	B-pole spiral crack from ground to 10' up - up to 1" width
	N 35°22.288'								5	D	Daylight between upper V brace and A pole
14-2	W 119°32.183'	OK	OK	ОК	N/A	N/A	2	N/A	5	SWID	A pole - bottom X brace - spring washer turned down
			(c.)4 (c.)						5	HVS	HVS missing or needs replacing (3)
	1									R6	Flange land:
									5	CR	A-pole vertical crack, 6' to top, up to 3/4" wide
									5	HVS	HVS missing or needs replacing (4)
14-3		OK	ОК	ОК	N/A	N/A	2	N/A	5	CR	B pole cracks 1° wide 6° deep 6' long.
										BL	Range land:

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		IORITY	2018 COMMENTS
									5	D	Daylight between bottom of X bracing and B pole - less than 1/4"
) N								5	D	Daylight between A pole and V bracing - up to 1/8*
14-4	N 35°22_404' W 119°31.930'	ОК	ОК	OK	N/A	N/A	2	N/A	5	CR	Cracks on A and B poles near cross arm
	W 113 51.350								5	HVS	HVS missing or needs replacing (4)
										RL	Range land:
									1	MN	Missing (1) ½" lock nut on bottom X bracing center clamp; and missint (1) 1/2" nut on same clamp. This should be corrected during next scheduled maintenance outage
		¥					6		5	D	Daylight between A pole and upper X brace
	N 35°22.465'					****		COND AND EHS	5	HVS	HVS missing or needs replacing (2)
14-5	W119°31,790'	SEE NOTE	ОК	OK	N/A	N/A	2	BOTH - AH and BK	5	SWTD	A and B pole spring washers turned down.
						()					Aqueduct AOL
						1				RL.	Range land)
									5	CR	Crack on B pole from ground to 35' up - up to 1" wide and 6" deep
	N OFFICE CARL				Y				5	HVS	HVS missing or needs replacing (3)
14-6	N 35°22.510' W 119°31.667'	OK	ОК	OK	N/A	N/A	2	N/A	5	D	B pole bottom X bracing daylight between pole.
										BL	Range landi
									5	CR	Crack on B pole from ground to 20' up - up to 4-8" deep
		41							5	HVS	HVS missing or needs replacing (2)
	N 35°22.572'	N.						COND AND EHS	5	SWTD	
14-7	W 119°31.518'	OK	OK	OK	N/A	N/A	2	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (1)
											Pole mile marker falling off, the number 1 (14-7)
										RL	Ränge land;
									5	CR	Crack in B pole at top of X bracing - up to 1 1/2* crack at bolt
									5	CR	A pole twisted AOL - up to 2'; B pole twisted BOL - up to 2'
15-1	N 35°22.652' W 119°31.343'	OK	ОК	ОК	N/A	N/A	2	N/A	5	D	Daylight between bottom X bracing and B pole
				UX		,,,,,	-		5	HVS	HVS missing or needs replacing (4)
										BL	Range land:

STRNO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS
	Birredika								5	CR	B pole has several cracks all the way down, with the largest ranging up to 7" deep and 1" wide
									5	Đ	Daylight between bottom X bracing and A and B poles - less than 1/4*
								5000 000 500	4	MN	Missing (1) 1/2" backup nut on upper X bracing center clamp
15-2	N 35°22.735' W 119°31.227'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	CR	A pole crack from 7' to 15' x 3/4" wide
									5	CR	Static bar metal brace - B pole Split at bolt. B pole x-brace large split at hardware. Spiral cracking
									5	HVS	HVS missing or needs replacing (2)
										BL	Range land;
									5	CR	B pole bottom X bracing botted into crack
15-3	N 35°22.796' W 119°31.091'	OK	ОК	OK	N/A	N/A	2	N/A	5	HVS	HVS missing or needs replacing (3)
										RL	Bange land)
								COND AND EHS	5	CR	B-pole crack, ground to 20'
15-4	N 35°22.832' W 119°30.940'	OK	OK	OK	N/A	N/A	2	BOTH - AH and	5	HVS	HVS missing or needs replacing (3)
										BL	Range land;
		Λ.							5	CR	A pole has vertical crack from ground to 20', up to 1" wide x 8" deep
15-5	N 35°23.085' W 119°30.799'	ОК	N/A	N/A	SEE NOTE	SEE NOTE	1	N/A	4	MN	Missing (1) 1/2" nut and locknut on X bracing center clamp
	W 119 30.799								5	HVS	HVS missing or needs replacing (1)
										RL	Range land: A pole crack from near bottom to 30' up - up to 3/4" wide
									5	CR	X brace center clamp missing nut.
15-6	N 35°22.902' W 119°30.658'	OK	ОК	ОК	N/A	N/A	1	COND AND EHS BOTH - AH and	4	MN	HVS missing or needs replacing (3)
	W 112 00.000							BK	5	HVS	Pistachio trees - saplings 5-6.5' tall
										PT	A pole crack 1* wide 6-8* deep base to 15' up.
				1.0				1	5	CR	Broken ground wire on B pole
16-1	N 35°23.005' W 119°30.547'	SEE NOTE	SEE NOTE	ок	N/A	N/A	1	N/A	4	BGW	HVS missing or needs replacing (4)
									5	HVS	Pistachio trees - saplings 5-6.5' tall
										PT	, but no too suprings o oo tan

STRNO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS
									5	HVS	HVS missing or needs replacing (4)
16-2	N 35°23.009'	ОК	ОК	ОК	N/A	N/A	1	COND AND EHS BOTH - AH and	5	CR	B pole crack 1* wide 8* deep base to 10'
16-2	W 119°30.360'	OK	OK	UK	N/A	N/A	31	BK BK	5	SWTD	A pole spring washer turned down.
			i i							PT	Pistachio trees - saplings 5-6.5' tatl
16-3	N 35°23.017'	ОК	ОК	ок	N/A	N/A	1	N/A	5	HVS	HVS missing or needs replacing (3)
10.3	W 119°30,202'	ÜK	OK .	UK	NVA	NA		IVA		PT	Pistachio trees - saplings 5-6.5' tall
16-4	N 35°22.959'	ОК	SEE NOTE	ок	N/A	N/A	1	COND AND EHS BOTH - AH and	5	HVS	HVS missing or needs replacing (4)
10-4	W 119°30.048'	OK .	SEE MUTE	UK	NA	NA		BK BK		С	Farm Equipment Damage - minor - A and B poles - less than 1" deep from ground to about 1" up
								. 6	5	М	Missing pole ID on pole B
40.5	N 35°22.998'	ОК	ОК	ОК	8478	N/A	1	N/A	4	BGW	Broken ground wire on B pole
16-5	W 119°29.878'	UK	UK	UK	N/A	NA		N/A	5	D	Daylight between A pole and bottom X brace
									5	HVS	HVS missing or needs replacing (4)
										С	Cotton field
										FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1° deep section near bottom of pole
16-6	N 35°22.960' W 119°29.746'	ОК	ОК	ок	N/A	N/A	-1.	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (3)
								DK.		С	Cotton field
									5	D	Daylight between B pole and bottom X brace
	N 35°22.922'	01	0"	014		41/4				FED	Farm Equipment Damage - minor - A and B poles - less than 1" deep from 1" up to about 4-1/2" up
16-7	W 119°29.534'	OK	ОК	ОК	N/A	N/A	1	N/A	5	HVS	HVS missing or needs replacing (4)
		12								С	Cotton field
									5	HVS	HVS missing or needs replacing (4)
17-1	N 35°23.013' W 119°29.426'	ОК	ОК	ОК	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	D	A pole V brace daylight between pole and brace.
								- UK		С	Cotton field

MIDWAY CHNCFT AIL AHADTED MICHETTAN BEAGET

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY	2018 COMMENTS
17-2	N 35°22.957'	ОК	ОК	ОК	N/A	N/A	- 1	N/A	5	HVS	HVS missing or needs replacing (4)
	W 119°29.260'	O.C		O	107	1000		, an		С	Cotton field
											B pole cracking
									5	FED	Farm Equipment Damage - minor - A and B poles - nicked by farm equipment - less than 1° deep sections near bottom of poles
47.0	N 35°23.009'	04	۵,	014				COND AND EHS	5	HVS	HVS missing or needs replacing (4)
17-3	W 119°29.122'	OK	ОК	OK	N/A	N/A	2	BOTH - AH and BK	5	SWTD	B pole spring washers turned down
										С	C phase insulator chipped (pic)
									5	D	Daylight between B pole and bottom X brace
	"								5	FED	Farm Equipment Damage - minor - A and B poles - nicked by farm equipment - less than 1* deep sections near bottom of poles. New damage? (pic)
			ļ.		2 new				5	HVS	HVS missing or needs replacing (3)
17-4	N 35°22.940' W 119°28.997'	OK I OK	OK	ок	anchors installed	SEE NOTE	2	N/A			Guy wire seals did not cure. Looks like marshmellow.
					8/2015						A pole ground wire damaged at bottom of pole
										PT	Pistachio grove trees approaching 16-17 ft height - checked midspan clearance - midspan height of conductor is ~35'-6'
									5	FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1° deep section near bottom of pole
									5	CR	B pole and A pole has a crack from bottom to top of bottom X brace
	N 35°22.940'				2002			COND AND EHS	4	BGW	Broken ground wire on A pole
17-5	W 119°28.825'	OK	OK	OK	N/A	N/A	1	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (2)
						i				FED	B pole damage. (pic)
										С	Cotton field
										EHS	A pole shield wire pulled AOL - up to 1°
45.5	N 35°22.894'			e					5	HVS	HVS missing or needs replacing (4)
17-6	N 35°22.894' W 119°28.665'	OK	ОК	ок	N/A	N/A	1	N/A		FED	B pole damage. (pic)
										С	Cotton field

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY	2018 COMMENTS
	LAT/LONG		VEIMOL				GATEGOTT		4	LN	Loose (1) 1/2" nut on bottom outside V brace above C phase
									-		Broken ground wire on B pole
		P					1	COND AND EHS	4	BGW	l l
17-7	N 35°22.951' W 119°28.528'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	ı.	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
									5	SWTD	B pole spring washer turned down
		ľ								С	Cotton field
									5	HVS	HVS missing or needs replacing (4)
									4	BGW	Broken ground wire on A pole
18-1	N 35°23.026' W 119°28.343'	ОК	OK	ОК	N/A	N/A	1	ОК		SP	Spotted with scope from road.
									_	С	Cotton field
-											Farm Equipment damage - minor - A and B poles - nicked by farm equipment - up to 1* deep section
									5	FED	near bottom of pole
									5	D	Daylight between A pole and upper V brace
	N 35°23.019'							COND AND EHS	4	BGW	Broken ground wire on A pole
18-2	W 119°28.190'	OK	OK	ОК	N/A	N/A	1	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
							İ			SP	Spotted with scope from road.
										С	Cotton field
	N 35°22.956'									м	Anchor bott nuts tight and ground wire in place
18-3	W 119°28.033'	ОК	N/A	N/A	N/A	N/A	1	N/A	5	HVS	HVS missing on steel structures
										С	Cotton field
	N 35°23.063°							COND AND EHS	5	HVS	HVS missing or needs replacing (4)
18-4	W 119°28.039'	OK	OK	OK	N/A	N/A	1	BOTH - AH and BK		С	Alfalfa field
									4	BGW	Broken ground wire on B pole
18-5	N 35°23.168' W 119°28.046'	ОК	ОК	ОК	N/A	N/A	,	N/A	5	HVS	HVS missing or needs replacing (3)
	FF 113 28.040									С	Alfalfa field
								COND AND EHS	5	HVS	HVS missing or needs replacing (3)
18-6	N 35°23.311' W 119°28.055'	SEE NOTE	OK	ОК	N/A	N/A	1	BOTH - AH and BK		С	Cotton field

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY	2018 COMMENTS
										М	Anchor bolt nuts tight and ground wire in place
18-7	N 35°23.427' W 119°28.057'	ОК	N/A	N/A	N/A	N/A	1	N/A	5	HVS	HVS missing on steel structures
										С	Cotton field
			Į.						5	D	Daylight between A pole and upper V brace
	N 35°23.505'					****		COND AND EHS	5	FED	Farm Equipment damage - minor - B pole - nicked by farm equipment - up to 1° deep section near bottom of pole
19-1	W 119°27.900'	ОК	OK	OK	N/A	N/A	3	BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
				ì						PT	Pistachio grove trees approaching 16-17 ft height - checked midspan clearance - midspan height of conductor is ~37-6"
									4	MN	Missing (1) 1/2" nut - broken off bolt head on upper X brace on A pole side
	N 35°23.511'								5	FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1" deep section near bottom of pole
19-2	W 119°27.791'	OK	OK	OK	N/A	N/A	3	N/A	5	HVS	HVS missing or needs replacing (4)
										PT	Pistachio grove trees approaching 16-17 ft height (see comment for str 19-2)
									5	D	Daylight between B pole and bottom X brace
										EHS	East shield wire pulled BOL up to 3*
19-3	N 35°23.593' W 119°27.652'	ОК	ОК	ок	N/A	N/A	3	COND AND EHS BOTH - AH and BK		EHS	West shield wire pulled AOL up to 1*
								BK.	5	HVS	HVS missing or needs replacing (4)
										PT	Pistachio grove trees approaching 16-17 ft height (see comment for str 19-2)
									4	LN	Loose (1) 1/2" nut on center V bracing
	N 35°23.611'								5	HVS	HVS missing or needs replacing (3)
19-4	W 119°27.644'	SEE NOTE	SEE NOTE	ОК	N/A	N/A	1	N/A			Pole mile marker missing the number 1 (19-4)
										С	Cotton field
									5	CR	A pole splitting starting at 6' approx. 1" wide x 8" deep
10.5	N 35°23.483'	04	On On	Ch.	B1/A	N/A		COND AND EHS	5	HVS	HVS missing or needs replacing (4)
19-5	W 119°27.524'	OK	ОК	ОК	N/A	N/A	1	BOTH - AH and - BK			Pole mile marker missing the number 1 (19-5)
										С	Cotton field

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS		ORITY LIST	2018 COMMENTS
									5	HVS	HVS missing or needs replacing (4)
19-6	N 35°23.931' W 119°27.309'	OK	ОК	ОК	N/A	N/A	1	N/A			A and B poles cracked 1° wide 8° deep 10- 15' up.
		-								С	Cotton field
	CONTRACTOR CONTRACTOR		*20					COND AND EUR		М	Anchor bolt nuts tight and ground wire in place
19-7	N 35°23.901' W 119°27,121'	ОК	N/A	N/A	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing on steel structures
					r			, and		С	Cotton field
MSCC	N 35°23.901'	ОК	N/A	N/A	N/A	N/A	2	N/A		L	Lattice structure – all members lightly fastened
0-3	W 119°27,121'		IWA	107	INA	NVA	2	NA	4	WI	Wash insulators per established washing schedule. Currently all insulators are fairly clean.
MSCC	N 35°23.986°	ОК	N/A	N/A	N/A	N/A	2	N/A		L	Lattice structure – all members tightly fastened
0-2	W 119°26.988'	OK .	IVA.	IVA	NA	N/A	2	N/A		RL	Range land - fenced yard at Midway substation
MSCC	N 35°24.071'	ОК	N/A	N/A	N/A	N/A	9	N/A		L	Lattice structure – all members tightly fastened
0-1	W 119°27,002'	OK.	IWA	INA	IVA	IWA	2	N/A		RL	Range land - fenced yard at Midway substation

STR NO	STRUCTURE HARDI	WARE X BRACE Y BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
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The following structures are located south of pole #1/1, from the Midway Sunset Cogeneration Switchyard south.

		_								
North side of Station - A Frame							24501		-	
Remove bird nest from A frame on west side	BN	1	N	0	N/A	N/A	N/A	N/A	OK	MSCC Switchyard
South of switchyard area - next to road										
HVS missing or needs replacing (6)	HVS	5		12.0						
Daylight between B pole and gain plates on station side (1/4" to 1/2")	Đ	5	N	0	N/A	N/A	N/A	N/A	OK	MSCC Poles #0/1
Missing pole number for 'C' pole	м	5								
in Western substation — north side A frame										
Old style polymer insulators - recommend change out to new insulators during a scheduled outage	OI	2	N	0	N/A	N/A	N/A	N/A	ОК	Western Substation
Discoloration (rust color) on top of East frame from previously installed device (now removed) that blead rust - OK	М	5								
in Western substation – south side A frame		Г								3
Ground wire bolts rusting		Г	N	0	N/A	N/A	N/A	N/A	ОК	Western Substation
Old style polymer insulators - recommend change out to new insulators during a scheduled outage	Ot	2					dt .			
In Western substation – east skie H frame str (north str						· · · · · · · · · · · · · · · · · · ·				
			N	0	ОК	OK	N/A	N/A	OK	MSCC Pole #0/2
In Western substation – east side H frame str (south str										
Slack guy wire.										
HVS missing or needs replacing (4)	HVS		N	0	OK	OK	N/A	N/A	SEE NOTE	MSCC Pole #0/3
Missing (2) Stainless Steel hump back cotter keys on bent botts above jumper insulators - A and B phases	м	5								

STR NO	STRUCTURE LAT/LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	63340	IORIT LIST	2018 COMMENTS
					3				Г		East of Western substation (set of 3 poles)
						a			5	М	Bottom bolt on post insulators is loose (1/4*-1/2*)
мес	O Dele #0/4	04							-5	м	Missing pole number all phases
MaG	C Pole #0/4	OK	N/A	N/A	ОК	OK	3	N/A	5	Г	Guys not taped
							55		5	CF	A pole splitting from ground to 1/2 way up - up to 1* wide and 8* deep
		3					g e	:	5	н۷	HVS missing or needs replacing (2)
	344 B)!.					77					East and south of Western substation
		200							5	М	Missing pole number
MSC	C Pole #0/5	OK	N/A	N/A	N/A	N/A	3	N/A	5	CF	Spiral splitting 10' high 1" wide 6" deep
	i			;					4	LN	Loose nut - bottom bolt on alf 3 post insulators is loose (1/4*-1/2*)
											West of Victory substation
10542700		8			,				5	М	Missing pale number
MSC	C Pole #0/6	OK	N/A	N/A	OK	SEE NOTE	3	N/A	5	A	Anchors not taped
			,						5	GG	Missing guy guards on down guys (2)
Victory Su	obstation "H" Str	ОК	N/A	N/A	N/A	N/A	0	N/A			in Victory substation

Appendix E Spill Report No Spill Reports were reported during the year 2018

Appendix F Transportation Permits

No Transportation Permits were requested during the year 2018

Appendix G MSCC Owners and Regularly Used Contractors

Midway Sunset Cogeneration Company Owners and Regularly Used Contractors

Project Owners

Dave Faiella (Aera Energy) Ray Smith (Aera Energy)

Contract Employees - NRG Energy Inc.

Greg Jans
Matt Ellano
Mike Williams
Greg Davis
Miguel Bojorquez
Sandra Henriksen
Connie-Marie King (1/1/18 – 10/26/18)
Stephanie Owens
Patty Swanson
Jose Corona
14 Operator Mechanics (names provided if desired)
3 I&E Technicians (names provided if desired)

Temporary Agency Workers

Sarah Neathery (Office Team)
Connie-Marie King (Aerotek – Beginning 10/27/18)
Steven Settlemire (Aerotek – No longer working at MSCC)
Joseph Skaggs (Aerotek – No longer working at MSCC)
Anthony Robles (Aerotek)

Specialty Contractors

Emmie Stenstedt (Elsys,Inc.)
Larry Dunworth (Elsys, Inc.)
Toni Bealessio (Computer Consulting Services)
Dave Bealessio (Computer Consulting Services)

<u>Used Intermittently</u>

Montrose Air Quality Service
Planning and Training Solutions, Inc.
GEII Energy Services
Tom Mull (CEC approved Biologist)
Delta Testing
Applus
Jorgensen
Baker Hughes
Argo Chemical
Praxair

Maintenance Contractors

The following are firms that we use with some frequency for intermittent plant work. The personnel will generally vary from job to job.

ARB
TWI
APM (only during planned outages)
Wilson Electric
Primoris

There are other subcontractors used on an as-needed basis depending on the work but generally less than once or twice a year on average.



June 19, 2019

CC: 2139

Ms. Mary Dyas Compliance Project Manager California Energy Commission Energy Facilities Siting Division 1516 Ninth Street Sacramento, CA 95814-5512

Subject: Addendum To MSCC's Annual Operating Report

Dear Ms. Dyas

Please find attached Aera's 2018 Endangered Species Compliance Report. This report was inadvertently left out of MSCC's 2018 Annual Operating Report and MSCC is now submitting it as an addendum. MSCC has reviewed our current procedure for assembling the Annual Operating Report and has taken steps to ensure that Aera's report will always be included in the future. If you have any questions or comments please email me or Ray Smith. Thank you for your time and help.

Sincerely.

Dave Faiella

Executive Director

CC:

File CC-2139

G. Jans

S. Henriksen

June 12, 2019

Mr. Ray Smith Midway Sunset Cogeneration Company 3266 Crocker Springs Road Fellows, CA 93224

Re: Annual 2018 Endangered Species Compliance Report

Mr. Smith

Employees and Contractor training is the key to continued wildlife protection on Aera Energy LLC properties. Each employee receives annual refresher training on the identification, reporting and protection of animal and plant species.

Each employee recognizes that maintaining wildlife habitat is important to support wildlife. All projects on Aera Energy LLC leases are evaluated and alternatives considered in minimizing negative impact to habitat. Aera's program regarding endangered or threatened species is to avoid, disturbing dens and habitat. Wildlife protection is, in fact, a part of Aera's day-to-day business and field activities.

Environmental Survey's are conducted prior to all ground-disturbing activities, which affect habitat.

Should any question arise, or additional information is required, please feel free to contact me (661) 747-3732.

Sincerely,

Bud Hensley

Environmental Specialist

Midway Sunset Aera Energy LLC

Ikhensley@aeraenergy.com

Table 1 Thermodynamic Efficiency Assessment

REPORT: THERMODYNAMIC EFFICIENCY ASSESSMENT YEAR: 2018

мокти -	PGAE CHP MWH	AERA MWH	OTHER NON-CONTRACT SALES NAME	STATION USE & EL. NOWN	TOTAL POWER MYPH	TOTAL POWER MMSTU	NET POWER SALES (Next)	STEAM LBS	STEAM bb/s	HS	HF	DELTAH	TOTAL HEAT MMBTU	MOJAVE PRELIME MOJAVE	MOJAVE PIPELINE MMETU(LHV)	BOCAL GAS MMBTU ###/1	SOCAL GAS SIMBTU (LIV)	MOJAVE AND SOCAL BAS MMETU (1994)	MOJAVE AND SOCAL GAS MINETU ILIVO	EFFICIENCY		AVERAGE PER DAY MMSTUS
JAN	50,663	7,624	184	1,401	59,872	204,343	58,471	320,960,870	937,112	1,042.65	125.77	916.88	294,281,9	694,531	631,391.8	00	0.0	694,531.0	631,391.8	78.97%	11,600	22,404
FEB	47,248	6,999	377	1,382	56,005	191,145	54,623	294,512,120	859,889	1,042.25	124.72	917.53	270,224.7	642,096	583,723.6	00	0.0	642,096.0	583,723.6	79.04%	11,465	22,141
MAR	51,824	7,623	291	1,592	61,330	209,320	59,738	325,918,470	951,587	1,042.38	126.69	915.69	298,440.7	704,384	640,349 1	0.0	0.0	704,384.0	640,349.1	79.29%	11,485	22,722
APR	49,159	7,193	297	1,540	58,190	198,602	56,650	315,105,690	920,017	1,042.35	131.84	910.51	286,907.7	673,108	611,916.4	0.0	0.0	673,108.0	611,916.4	79.34%	11,567	22,437
MAY	50,097	7,436	58	1,559	59,151	201,882	57,592	323,863,930	945,588	1,042.28	131.36	910.92	295,014.4	686,370	623,972.7	0.0	0 0	686,370.0	623,972.7	79.63%	11,604	22,141
JUNE	47,159	7,108	87	1,414	55,768	190,336	54,354	310,830,120	907,533	1,042.45	136.60	905.65	281,566.1	653,066	593,696 4	0.0	0.0	653,066.0	593,696.4	79.49%	11,710	21,769
JULY	47,142	7,303	80	1,552	56,077	191,391	54,525	323,352,620	944,095	1,042.45	140.35	902,10	291,695.9	663,436	603,123.6	0.0	0.0	663,436.0	603,123.6	80.10%	£1,831	21,401
AUG	47,344	7,398	66	1,501	56,309	192,164	54,808	322,709,380	942,217	1,042.46	138 66	903.80	291,662.6	665,859	605,326.4	0.0	00	665,859.0	605,326 4	79.93%	11,625	21.479
SEPT	46,340	7,058	60	1,457	54,915	187,425	53,458	312,162,940	911,425	1,042.48	136.24	906.24	282,892.9	648,222	589,292.7	0.0	00	648,222.0	589,292.7	79,81%	11,804	21,607
OCT	50,406	7,391	308	1,588	59,693	203,731	58,104	325,576,260	950,588	1,042.29	133.53	908.76	295,868.9	692,102	629,183.6	00	00	692,102.0	629,183,6	79.40%	11.594	22,326
HOV	50,264	6,998	275	1,428	58,965	201,246	57,537	316,728,470	924,755	1,042.27	131.42	910.85	288,492.5	681,156	619,232.7	00	0.0	681,156.0	619,232.7		11,552	22,705
DEC	51,549	7,195	788	1,445	60,97a	208,119	59,532	327,044,800	954,875	1,042.33	129.26	913.05	298,608.4	705,351	641,228.4	00	00	705,351,3	641,228.4	79.02%		22.753
															27, 24, 25		100000	A 2 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3				
ANNUAL	589,195.05	87,326.46	2,870.81	17,860.28	697.252.60	2,379,723	679,392		11,149,681	1,042.4	132.2	910.2	3,475,657	8.109,681	7,372,438	0	0	8,109,681	7,372,438	79 42%		
AVERAGE	49,100	7,277	239	1,488	58,104	198,310	56,616	318,230,473	929,140	1,042.4	132.2	910.2	289,638	675,807	614,370	0	0	675,807	614,370	79 42%		

HHV LHV Heat rate 11.63090864 10.57355331

MSCC USE ONLY

		COMBINED CHP	/ PEAKER TOTA	LS		PURPA CAL	CULATION
TOTAL GROSS MWH	TOTAL NET MWH	TOTAL FUEL MMBTU (HHV)	TOTAL FUEL MMBTU (LHV)	TOTAL STEAM MMBTU	TOTAL MWH MMBTU	EFFICIENCY STANDARD	OPERATING STANDARD
63,696	62,111	738,308	671,189	294,282	217,393	54,31%	57.51%
70,007	68,249	806,379	733,072	270,225	238,935	51.02%	53.07%
83,986	82,103	968,998	880,907	298,441	286,643	49.48%	51,01%
77,959	76,121	908,806	826,187	286,908	266,073	49.57%	51.88%
79,266	77,648	927,759	843,417	295,014	270,534	49.57%	52.16%
65,653	64,153	773,104	702,822	281,566	224,074	51.91%	55.69%
70,525	68,894	839,878	763,525	291,696	240,703	50.63%	54.79%
69,188	67,620	823,106	748,278	291,663	236,137	51.05%	55.26%
68,811	67,294	814,171	740,155	282,893	234,853	50.84%	54.64%
80,835	78,939	941,586	855,987	295,869	275,890	49.51%	51.75%
73,178	71,476	844,109	767,372	288,493	249,757	51.34%	53.60%
72,973	70,739	843,323	766,657	298,608	249,058	51.96%	54.52%
876,077	855,346	10,229,527	9,299,570	3,475,657	2,990,051	50.84%	53.76%

		PURPA Standard	Total
Electrical Production	MWh		876,077
-2	mmbtu		2,990,051
Steam Production	mmbtu		3,475,657
Fuel Gas Usage	mmbtu (HHV)		10,229,527
	rnmbtu (LHV)		9,299,570
PURPA Operating Standard, > or =	×	5%	53.8%
PURPA Efficiency Standard, > or =	шу	42.50%	50,84%
	нну		46.2%

REPORT: PEAKER OPERATIONS
YEAR: 2018

	PEAKER GROSS										
MONTH	PEAKER PG&E CONTRACT MWH	PEAKER GROSS MW	TOTAL POWER MMBTU	MOJAVE PIPELINE MMBTU (HHV)	MOJAVE PIPELINE MMBTU (LHV)	SOCAL GAS MMBTU (HHV)	SOCAL GAS MMBTU (LHV)	MOJAVE AND SOCAL GAS MMBTU (HHV)	MOJAVE AND SOCAL GAS MMBTU (LHV)	AVERAGE PER DAY MMBTUS	HEAT RATE
JAN	3,495	3,824	11,929.36	43,777	39,797.3	0.0	0.0	43,777.0	39,797.3	1,459	11,448.89
FEB	13,356	14,002	45,582.77	164,283	149,348.2	0.0	0.0	164,283.0	149,348.2	5,476	11,732,51
MAR	21,286	22,655	72,648.81	264,614	240,558.2	0.0	0.0	264,614.0	240,558.2	8,820	11,679.97
APR	18,298	19,769	62,452.61	235,698	214,270.9	0.0	0.0	235,698.0	214,270.9	7,857	11,922.78
MAY	18,799	20,115	64,160.71	241,389	219,444.5	0.0	0.0	241,389.0	219,444.5	8,046	12,000.44
JUNE	9,000	9,885	30,715.98	120,038	109,125.5	0.0	0.0	120,038.0	109,125.5	4,001	12,143.25
JULY	13,369	14,448	45,627.10	176,442	160,401.8	0.0	0.0	176,442.0	160,401.8	5,692	12,211.89
AUG	11,660	12,878	39,794.01	157,247	142,951.8	0.0	0.0	157,247.0	142,951.8	5,072	12,210.40
SEPT	12,352	13,896	42,157.72	165,949	150,862.7	0.0	0.0	165,949.0	150,862.7	5,532	11,941.87
OCT	19,630	21,143	66,995,59	249,484	226,803.6	0.0	0.0	249,484.0	226,803.6	8,048	11,800.11
NOV	12,647	14,214	43,163.73	162,953	148,139.1	0.0	0.0	162,953.0	148,139.1	5,432	11,464.60
DEC	11,269	11,995	38,462.56	137,972	125,428.8	0.0	0.0	137,971,7	125,428.8	4,451	11,502.25
										****	***************************************
ANNUAL	165,159.96	178,824.52	563,690.94	2,119,846	1,927,132	0	0	2,119,846	1,927,132	9,984	11,896
AVERAGE	23,594		80,527.28	302,835	275,305	0	0	302,835	275,305		

Para and a second	
Heat rate	11.896

Table 2
Outages

	UNIT			•
DATE	INVOLVED	SCHEDULED / FORCED	REASON	DOWN TIME HOURS
1/1/2018 - 1/31/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	665.17
1/1/2018 - 1/31/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	722.70
1/1/2018 - 1/31/2018	UNIT C	SCHEDULED	MAINTENANCE OUTAGE	40.60
2/1/2018 - 2/28/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	485.15
2/1/2018 - 2/28/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	290.38
2/1/2018 - 2/28/2018	UNIT C	SCHEDULED	MAINTENANCE OUTAGE	365.25
3/1/2018 - 3/31/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	510.43
3/1/2018 - 3/31/2018	UNIT A	FORCED	FORCED OUTAGE	0.47
3/1/2018 - 3/31/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	353.87
3/1/2018 - 3/31/2018	UNIT B	FORCED	FORCED OUTAGE	85.03
3/1/2018 - 3/31/2018	UNIT B	SCHEDULED	MAINTENANCE OUTAGE	199.93
4/1/2018 - 4/30/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	490.28
4/1/2018 - 4/30/2018	UNIT A	SCHEDULED	MAINTENANCE OUTAGE	15.88
4/1/2018 - 4/30/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	601.17
4/1/2018 - 4/30/2018	UNIT C	SCHEDULED	MAINTENANCE OUTAGE	21.87
5/1/2018 - 5/31/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	540.30
5/1/2018 - 5/31/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	622.27
6/1/2018 - 6/30/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	610.25
6/1/2018 - 6/30/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	661.53
7/1/2018 - 7/31/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	597.58
7/1/2018 - 7/31/2018	UNIT A	FORCED	FORCED OUTAGE	0.18
7/1/2018 - 7/31/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	644.33
8/1/2018 - 8/31/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	606.58
8/1/2018 - 8/31/2018	UNIT A	FORCED	FORCED OUTAGE	0.15
8/1/2018 - 8/31/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	663.17
9/1/2018 - 9/30/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	575.60
9/1/2018 - 9/30/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	645.38
10/1/2018 - 10/31/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	546.70
10/1/2018 - 10/31/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	603.37
10/1/2018 - 10/31/2018	UNIT C	SCHEDULED	MAINTENANCE OUTAGE	21.50
11/1/2018 - 11/30/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	438.55
11/1/2018 - 11/30/2018	UNIT A	SCHEDULED	MAINTENANCE OUTAGE	200.00
11/1/2018 - 11/30/2018	UNIT A	FORCED	FORCED OUTAGE	2.28
11/1/2018 - 11/30/2018	UNIT B	SCHEDULED	MAINTENANCE OUTAGE	16.00
11/1/2018 - 11/30/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	584.80
12/1/2018 - 12/31/2018	UNIT A	UNSCHEDULED	RESERVE SHUTDOWN	595.83
12/1/2018 - 12/31/2018	UNIT A	SCHEDULED	MAINTENANCE OUTAGE	72.00
12/1/2018 - 12/31/2018	UNIT B	UNSCHEDULED	RESERVE SHUTDOWN	651.50
				-52,50

Table 3 Recycled Waste

Recycled Waste - 2018

Waste Name	Quantity Generated	Methods Used in Handling	Quantity Recycled	Recycling Site	Waste Recycling Contractor
Drained, Lube Oil Filters, Non-RCRA	2,500 lbs.	***	2,500 lbs.	Safety Kleen of California, Fresno, CA*	Safety Kleen of California, Fresno, CA*
Drained, Metal Enclosed Oil Filters, Non- RCRA	300 lbs.	传染物	300 lbs.	Safety Kleen of California, Fresno, CA*	Safety Kleen of California, Fresno, CA*
Universal Waste, Fluorescent Lamps	185 lbs.	· · · · · · · · · · · · · · · · · · ·	185 lbs.	Safety Kleen of California, Fresno, CA*	Safety Kleen of California, Fresno, CA*
Universal Waste, Compact Fluorescent Lamps	5 lbs.	***	5 lbs.	Safety Kleen of California, Fresno, CA*	Safety Kleen of California, Fresno, CA*
Universal Waste, Metal Halide Lamps	1 lbs.	***	1 lbs.	Safety Kleen of California, Fresno, CA*	Safety Kleen of California, Fresno, CA*
Universal Waste, Waste Lamps (Mercury)	15 lbs.	协会的	15 lbs.	Safety Kleen of California, Fresno, CA*	Safety Kleen of California, Fresno, CA*
Universal Waste – Electronics	135 lbs.	按查告	135 lbs.	Clean Harbors, Wilmington, CA**	Clean Harbors, Wilmington, CA**
Used Oil (Turbine Oil and Transformer Oil; Non-RCRA Hazardous)***	270 gallons 2,025 lbs.	非治治	270 gailons 2,025 lbs.	Safety Kleen of California, Fresno, CA*	Safety Kleen of California, Fresno, CA*

Notes: * = Safety Kleen of California, 4219 N. Valentine, Fresno, CA 93722.

^{** =} Clean Harbors Environmental Services, 1737 East Denni Street, Wilmington, CA, 90774 - CAD982446874.

^{*** =} MSCC handles hazardous wastes per MSCC's "Hazardous Waste Management Program", which is available by request, and in accordance with current rules and regulations.

Table 4 Hazardous / Non-Recycled Waste

<u>Hazardous / Non-Recycled Waste - 2018</u>

Waste Name	Quantity Generated	Methods Used in Handling	Quantity Disposed	Disposal Site	Waste Disposal Contractor
Corrosive Solids (RCRA Hazardous)	39 lbs.	***	39 lbs.	Clean Harbors**	Clean Harbors**
Oily Waste and Debris (Non- RCRA Hazardous)	1,225 lbs.	***	1,225 lbs.	Clean Harbors**	Clean Harbors**
Non-PCB Capacitors (Non-RCRA Hazardous)	5 lbs.	***	5 lbs.	Clean Harbors**	Clean Harbors**
Lead Acid Battery Vents (RCRA Hazardous)	5 lbs.	****	5 lbs.	Clean Harbors**	Clean Harbors**
Waste Paint Related Material (RCRA Hazardous)	180 lbs.	***	180 lbs.	Clean Harbors**	Clean Harbors**
Waste Aerosol Cans, partly full (RCRA Hazardous)	165 lbs.	海安安	165 lbs.	Clean Harbors**	Clean Harbors**
Cleaning Debris (Non- Hazardous, Non-DOT Regulated)	100 lbs.	传传会	100 lbs.	Clean Harbors**	Clean Harbors**

Notes: * = Safety Kleen of California, 4219 N. Valentine, Fresno, CA 93722.

^{** =} Clean Harbors Environmental Services, 1737 East Denni Street, Wilmington, CA, 90774 – CAD982446874.

^{*** =} MSCC handles hazardous wastes per MSCC's "Hazardous Waste Management Program", which is available by request, and in accordance with current rules and regulations.

Table 5 Water Use Assessment (Fresh vs Reclaimed)

REPORT: WATER USE ASSESSMENT (FRESH VS RECLAIMED)

YEAR: 2018

	TOTAL BOILER FEEDWATER, (RECLAIMED AND FRESH WATER)	FRESH WATER ADDED TO BOILER FEEDWATER	% BOILI FEEDWA		OTHER FRESH WATER USED AT COGEN	FRESH WATER FOR COOLING	TOTAL FRESH WATER
MONTH	BBLS	BBLS	RECLAIMED	FRESH	BBLS	BBLS	BBLS
JAN	937,112	0	100.00%	0.00%	36,827	0	36,827
FEB	859,889	0	100,00%	0.00%	53,036	0	53,036
MAR	951,587	0	100.00%	0.00%	54,627	0	54,627
APR	920,017	0	100.00%	0.00%	55,621	0	55,621
MAY	945,588	0	100.00%	0.00%	58,829	0	58,829
JUNE	907,533	0	100.00%	0.00%	72,185	0	72,185
JULY	944,095	0	100.00%	0.00%	107,109	0	107,109
AUG	942,217	0	100.00%	0.00%	82,938	0	82,938
SEPT	911,425	0	100.00%	0.00%	96,803	0	96,803
OCT	950,588	0	100.00%	0.00%	71,211	0	71,211
NOV	924,755	0	100.00%	0.00%	60,663	0	60,663
DEC	954,875	0	100.00%	0.00%	47,810	0	47,810
ANNUAL	11,149,681	0	100.00%	0.00%	797,659	0	797,659
AVG PER DAY	30,547	0.00	100.00%	0.00%	2,185	0.00	2,185