

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

# MIDWAY SUNSET INSPECTION REPORT PO # 19753

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

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
1-1	9 new anchors installed 8/2015	3	N/A	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
				5 D	Daylight between south guy attachment and pole and pole eye plates - up to 1/4"-3/4"
				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 RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
1-2	OK	3	COND AND EHS BOTH - AH and BK	5 CR	Spiral crack, A & C poles full length
				5 CR	C pole horizontal insulator hardware bolt in crack
				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 RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
1-3	N/A	3	COND AND EHS BOTH - AH and BK	4 LN	Loose (1) 1/2" nut on B phase center bottom V brace
				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
1-4	N/A	3	N/A	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")
				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
				5 XB	X-braces starting to de-laminate.
				1 RL	Range land; Grass needs to be trimmed back from around poles prior to dry season

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

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
2-1	N/A	3	COND AND EHS BOTH - AH and BK	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
				4	MN	Missing (1) 1/2" nut on bottom V brace above A phase
				5	GW	Ground wire (normally above pole tops) bent down below top of pole
				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
2-2	N/A	3	N/A	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
				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; Grass needs to be trimmed back from around poles prior to dry season
2-3	N/A	3	COND AND EHS BOTH - AH and BK	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
				5	D	Daylight between A pole and upper X brace (1/8")
				4	BW	Bird wire end loose above B phase, but not hanging down
				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



STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
2-4	N/A	3	N/A	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
				5	CR	Minor cracking in various places going up A & B poles
				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
2-5	N/A	3	COND AND EHS BOTH - AH and BK	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")
					COND	A phase BOL 3-4" due to structure twist
				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
2-6	2 new anchors installed 8/2015	3	N/A	4	LN	Loose (1) 1/2" bolt backed out 1/8" upper outside V brace B pole
				5	D	Daylight between A pole and top outside V brace (1/8")
				5	D	Daylight between pole and guy wire brackets - up to 1/4"
				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	PRIORITY LIST		2018 COMMENTS
2-7	8 new anchors installed 8/2015	3	COND AND EHS BOTH - AH and BK	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)
				5	M	Shotgun pattern on C Pole - no damage to hardware (old)
				5	S	Ground wire on B & C poles loose in several areas
				5	HVS	HVS missing or needs replacing (2)
				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	Range land; Grass needs to be trimmed back from around poles prior to dry season
2-8	N/A	3	N/A	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
				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"
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
3-1	N/A	3	COND AND EHS BOTH - AH and BK	4	LN	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
				5	HVS	HVS missing or needs replacing (4)
				0	IP	Improper pin used on static shoe on pole B. It is long giving the appearance it is falling out.
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
3-2	N/A	3	N/A	5	CR	B pole vertical cracking full length 4-6 ft.
					COND	A phase Cond AOL 3"
					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)
				1	BN	Bird nest on arm by pole B.
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
3-3	N/A	3	COND AND EHS BOTH - AH and BK	5	D	Daylight between A pole and bottom X brace attachment (up to 1/4")
				5	D	Daylight between top V brace and B Pole
				5	D	Daylight between B pole and V brace - up to 1/4"
				5	D	Daylight between B pole and upper V Brace - up to 1/4"
				5	CR	A and B poles have splits
				5	HVS	HVS missing or needs replacing (4)
				4	LB	Loose 1/2 inch bolt on knee brace off pole B.
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
3-4	N/A	3	N/A	5	D	Daylight between bottom X brace and A pole - up to 1/8"
				5	CR	A and B poles have splits
				4	BW	Bird wire loose above A and C phases, but not hanging down
				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	PRIORITY LIST		2018 COMMENTS
3-5	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	A pole X brace hardware bolt in crack
				1	BN	A couple twigs on Crossarm @ B pole - check status during next scheduled inspection
				5	CR	A & B pole miner cracks
				5	D	Daylight between A pole and bottom X brace
				5	D	Daylight between B pole and upper X brace
				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
3-6	2 new anchors installed 8/2015	3	N/A	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).
				4	BW	Bird wire coming loose above C phase
				4	LN	Loose (1) 1/2" nut on V brace to B pole
				5	CR	A pole lower X-brace hardware bolt in crack
				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)
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
				5	D	Daylight between A pole and lower X brace attachment
3-7	N/A	3	COND AND EHS BOTH - AH and BK	4	BW	Bird wire B phase - held in place with electrical tape
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
4-1	N/A	3	N/A	5	CR	B pole X brace has vertical crack at hardware attachment
				5	CR	A & B poles minor cracking
				5	CR	X-brace hardware in several cracks
				5	D	Daylight between V-brace and B pole - up to 1/4" daylight
				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
4-2	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	A pole vertical crack from ground to X-brace
				1	BN	Large bird nest above B phase - plan on removing during next scheduled maintenance outage
				5	CR	B pole crack ground up to 10'
				5	CR	A & B brace bolts are thru cracks
				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
4-3	N/A	3	N/A	5	CR	B pole - EHS attachment bolt in crack
				4	BW	Bird wire ends loose above A and C phases - hanging down a few inches
				5	HVS	HVS missing or needs replacing (2)
				2	BN	Birds nest started over B phase.
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
4-4	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	A pole, large crack, ground to 10' - up to 3/4" wide
				5	D	Daylight between A pole and lower X brace attachment
				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	PRIORITY LIST		2018 COMMENTS
4-5	N/A	3	N/A	5	CR	A- Pole vertical crack 20' up , 7" deep, 1/2" wide
				4	BW	Bird wire coming loose above B phase
				5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"
				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
4-6	N/A	3	COND AND EHS BOTH - AH and BK	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
				5	CR	Crack in B pole - ground to 9' - 1" wide up to 9" deep
				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
5-1	N/A	3	N/A	5	M	Bike rack chained to base of B pole
				4	MN	Missing (1) 5/8" nut above C phase inside crossarm
				5	D	Daylight between top V brace and B Pole
				4	MN	Missing (1) nut on crossarm above A phase - crossarm to phase bracket
				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
5-2	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	A pole spiral cracking - with conductor crossarm bolt in crack
				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	PRIORITY LIST		2018 COMMENTS
5-3	2 new anchors installed 8/2015	3	COND AND EHS BOTH - Only BK	5	CR	Top of B pole split at EHS attachment
				5	CR	Minor cracking entire length - B pole
				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
5-4	N/A	3	COND AND EHS BOTH - Only BK	5	CR	A pole - vertical crack at crossarm bolt
				5	D	Daylight between A pole and V brace
				4	BW	Bird wire end loose above B phase
				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
5-5	N/A	3	COND AND EHS BOTH - AH and BK	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	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	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
5-6	7 new anchors installed 8/2015	3	N/A	5	CR	B pole vertical cracking
				5	CR	Guy brace on C pole - bolt thru crack
				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



STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
5-7	4 new anchors installed 8/2015	3	COND AND EHS BOTH - Only BK	5	M	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 been 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	D	Daylight between B pole and guy attachment hardware - up to 1/4"
				5	CR	A pole spiral cracking
				5	CR	B pole vertical cracking
				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
6-1	2 new anchors installed 8/2015	3	COND AND EHS BOTH - Only BK	4	LN	Loose (1) 1/2" nut 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
					COND	A & C phase insulators BOL 3-5"
					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	RL	Range land Grass needs to be trimmed back from around poles prior to dry season
6-2	N/A	3	COND AND EHS BOTH - AH and BK		COND	A & C phase BOL 2-3"
				5	D	Daylight between A pole and upper X brace
				5	HVS	HVS missing or needs replacing (2)
				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



STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
6-3	N/A	3	N/A	1	BN	Nest on crossarm above B phase - recommend removal during next scheduled outage
				5	CR	A & B poles, minor spiral cracking
				5	CR	B pole shield wire hardware bolt in crack
					COND	A Phase BOL 1-3"
				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	XB	X-brace starting to de-laminate.
				1	RL	Range land Grass needs to be trimmed back from around poles prior to dry season
6-4	4 new anchors installed 8/2015	3	COND AND EHS BOTH - AH and BK	5	D	Daylight between pole and guy attachments
				5	HVS	HVS missing or needs replacing (1)
				3	LG	Bisecting down guy backing up static is loose and needs tightened.
				2	CK	Cotter key halfway out where turnbuckle meets insulator.
				1	RL	Range land Grass needs to be trimmed back from around poles prior to dry season
6-5	N/A	3	N/A	1	BN	Bird nest above B phase - recommend removal during next scheduled outage
				5	D	Daylight between A pole and V brace - up to 1/4"
					COND	A and C phase insulators BOL
				5	CR	A & B poles minor cracking
				5	HVS	HVS missing or needs replacing (1)
				5	XB	X-brace starting to de-laminate.
				1	RL	Range land Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
6-6	SEE NOTE	3	COND AND EHS BOTH - AH and BK	5	M	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 hold position with pole shrinkage.
				1	QJ	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')
				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	RL	Range land Grass needs to be trimmed back from around poles prior to dry season
7-1	N/A	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)
				5	D	Daylight between B pole and lower X brace
				5	CR	Lower X-brace bolt through large crack
				1	RL	Range land Grass needs to be trimmed back from around poles prior to dry season
7-2	N/A	3	COND AND EHS BOTH - AH and BK	5	D	Daylight between A pole and bottom X brace
				5	CR	Vertical cracking A & B pole
				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

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
7-3	N/A	3	N/A		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
				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
7-4	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	B pole top is splitting, spiral cracking on A pole
				5	SWTD	B pole - bottom of X brace - spring washer turned down
				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
7-5	N/A	3	N/A	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
				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
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
7-6	N/A	3	COND AND EHS BOTH - AH and BK	5	D	Daylight between top X bracing and B pole - up to 3/8"
				4	LN	Loose (1) ½" nut on center bottom V brace
				5	HVS	HVS missing or needs replacing (2)
				1	BN	Bird nest on arm by pole B.
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season

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

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
8-4	N/A	3	COND AND EHS BOTH - AH and BK		COND	A phase insulator BOL
				5	S	Loose staples on lower portion of A pole
					EHS	Shield wire attachments on both sides of structure pulled BOL up to 2"
				5	D	Daylight between A pole and bottom X brace - up to 1/8" gap
				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
8-5				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
8-6	2 new anchors installed 8/2015	3	COND AND EHS BOTH - AH and BK	5	CR	A pole shield wire bolt in crack
				5	CR	Upper V-brace bolt at B pole in crack
				5	CR	B pole crack FROM ground to 10' up (6" deep X 1" wide)
				1	RL	Range land Grass needs to be trimmed back from around poles prior to dry season
8-7	N/A	3	N/A	5	CR	A pole has crack 6" deep and 1" wide from ground level to 12' up
				4	MN	Missing (1) 1/2" nut on center bottom V brace
				1	RL	Range land Grass needs to be trimmed back from around poles prior to dry season
8-8	4 new anchors installed 8/2015	3	COND AND EHS BOTH - AH and BK	1	OI	Old style braced post insulator assemblies still in place - recommend change out to new insulators during next scheduled outage
				5	D	Daylight between C pole insulator plate, upper bolt head out 1/4" from plate
				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 (4)
				1	RL	Range land Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
9-1	N/A	3	N/A	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"
				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	RL	Range land Grass needs to be trimmed back from around poles prior to dry season
9-2	N/A	3	COND AND EHS BOTH - AH and BK		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
				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
				1	RL	Range land Grass needs to be trimmed back from around poles prior to dry season
9-3	N/A	3	N/A	5	BW	Missing bird wire above C phase
					M	Distribution line approx. 20 ft BOL from structure
				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	RL	Range land Grass needs to be trimmed back from around poles prior to dry season
9-3.5	N/A	3	COND AND EHS BOTH - AH and BK	4	MN	Missing (1) 1/2" nut on bottom center V bracing - above crossarm
				5	D	Daylight between B pole and bottom X brace attachment - up to 1/8"
					EHS	B pole shield wire AOL 2"
				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	RL	Range land Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
9-4	N/A	3	N/A		EHS	A & B shield wire BOL 1"
				5	D	Daylight between A pole and V brace
				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	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
9-5	N/A	3	COND AND EHS BOTH - AH and BK	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"
				5	CR	B pole split 10' x 1/2' x 6" depth
				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	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
9-6	N/A	3	N/A		M	Distribution line approx. 12 ft BOL from structure
				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 (3)
				1	RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
9-7	N/A	3	COND AND EHS BOTH - AH and BK	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
					M	New road past structure to well site - AOL
				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	PRIORITY LIST		2018 COMMENTS
10-1	9 new anchors installed 8/2015	3	COND AH - no EHS	5	D	Daylight between pole and gain plates and hardware (3 places) for conductor attachment to eyebolts on AOL side
					M	New C pole installed fall of 2014
				5	CR	B & C starting to develop a split
				1	OJI	Still has old style jumper insulators
				2	GG	Missing (8) guy guards
				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
10-2	N/A	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'
				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)
				1	RL	Range land Grass needs to be trimmed back from around poles prior to dry season
10-3	N/A	3	COND AND EHS BOTH - AH and BK			RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				4	LN	Loose (1) 1/2" nut on bottom center V brace
				4	LN	Loose (1) 1/2" nut on bottom X brace to B pole
				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



STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
10-4	N/A	3	N/A		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				4 LN	Loose (1) 1/2" nut on bottom outside V brace on C phase
				5 M	Minor shotgun damage on both poles
				5 SWTD	A pole - bottom 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 poles prior to dry season
10-5	N/A	3	COND AND EHS BOTH - AH and BK		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				EHS	East shield wires pulled AOL approx. 1"
				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
10-6	N/A	3	N/A		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				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
				5 SWTD	B pole - top X brace - spring washer turned down
				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
10-7	N/A	3	COND AND EHS BOTH - AH and BK		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				4 LN	Loose (1) 1/2" nut on upper X brace A pole
				5 D	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"
				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 RL	Range land Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
10-8	N/A	3	N/A		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				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"
				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 RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
11-1	N/A	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
				5 CR	Crack on A pole - 5' up 4' long - 1" wide x 4" deep
				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
11-2	N/A	3	N/A		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
				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)
				1 RL	Range land; Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
11-3	N/A	3	COND AND EHS BOTH - AH and BK		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				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
				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
11-4	N/A	3	N/A	5 CR	Crack on B pole - 3/4" wide from 5' to 20' up pole
				5 S	Loose ground wire A pole - 15' up
				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
					RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
11-5	N/A	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
				5 D	Daylight between B pole and bottom of upper X brace attachment - up to 1/8"
				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 poles prior to dry season
					RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
11-6	N/A	3	COND AND EHS BOTH - AH ONLY	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
				5 S	A pole ground wire loose 10' up pole
				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	PRIORITY LIST	2018 COMMENTS
11-7	N/A	3	N/A		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				4 LN	Loose (1) 1/2" nut on bottom center V brace - head backed out 1/16"
				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
12-1	N/A	3	COND AND EHS BOTH - AH and BK		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				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"
				5 CR	Crack on B pole along bottom X brace, continue to monitor
				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
12-2	N/A	3	N/A		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				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"
				5 D	Daylight between bottom X bracing and A and B poles
				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
12-3	N/A	3	COND AND EHS BOTH - AH and BK		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				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")
				5 CR	Crack on A pole from ground to 18" up
				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

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
12-4	N/A	3	N/A		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				4 LN	Loose (2) 1/2" bolt on upper X brace on A pole (head backed out 1/8")
				5 D	Daylight between B pole and lower X brace attachment
				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
12-5	N/A	3	COND AND EHS BOTH - AH and BK		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				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
				4 MN	Missing (1) 1/2" locknut on X brace center clamp
				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
12-6	N/A	3	N/A		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				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
				5 CR	Crack in A pole at bottom X brace - 1/2 to 3/4 wide
				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
12-7	N/A	3	COND AND EHS BOTH - AH and BK		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				5 D	Daylight between bottom X brace and A pole
				5 CR	Crack in B pole in area from crossarm to V brace, spiral bolt to bolt
				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 poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
13-1	N/A	3	N/A		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				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"
				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
13-2	N/A	3	COND AND EHS BOTH - AH and BK		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				4 LN	Loose (1) 1/2" bolt 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
				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 RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
13-3	N/A	3	N/A		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"
				M	Ecological Preserve signs along road
				5 HVS	HVS missing or needs replacing (3)
				5 D	Daylight between the knee & V braces.
				1 RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
13-4	N/A	3	COND AND EHS BOTH - AH and BK		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				5 HVS	HVS missing or needs replacing (3)
				5 D	Daylight between the knee & V braces.
				1 RL	Range land; Grass needs to be trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
13-5	N/A	3	N/A		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
				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"
				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
13-6	N/A	3	COND AND EHS BOTH - AH and BK		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
					GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)
				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
13-7	N/A	3	N/A		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
					GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)
				5 HVS	HVS missing or needs replacing (2)
				4 LN	Loose (1) 1/2" nut - bottom X brace, A pole
				1 RL	Range land; Grass needs to be trimmed back from around poles prior to dry season
14-1	N/A	3	COND AND EHS BOTH - AH and BK		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
					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'
				5 CR	A-pole ground to 12', crack, 7" deep
				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 RL	Range land; Grass needs to be trimmed back from around poles prior to dry season



STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
14-2	N/A	3	N/A		RESTRICTED ACCESS - WALK IN ONLY (added note 2016)
					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
				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 RL	Range land Grass needs to be trimmed back from around poles prior to dry season
14-3	N/A	3	N/A		GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)
				5 CR	A-pole vertical crack, 6' to top, up to 3/4" wide
				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
14-4	N/A	3	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 RL	Range land Grass needs to be trimmed back from around poles prior to dry season
14-5	N/A	3	COND AND EHS BOTH - AH and BK		GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)
				1 MN	Missing (1) 1/2" lock nut on bottom X bracing center clamp; and missing (1) 1/2" nut on same clamp. This should be corrected during next scheduled maintenance outage
				5 D	Daylight between A pole and upper X brace
				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
					Aqueduct AOL



STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
14-6	N/A	3	N/A		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
				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
14-7	N/A	3	COND AND EHS BOTH - AH and BK		GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)
				5 CR	Crack on B pole from ground to 20' up - up to 4-8" deep
				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
15-1	N/A	3	N/A		GREEN TAG ON POLE 'PG&E - ESA - MBZ' (added to pole 2016)
				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'
				5 D	Daylight between bottom X bracing and B pole
				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
15-2	N/A	3	COND AND EHS BOTH - AH and BK		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"
				4 MN	Missing (1) 1/2" nut on upper X bracing center clamp
				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 trimmed back from around poles prior to dry season

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
15-3	N/A	3	N/A	5	CR	B pole bottom X bracing bolted into crack
				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
15-4	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	B-pole crack, ground to 20'
				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
15-5	SEE NOTE	1	N/A	5	CR	A pole has vertical crack from ground to 20', up to 1" wide x 8" deep
				4	MN	Missing (1) 1/2" nut and locknut on X bracing center clamp
				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
15-6	N/A	1	COND AND EHS BOTH - AH and BK	5	CR	A pole crack from near bottom to 30' up - up to 3/4" wide
				3	MN	Missing nut and locknut on X-brace clamp.
				5	HVS	HVS missing or needs replacing (3)
					PT	Pistachio trees - saplings 5-6.5' tall
16-1	N/A	1	N/A	4	LN	Loose (1) 1/2" nut on X bracing center clamp
				5	HVS	HVS missing or needs replacing (4)
					PT	Pistachio trees - saplings 5-6.5' tall
16-2	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
					PT	Pistachio trees - saplings 5-6.5' tall
16-3	N/A	1	N/A	5	HVS	HVS missing or needs replacing (4)
					PT	Pistachio trees - saplings 5-6.5' tall

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

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
17-4	2 new anchors installed 8/2015	3	N/A	5	FED	Farm Equipment Damage - minor - A and B poles - nicked by farm equipment - less than 1" deep sections near bottom of poles
				5	HVS	HVS missing or needs replacing (3)
				4	BGW	Broken pole ground at ground level on pole A.
					PT	Pistachio grove trees approaching 16-17 ft height - checked midspan clearance - midspan height of conductor is ~35'-6'
17-5	N/A	1	COND AND EHS BOTH - AH and BK	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
				4	BGW	Broken ground wire on A pole
				5	HVS	HVS missing or needs replacing (2)
					C	Alfalfa field
17-6	N/A	1	N/A		EHS	A pole shield wire pulled AOL - up to 1"
				5	HVS	HVS missing or needs replacing (4)
					C	Alfalfa field
17-7	N/A	1	COND AND EHS BOTH - AH and BK	4	LN	Loose (1) 1/2" nut on bottom outside V brace above C phase
				4	BGW	Broken ground wire on B pole
				5	HVS	HVS missing or needs replacing (4)
					C	Alfalfa field
18-1	N/A	1	OK	5	HVS	HVS missing or needs replacing (4)
				4	BGW	Broken ground wire on A pole
					C	Alfalfa field

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
18-2	N/A	1	COND AND EHS BOTH - AH and BK	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
				4	BGW	Broken ground wire on B pole
				5	HVS	HVS missing or needs replacing (4)
					C	Alfalfa field
18-3	N/A	1	N/A	5	M	A couple bird droppings on insulators - OK
					M	Anchor bolt nuts tight and ground wire in place
				5	HVS	HVS missing on steel structures
					C	Alfalfa field
18-4	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (3)
					C	Alfalfa field
18-5	N/A	1	N/A	4	BGW	Broken ground wire on B pole
				5	HVS	HVS missing or needs replacing (3)
					C	Alfalfa field
18-6	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (3)
					C	Cotton field
18-7	N/A	1	N/A		M	Anchor bolt nuts tight and ground wire in place
				5	HVS	HVS missing on steel structures
					C	Cotton field

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

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
19-5	N/A	1	COND AND EHS BOTH - AH and BK	5	CR	A pole splitting starting at 6' approx. 1" wide x 8" deep
				5	HVS	HVS missing or needs replacing (3)
				5	XB	X-braces installed backwards.
					C	Tomato field
19-6	N/A	1	N/A	5	HVS	HVS missing or needs replacing (3)
					C	Tomato field
19-7	N/A	1	COND AND EHS BOTH - AH and BK		M	Anchor bolt nuts tight and ground wire in place
				5	HVS	HVS missing on steel structures
					C	Tomato field
MSCC 0-3	N/A	2	N/A		L	Lattice structure – all members tightly fastened
				5	MB	Missing a bolt on each of the 16 horizontal lacings at the bottom 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.
MSCC 0-2	N/A	2	N/A		L	Lattice structure – all members tightly fastened
				5	LB	(2) Loose bolts on the lower N.E. leg. These bolts have been loose for some as there is dirt built up behind them.
					RL	Range land - fenced yard at Midway substation
MSCC 0-1	N/A	2	N/A		L	Lattice structure – all members tightly fastened
					RL	Range land - fenced yard at Midway substation

STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
--------	--------	---------------	---------	---------------	---------------

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

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



STR NO	ANCHOR	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
MSCC Pole #0/4	OK	3	N/A			East of Western substation (set of 3 poles)
				5	M	Bottom bolt on post insulators is loose (1/4"-1/2")
				5	M	Missing pole number
				5		Guys not taped
				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)
MSCC Pole #0/5	N/A	3	N/A			East and south of Western substation
				5	M	Missing pole number
				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")
MSCC Pole #0/6	OK	3	N/A			West of Victory substation
				5	M	Missing pole number
				5	A	Anchors not taped
				4	CK	Cotter key halfway out on dead end shoe top phase East side.
				4	CK	Cotter 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 manlift is required to confirm this.

2) At some point a total structure shake down on this line would be advised. Meaning going through and re-tightening every bolt 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 activity 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
C	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	
D	daylight between hardware and pole	5
OI	old insulators	1
OJI	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 pin	
XB	X-braces de-laminating	5
RUA	rusty anchor	3
GW	ground wire	
BGW	broken ground wire	4
CGP	cow guard post	5
M	miscellaneous	
L	lattice structure	
EHS	relating to shield wires	
COND	relating to conductors	
ROW	right-of-way	
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

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
1-1	N 35°13.667' W 119°37.875'	OK	N/A	N/A	9 new anchors installed 8/2015	SEE NOTE	3	N/A	5	CGP	(5) Guys not attached to cow guard poles in pasture land.
											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.
											A pole Guy Cow Guard not buried. Loose North Guys on A/B pole. C Pole East Guy loose.
									5	D	Daylight between south guy attachment and pole and pole eye plates - up to 1/4"-3/4" on A/C pole and 2" on B pole
											Few loose guy wires that need to be tightened.
									5	HVS	HVS missing or needs replacing (3)
1	RL	Range land;									
1-2	N 35°13.781' W 119°37.929'	SEE NOTE	N/A	N/A	OK	SEE NOTE	3	COND AND EHS BOTH - AH and BK	5	CR	Spiral crack, A & C poles full length
									5	CR	C pole horizontal insulator hardware bolt in crack
									5	HVS	HVS missing or needs replacing (2)
									1	RL	Range land;
1-3	N 35°13.914' W 119°37.967'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	4	LN	Loose (1) 1/2" nut on B phase center bottom V brace
									5	HVS	HVS missing or needs replacing (1)
											Loose spring washers on A and B poles
									1	RL	Range land;
1-4	N 35°14.048' W 119°37.995'	OK	OK	OK	N/A	N/A	3	N/A	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")
									5	HVS	HVS missing or needs replacing (1)
									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	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
1-5	N 35°14.122' W 119°38.033'	SEE NOTE	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	S	Ground wire staples on A pole coming out in several places
									5	HVS	HVS missing or needs replacing (1)
									5	CR	A & B pole shield wire HDW bolting through a spiral crack Shield wire brackets BOL hard. C phase AOL
										RL	Range land
											Bird at A pole cross beam
1-6	N 35°14.246' W 119°38.061'	OK	OK	OK	N/A	N/A	3	N/A	5	SWTD	Spring Washer turned down on upper X brace A pole
									1	RL	Range land;
1-7	N 35°14.386' W 119°38.086'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	4	BW	Bird wire coming loose above A phase
									5	CR	Crack in A pole is up to 1" wide 10' up
									5	D	Daylight at C phase V brace @ pole 1/8" gap
									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;
1-8	N 35°14.478' W 119°38.170'	OK	N/A	N/A	7 new anchors installed 8/2015	SEE NOTE	3	N/A	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
									5	D	Daylight between pole eye plate and pole on A, B, C poles (1/4" to 1/2")
									5	HVS	HVS missing or needs replacing (3)
									5	GG	Guy Guards missing (3) , C phase guy post missing 1 of 2 bolts
									1	RL	Range land;
2-1	N 35°14.569' W 119°38.013'	OK	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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
									4	MN	Missing (1) 1/2" nut on bottom V brace above A phase
									5	GW	Ground wire (normally above pole tops) bent down below top of pole
									5	HVS	HVS missing or needs replacing (4)
									1	RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
2-2	N 35°14.658' W 119°37.939'	OK	SEE NOTE	OK	N/A	N/A	3	N/A	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
									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;
2-3	N 35°14.722' W 119°37.844'	OK	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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
									5	SWTD	Spring Washer turned down on upper X brace A pole
									5	D	Daylight between A pole and upper X brace (1/8")
									4	BW	Bird wire end loose above B phase, but not hanging down
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
2-4	N 35°14.808' W 119°37.740'	OK	OK	OK	N/A	N/A	3	N/A	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
									5	CR	Minor cracking in various places going up A & B poles
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
2-5	N 35°14.884' W 119°37.654'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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")
										COND	A phase BOL 3-4" due to structure twist
									5	CR	B pole w/crossbeam hardware in crack,
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
2-6	N 35°14.968' W 119°37.516'	SEE NOTE	OK	OK	2 new anchors installed 8/2015	OK	3	N/A	4	LN	Loose (1) 1/2" bolt backed out 1/8" upper outside V brace B pole
									5	D	Daylight between A pole and top outside V brace (1/8")
									5	D	Daylight between pole and guy wire brackets - up to 1/4"
									5	HVS	HVS missing or needs replacing (4)
										BL	Range land;
2-7	N 35°15.029' W 119°37.445'	OK	OK	OK	8 new anchors installed 8/2015	OK	3	COND AND EHS BOTH - AH and BK	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
									5	GG	Guy Guards missing (6)
									5	M	Shotgun pattern on C Pole - no damage to hardware (old)
									5	S	Ground wire on B & C poles loose in several areas
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
2-8	N 35°15.150' W 119°37.461'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	N/A	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
									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")
									5	BW	Loose birdwire above B phase
										EHS	Both shield wires BOL 1-2"
										RL	Range land;
3-1	N 35°15.220' W 119°37.492'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	4	LN	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
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;



STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
3-2	N 35°15.390' W 119°37.468'	OK	OK	OK	N/A	N/A	3	N/A	5	CR	B pole vertical cracking full length 4-6 ft.
											Bird Nest B phase cross member
										COND	A phase Cond AOL 3"
										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)
										BL	Range land;
3-3	N 35°15.488' W 119°37.505'	OK	OK	SEE NOTE	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	D	Daylight between A pole and bottom X brace attachment (up to 1/4")
									5	D	Daylight between top V brace and B Pole
									5	D	Daylight between B pole and V brace - up to 1/4"
									5	D	Daylight between B pole and upper V Brace - up to 1/4"
										BW	Loose birdwire A phase
									5	CR	A and B poles have splits
									5	HVS	HVS missing or needs replacing (4)
										BL	Range land;
3-4	N 35°15.625' W 119°37.439'	SEE NOTE	OK	OK	N/A	N/A	3	N/A	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
									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)
										BL	Range land;



STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
3-5	N 35°15.707' W 119°37.480'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	A pole X brace hardware bolt in crack
									5	CR	A & B pole minor cracks
									5	D	Daylight between A pole and bottom X brace
										BW	Missing all birdwire
										BN	Bird nest B phase
									5	D	Daylight between B pole and upper X brace
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
3-6	N 35°15.878' W 119°37.474'	SEE NOTE	SEE NOTE	OK	2 new anchors installed 8/2015	OK	3	N/A	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
									5	CR	A pole lower X-brace hardware bolt in crack
									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 land;
3-7	N 35°15.990' W 119°37.497'	See Note	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	D	Daylight between A pole and lower X brace attachment
									4	BW	Bird wire B phase - held in place with electrical tape
										RL	Range land;
4-1	N 35°16.10' W 119°37.429'	OK	OK	OK	N/A	N/A	3	N/A	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
									5	CR	X-brace hardware in several cracks
									5	D	Daylight between V-brace and B pole - up to 1/4" daylight
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
4-2	N 35°16.229' W 119°37.406'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	A pole vertical crack from ground to X-brace
										BN	Bird nest started
									5	CR	B pole crack ground up to 10'
									5	CR	A & B brace bolts are thru cracks
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
4-3	N 35°16.404' W 119°37.438'	OK	OK	OK	N/A	N/A	3	N/A	5	CR	B pole - EHS attachment bolt in crack, Upper X brace HDW in crack. A pole shield wire HDW in crack
									4	BW	Bird wire ends loose above A and C phases - hanging down near top of insulators
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
4-4	N 35°16.554' W 119°37.451'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	A pole, large crack, ground to 10' - up to 3/4" wide
									5	D	Daylight between A pole and lower X brace attachment
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
4-5	N 35°16.660' W 119°37.505'	SEE NOTE	OK	OK	N/A	N/A	3	N/A	5	CR	A- Pole vertical crack 20' up , 7" deep, 1/2" wide
									4	BW	Bird wire coming loose above B phase
									5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
4-6	N 35°16.780' W 119°37.452'	SEE NOTE	OK	SEE NOTE	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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
										HDW	A-pole spring washer pointing down,X-brace hdw in crack
									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	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
5-1	N 35°16.869' W 119°37.419'	OK	OK	OK	N/A	N/A	3	N/A	5	M	Bike rack chained to base of B pole
									4	MN	Loose (1) 5/8" nut above C phase inside crossarm
									5	D	Daylight between top V brace and B Pole
									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;
5-2	N 35°17.033' W 119°37.450'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	A pole spiral cracking - with conductor crossarm bolt in crack
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
5-3	N 35°17.156' W 119°37.460'	OK	OK	OK	2 new anchors installed 8/2015	OK	3	COND AND EHS BOTH - Only BK	5	CR	Top of B pole split at EHS attachment
									5	CR	Minor cracking entire length - B pole
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
5-4	N 35°17.270' W 119°37.484'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - Only BK	5	CR	A pole - vertical crack at crossarm bolt
										BW	Birdwire B phase loose
									5	D	Daylight between A pole and V brace
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
5-5	N 35°17.374' W 119°37.447'	SEE NOTE	OK	SEE NOTE	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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	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.
										RL	Range land;
5-6	N 35°17.533' W 119°37.465'	OK	OK	OK	7 new anchors installed 8/2015	SEE NOTE	3	N/A	5	CR	B pole vertical cracking
									5	CR	Guy brace on C pole - bolt thru crack
										GRD	staples missing from ground wire
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
5-7	N 35°17.691' W 119°37.283'	SEE NOTE	OK	OK	4 new anchors installed 8/2015	OK	3	COND AND EHS BOTH - Only BK	5	M	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 been 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	D	Daylight between B pole and guy attachment hardware - up to 1/4"
									5	CR	A pole spiral cracking
									5	CR	B pole vertical cracking
									5	HVS	HVS missing or needs replacing (2)
									5	CR	A pole GW HW in cracks
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
6-1	N 35°17.756' W 119°37.119'	OK	OK	OK	2 new anchors installed 8/2015	SEE NOTE	3	COND AND EHS BOTH - Only BK	4	LN	Loose (1) 1/2" nut 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
										COND	A & C phase insulators BOL 3-5"
										COND	A phase highest sag - B phase mid sag - C phase lowest sag
									5	HVS	HVS missing or needs replacing (1)
										GW	Guywire loose
										COND	A pole 6'8" from edge
										BL	Range land;
6-2	N 35°17.765' W 119°36.973'	SEE NOTE	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK		COND	A & C phase BOL 2-3"
									5	D	Daylight between A pole and upper X brace and B pole X-brace
									5	HVS	HVS missing or needs replacing (2)
									5	SWTD	B pole - bottom brace - spring washer turned down
										RL	Range land;
6-3	N 35°17.802' W 119°36.822'	OK	OK	OK	N/A	N/A	3	N/A	5	CR	A & B poles, minor spiral cracking
									5	CR	B pole shield wire hardware bolt in crack
										COND	A Phase BOL 1-3"
									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)
									1	BN	Remove bird nest located above B phase
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
6-4	N 35°17.828' W 119°36.714'	OK	OK	OK	4 new anchors installed 8/2015	OK	3	COND AND EHS BOTH - AH and BK	5	D	Daylight between pole and guy attachments
											Few loose guy wires that need to be tightened A pole
									5	HVS	HVS missing or needs replacing (1)
											Cracking on C pole
											C phase upper cotter pin almost out.
											A phase shoe cotter pin needs to be pushed in
										RL	Range land;
6-5	N 35°17.835' W 119°36.539'	OK	OK	OK	N/A	N/A	3	N/A			
									5	D	Daylight between A pole and V brace - up to 1/4"
										COND	A and C phase insulators BOL
									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;
6-6	N 35°17.823' W 119°36.415'	OK	OK	OK	SEE NOTE	SEE NOTE	3	COND AND EHS BOTH - AH and BK	5	M	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')
									5	CR	A & C poles, minor vertical/spiral cracking
											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
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS	
	LAT / LONG										
7-1	N 35°17.914' W 119°36.415'	OK	OK	OK	N/A	N/A	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)
									5	D	Daylight between B pole and lower X brace
									5	CR	Lower X-brace bolt through large crack
									5	CR	A pole crack 1" wide 3" deep
										RL	Range land;
7-2	N 35°18.041' W 119°36.397'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	D	Daylight between A pole and bottom X brace
									5	CR	Vertical cracking A & B pole
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
7-3	N 35°18.173' W 119°36.409'	OK	SEE NOTE	OK	N/A	N/A	3	N/A		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
									5	S	Staples on B pole coming out – 2/3 pole length
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
7-4	N 35°18.299' W 119°36.404'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	B pole top is splitting, spiral cracking on A pole
									5	SWTD	B pole - bottom of X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;

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



STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
8-2	N 35°19.002' W 119°36.375'	OK	OK	OK	7 new anchors installed 8/2015	OK	3	COND AND EHS BOTH - AH and BK	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
									5	D	Daylight between guy / conductor attachment on B pole - up to 3/8"
									5	CR	B & C phase insulator hardware bolts are in or next to vertical cracks
									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
										RL	Range land;
8-3	N 35°19.122' W 119°36.191'	OK	OK	OK	10 new anchors installed 8/2015	SEE NOTE	3	N/A	5	D	Daylight between grid gains on conductor attachment side, all poles - A & B phase up to 1/2"; C phase up to 1"
									1	OJ	Old style jumper insulator assemblies (3) still in place - recommend change out to new insulators during next scheduled outage
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
8-4	N 35°19.173' W 119°36.102'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK		COND	A phase insulator BOL
									5	S	Loose staples on lower portion of A pole
										EHS	Shield wire attachments on both sides of structure pulled BOL up to 2"
									5	D	Daylight between A pole and bottom X brace - up to 1/8" gap
									5	HVS	HVS missing or needs replacing (2)
									5	CR	A pole split at top near cross beam
										RL	Range land;
8-5	N 35°19.177' W 119°36.059'	OK	OK	OK	7 new anchors installed late 2015	SEE NOTE	3	N/A	5	CR	A pole Guy HDW loose - and hardware in crack
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
8-6	N 35°19.320' W 119°36.042'	SEE NOTE	SEE NOTE	OK	2 new anchors installed 8/2015	OK	3	COND AND EHS BOTH - AH and BK	5	CR	A pole shield wire bolt in crack
									5	CR	Upper V-brace bolt at B pole in crack, crossarm A pole HDW in crack
									5	CR	B pole crack FROM ground to 10' up (6" deep X 1" wide)
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
8-7	N 35°18.405' W 119°36.020'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	N/A	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
									4	LN	B pole upper X brace loose nut.
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
8-8	N 35°19.537' W 119°36.022'	OK	N/A	N/A	4 new anchors installed 8/2015	OK	3	COND AND EHS BOTH - AH and BK	1	OI	Old style braced post insulator assemblies still in place - recommend change out to new insulators during next scheduled outage
									5	D	Daylight between C pole insulator plate, upper bolt head out 1/4" from plate
									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 (4)
										RL	Range land;
9-1	N 35°19.671' W 119°36.034'	OK	OK	OK	N/A	N/A	3	N/A	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
									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)
										BL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
9-2	N 35°19.775' W 119°36.033'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK		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
									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
									5	HVS	HVS missing or needs replacing (2)
									5	SWTD	A pole - upper X- brace - spring washer turned down
										RL	Range land;
9-3	N 35°19.889' W 119°36.044'	OK	OK	OK	N/A	N/A	3	N/A			
										M	Distribution line approx. 20 ft BOL from structure
											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 land;
9-3.5	N 35°19.946' W 119°36.069'	SEE NOTE	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	4	MN	Missing (1) 1/2" nut on bottom center V bracing - above crossarm
									5	D	Daylight between B pole and bottom X brace attachment - up to 1/8"
										EHS	B pole shield wire AOL 2"
									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;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
9-4	N 35°19.043' W 119°36.071'	OK	OK	OK	N/A	N/A	3	N/A		EHS	A & B shield wire BOL 1"
									5	D	Daylight between A pole and V brace
									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)
										BL	Range land;
9-5	N 35°20.155' W 119°36.068'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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"
									5	CR	B pole split 10' x 1/2' x 6" depth
									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;
9-6	N 35°20.241' W 119°36.083'	OK	OK	OK	N/A	N/A	3	N/A		M	Distribution line approx. 12 ft BOL from structure
									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 (3)
										BL	Range land;
9-7	N 35°20.352' W 119°36.083'	OK	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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
										M	New road past structure to well site - AOL
									5	HVS	HVS missing or needs replacing (4)
											A phase chipped insulator about 2/3 down south side.
										BL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
10-1	N 35°20.452' W 119°36.114'	OK	OK	OK	9 new anchors installed 8/2015	OK	3	COND AH - no EHS	5	D	Daylight between pole and gain plates and hardware (3 places) for conductor attachment to eyebolts on AOL side
										M	New C pole installed fall of 2014
									5	CR	B & C starting to develop a split 12' tall
									1	OJL	Still has old style jumper insulators
									2	GG	Missing (8) guy guards
											Guywire HDW in cracks
									5	HVS	HVS missing or needs replacing (4)
											C phase AOL
									5	SWTD	B phase - spring washer turned down
										BL	Range land;
10-2	N 35°20.460' W 119°35.960'	SEE NOTE	SEE NOTE	OK	N/A	N/A	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'
									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)
										BL	Range land;
10-3	N 35°20.529' W 119°35.839'	OK	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK			
									4	LN	Loose (1) 1/2" nut on bottom center V brace
									4	LN	Loose (1) 1/2" nut on bottom X brace to B pole
									5	HVS	HVS missing or needs replacing (3)
										BL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
10-4	N 35°20.625' W 119°35.742'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	N/A	4	LN	Loose (1) 1/2" nut on bottom outside V brace on C phase
									5	M	Minor shotgun damage on both poles
									5	SWTD	A pole - bottom X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (4)
											C phase chipped insulator.
										BL	Range land;
10-5	N 35°20.691' W 119°35.606'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK		EHS	East shield wires pulled AOL approx. 1"
									5	HVS	HVS missing or needs replacing (2)
										BL	Range land;
10-6	N 35°20.755' W 119°35.464'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	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
									5	SWTD	B pole - top X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (3)
										BL	Range land;
10-7	N 35°20.788' W 119°35.335'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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"
									5	D	Daylight between B pole and upper V braced V bracing and pole, on A pole side - less than 1/4"
										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 (2)
									5	SWTD	A pole - X brace - spring washer turned down
										BL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
10-8	N 35°20.878' W 119°35.209'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	N/A	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"
									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)
										RL	Range land;
11-1	N 35°20.929' W 119°35.098'	OK	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	4	MN	Missing (1) 1/2" nut on bottom center V brace
									5	D	Daylight between A pole and upper V brace
									5	CR	Crack on A pole - 5' up 4' long - 1" wide x 4" deep
											UB pole Upper X brace HDW in crack and loose HDW X' brace
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
11-2	N 35°20.981' W 119°34.957'	OK	OK	OK	N/A	N/A	3	N/A	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
									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, HDW in crack
									5	HVS	HVS missing or needs replacing (4)
											A pole bottom X brace Bottom bolt loose 1/8"
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
11-3	N 35°21.059' W 119°34.807'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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
									5	HVS	HVS missing or needs replacing (2)
									5	SWTD	A and B pole spring washers turned down.
										RL	Range land;
11-4	N 35°21.127' W 119°34.665'	OK	OK	OK	N/A	N/A	3	N/A	5	CR	Crack on B pole - 3/4" wide from 5' to 20' up pole
											Upper X brace loose HDW
											Nut on B phase shoe possible loose
									5	S	Loose ground wire A and B pole - 15' up.
									5	HVS	HVS missing or needs replacing (4)
										BL	Range land;
11-5	N 35°21.202' W 119°34.569'	OK	OK	OK	N/A	N/A	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
									5	D	Daylight between B pole and bottom of upper X brace attachment - up to 1/8"
										CR	Cracking B pole
									5	SWTD	B pole - top X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
11-6	N 35°21.260' W 119°34.414'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH ONLY	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
									5	S	A pole ground wire loose 10' up pole
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
11-7	N 35°21.295' W 119°34.259'	SEE NOTE	OK	OK	N/A	N/A	3	N/A	4	LN	Loose (1) 1/2" nut on bottom center V brace - head backed out 1/16"
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;



STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
12-1	N 35°21.359' W 119°34.158'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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"
									5	CR	Crack on B pole along bottom X brace, continue to monitor
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
12-2	N 35°21.444' W 119°34.015'	OK	OK	OK	N/A	N/A	3	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 lower V brace and B pole - up to 1/2"
										Cr	B pole X brace hardware in crack
									5	D	Daylight between bottom X bracing and A and B poles
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
12-3	N 35°21.502' W 119°33.874'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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")
									5	CR	Crack on A pole from ground to 18" up
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
12-4	N 35°21.565' W 119°33.717'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	N/A	4	LN	Loose (2) 1/2" bolt on upper X brace on A pole (head backed out 1/8")
									5	D	Daylight between B pole and lower X brace attachment
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
12-5	N 35°21.654' W 119°33.580'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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
									4	MN	Missing (1) 1/2" locknut on X brace center clamp
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS	
	LAT / LONG										
12-6	N 35°21.670' W 119°33.474'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	N/A	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
									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	Range land;
12-7	N 35°21.735' W 119°33.326'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	D	Daylight between bottom X brace and A pole
									5	CR	Crack in B pole in area from crossarm to V brace, spiral bolt to bolt
									5	SWTD	B pole - top X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
13-1	N 35°21.800' W 119°33.235'	OK	OK	OK	N/A	N/A	3	N/A	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"
									5	HVS	HVS missing or needs replacing (4)
									5	CR	X brace HW in B pole cracks
									5	CR	B pole spiral cracking
										RL	Range land;
13-2	N 35°21.865' W 119°33.088'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	4	LN	Loose (1) 1/2" bolt 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
									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)
										RL	Range land;
13-3	N 35°21.893' W 119°32.910'	OK	OK	OK	N/A	N/A	3	N/A	5	D	Daylight between bottom of X bracing and A and B poles - up to 1/8"
										M	Ecological Preserve signs along road
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
13-4	N 35°21.981' W 119°32.852'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (3)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
13-5	N 35°22.047' W 119°32.683'	OK	OK	OK	N/A	N/A	3	N/A	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"
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
13-6	N 35°22.134' W 119°32.601'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
13-7	N 35°22.182' W 119°32.447'	SEE NOTE	OK	OK	N/A	N/A	3	N/A	5	HVS	HVS missing or needs replacing (2)
									4	LN	Loose (1) 1/2" nut - bottom X brace, A pole
										RL	Range land;
14-1	N 35°22.239' W 119°32.312'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	B-pole @ bottom x-brace, 8' crack, 1/2" wide
									5	S	Loose ground wire on B pole from 8'
									5	CR	A-pole ground to 12', crack, 7" deep
									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)
										RL	Range land;
14-2	N 35°22.288' W 119°32.183'	OK	OK	OK	N/A	N/A	3	N/A	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
									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 (3)
										RL	Range land;
14-3		OK	OK	OK	N/A	N/A	3	N/A	5	CR	A-pole vertical crack, 6' to top, up to 3/4" wide
									5	HVS	HVS missing or needs replacing (4)
									5	CR	B pole cracks 1" wide 6" deep 6' long.
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
14-4	N 35°22.404' W 119°31.930'	OK	OK	OK	N/A	N/A	3	N/A	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)
										RL	Range (and)
14-5	N 35°22.465' W 119°31.790'	SEE NOTE	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	1	MN	Missing (1) 1/2" lock nut on bottom X bracing center clamp; and missing (1) 1/2" nut on same clamp. This should be corrected during next scheduled maintenance outage
									5	D	Daylight between A pole and upper X brace
									5	HVS	HVS missing or needs replacing (2)
									5	SWTD	A and B pole spring washers turned down.
											Aqueduct AOL
										RL	Range (and)
14-6	N 35°22.510' W 119°31.667'	OK	OK	OK	N/A	N/A	3	N/A	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)
									5	D	B pole bottom X bracing daylight between pole.
										RL	Range (and)
14-7	N 35°22.572' W 119°31.518'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	Crack on B pole from ground to 20' up - up to 4-8" deep
									5	HVS	HVS missing or needs replacing (2)
									5	SWTD	B pole spring washer turned down
									5	HVS	HVS missing or needs replacing (1)
											Pole mile marker falling off, the number 1 (14-7)
										BL	Range (and)
15-1	N 35°22.652' W 119°31.343'	OK	OK	OK	N/A	N/A	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'
									5	D	Daylight between bottom X bracing and B pole
									5	HVS	HVS missing or needs replacing (4)
										BL	Range (and)

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
15-2	N 35°22.735' W 119°31.227'	SEE NOTE	SEE NOTE	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	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"
									4	MN	Missing (1) 1/2" backup nut on upper X bracing center clamp
									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;
15-3	N 35°22.796' W 119°31.091'	OK	OK	OK	N/A	N/A	3	N/A	5	CR	B pole bottom X bracing bolted into crack
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
15-4	N 35°22.832' W 119°30.940'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	CR	B-pole crack, ground to 20'
									5	HVS	HVS missing or needs replacing (3)
										BL	Range land;
15-5	N 35°23.085' W 119°30.799'	OK	N/A	N/A	SEE NOTE	SEE NOTE	1	N/A	5	CR	A pole has vertical crack from ground to 20', up to 1" wide x 8" deep
									4	MN	Missing (1) 1/2" nut and locknut on X bracing center clamp
									5	HVS	HVS missing or needs replacing (1)
										BL	Range land;
15-6	N 35°22.902' W 119°30.658'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	CR	A pole crack from near bottom to 30' up - up to 3/4" wide
									4	MN	X brace center clamp missing nut.
									5	HVS	HVS missing or needs replacing (3)
										PT	Pistachio trees - saplings 5-6.5' tall
16-1	N 35°23.005' W 119°30.547'	SEE NOTE	SEE NOTE	OK	N/A	N/A	1	N/A	5	CR	A pole crack 1" wide 6-8" deep base to 15' up.
									4	BGW	Broken ground wire on B pole
									5	HVS	HVS missing or needs replacing (4)
										PT	Pistachio trees - saplings 5-6.5' tall

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
16-2	N 35°23.009' W 119°30.360'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
									5	CR	B pole crack 1" wide 8" deep base to 10'
									5	SWTD	A pole spring washer turned down.
										PT	Pistachio trees - saplings 5-6.5' tall
16-3	N 35°23.017' W 119°30.202'	OK	OK	OK	N/A	N/A	1	N/A	5	HVS	HVS missing or needs replacing (3)
										PT	Pistachio trees - saplings 5-6.5' tall
16-4	N 35°22.959' W 119°30.048'	OK	SEE NOTE	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
										C	Cotton field
16-5	N 35°22.998' W 119°29.878'	OK	OK	OK	N/A	N/A	1	N/A			
									5	M	Missing pole ID on pole B
									4	BGW	Broken ground wire on B pole
									5	D	Daylight between A pole and bottom X brace
									5	HVS	HVS missing or needs replacing (4)
										C	Cotton field
16-6	N 35°22.960' W 119°29.746'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK		FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1" deep section near bottom of pole
									5	HVS	HVS missing or needs replacing (3)
										C	Cotton field
16-7	N 35°22.922' W 119°29.534'	OK	OK	OK	N/A	N/A	1	N/A	5	D	Daylight between B pole and bottom X brace
										FED	Farm Equipment Damage - minor - A and B poles - less than 1" deep from 1' up to about 4-1/2' up
									5	HVS	HVS missing or needs replacing (4)
										C	Cotton field
17-1	N 35°23.013' W 119°29.426'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
									5	D	A pole V brace daylight between pole and brace.
										C	Cotton field

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
17-2	N 35°22.957' W 119°29.260'	OK	OK	OK	N/A	N/A	1	N/A	5	HVS	HVS missing or needs replacing (4)
										C	Cotton field
											B pole cracking
17-3	N 35°23.009' W 119°29.122'	OK	OK	OK	N/A	N/A	3	COND AND EHS BOTH - AH and BK	5	FED	Farm Equipment Damage - minor - A and B poles - nicked by farm equipment - less than 1" deep sections near bottom of poles
									5	HVS	HVS missing or needs replacing (4)
									5	SWTD	B pole spring washers turned down
										C	C phase insulator chipped (pic)
									5	D	Daylight between B pole and bottom X brace
17-4	N 35°22.940' W 119°28.997'	OK	OK	OK	2 new anchors installed 8/2015	SEE NOTE	3	N/A	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)
									5	HVS	HVS missing or needs replacing (3)
											Guy wire seals did not cure. Looks like marshmellow.
											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'
17-5	N 35°22.940' W 119°28.825'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	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
									4	BGW	Broken ground wire on A pole
									5	HVS	HVS missing or needs replacing (2)
										FED	B pole damage. (pic)
										C	Cotton field
17-6	N 35°22.894' W 119°28.665'	OK	OK	OK	N/A	N/A	1	N/A		EHS	A pole shield wire pulled AOL - up to 1"
									5	HVS	HVS missing or needs replacing (4)
										FED	B pole damage. (pic)
										C	Cotton field

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
17-7	N 35°22.951' W 119°28.528'	SEE NOTE	SEE NOTE	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	4	LN	Loose (1) 1/2" nut on bottom outside V brace above C phase
									4	BGW	Broken ground wire on B pole
									5	HVS	HVS missing or needs replacing (4)
									5	SWTD	B pole spring washer turned down
										C	Cotton field
18-1	N 35°23.026' W 119°28.343'	OK	OK	OK	N/A	N/A	1	OK	5	HVS	HVS missing or needs replacing (4)
									4	BGW	Broken ground wire on A pole
										SP	Spotted with scope from road.
										C	Cotton field
18-2	N 35°23.019' W 119°28.190'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	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
									4	BGW	Broken ground wire on A pole
									5	HVS	HVS missing or needs replacing (4)
										SP	Spotted with scope from road.
										C	Cotton field
18-3	N 35°22.956' W 119°28.033'	OK	N/A	N/A	N/A	N/A	1	N/A			
										M	Anchor bolt nuts tight and ground wire in place
									5	HVS	HVS missing on steel structures
										C	Cotton field
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	5	HVS	HVS missing or needs replacing (4)
										C	Alfalfa field
18-5	N 35°23.168' W 119°28.046'	OK	OK	OK	N/A	N/A	1	N/A	4	BGW	Broken ground wire on B pole
									5	HVS	HVS missing or needs replacing (3)
										C	Alfalfa field
18-6	N 35°23.311' W 119°28.055'	SEE NOTE	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (3)
										C	Cotton field



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

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
19-6	N 35°23.931' W 119°27.309'	OK	OK	OK	N/A	N/A	1	N/A	5	HVS	HVS missing or needs replacing (4)
											A and B poles cracked 1" wide 8" deep 10- 15' up.
										C	Cotton field
19-7	N 35°23.901' W 119°27.121'	OK	N/A	N/A	N/A	N/A	1	COND AND EHS BOTH - AH and BK		M	Anchor bolt nuts tight and ground wire in place
									5	HVS	HVS missing on steel structures
										C	Cotton field
MSCC 0-3	N 35°23.901' W 119°27.121'	OK	N/A	N/A	N/A	N/A	2	N/A		L	Lattice structure – all members tightly fastened
									4	WI	Wash insulators per established washing schedule. Currently all insulators are fairly clean.
MSCC 0-2	N 35°23.986' W 119°26.988'	OK	N/A	N/A	N/A	N/A	2	N/A		L	Lattice structure – all members tightly fastened
										RL	Range land - fenced yard at Midway substation
MSCC 0-1	N 35°24.071' W 119°27.002'	OK	N/A	N/A	N/A	N/A	2	N/A		L	Lattice structure – all members tightly fastened
										RL	Range land - fenced yard at Midway substation

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
	LAT / LONG									

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

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

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
MSCC Pole #0/4	OK	N/A	N/A	N/A	OK	OK	3	N/A			East of Western substation (set of 3 poles)
									5	M	Bottom bolt on post insulators is loose (1/4"-1/2")
									5	M	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	OK	N/A	N/A	N/A	N/A	N/A	3	N/A			East and south of Western substation
									5	M	Missing pole number
									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")
MSCC Pole #0/6	OK	N/A	N/A	N/A	OK	SEE NOTE	3	N/A			West of Victory substation
									5	M	Missing pole number
									5	A	Anchors not taped
									5	GG	Missing guy guards on down guys (2)
Victory Substation "H" Str	OK	N/A	N/A	N/A	N/A	N/A	0	N/A			In Victory substation

# MIDWAY SUNSET 4th QUARTER INSPECTION REPORT WO# 126998

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

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS	
	LAT / LONG										
1-1	N 35°13.667' W 119°37.875'	OK	N/A	N/A	9 new anchors installed 8/2015	SEE NOTE	2	N/A	5	CGP	(5) Guys not attached to cow guard poles in pasture land.
											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.
											A pole Guy Cow Guard not buried. Loose North Guys on A/B pole. C Pole East Guy loose.
									5	D	Daylight between south guy attachment and pole and pole eye plates - up to 1/4"-3/4" on A/C pole and 2" on B pole
											Few loose guy wires that need to be tightened.
									5	HVS	HVS missing or needs replacing (3)
1	RL	Range land;									
1-2	N 35°13.781' W 119°37.929'	SEE NOTE	N/A	N/A	OK	SEE NOTE	2	COND AND EHS BOTH - AH and BK	5	CR	Spiral crack, A & C poles full length
									5	CR	C pole horizontal insulator hardware bolt in crack
									5	HVS	HVS missing or needs replacing (2)
									1	BL	Range land;
1-3	N 35°13.914' W 119°37.967'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	4	LN	Loose (1) 1/2" nut on B phase center bottom V brace
									5	HVS	HVS missing or needs replacing (1)
											Loose spring washers on A and B poles
									1	RL	Range land;
1-4	N 35°14.048' W 119°37.995'	OK	OK	OK	N/A	N/A	2	N/A	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")
									5	HVS	HVS missing or needs replacing (1)
									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	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
1-5	N 35°14.122' W 119°38.033'	SEE NOTE	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	S	Ground wire staples on A pole coming out in several places
									5	HVS	HVS missing or needs replacing (1)
									5	CR	A & B pole shield wire HDW bolting through a spiral crack Shield wire brackets BOL hard. C phase AOL
										RL	Range land
1-6	N 35°14.246' W 119°38.061'	OK	OK	OK	N/A	N/A	2	N/A	5	SWTD	Spring Washer turned down on upper X brace A pole
									1	RL	Range land
1-7	N 35°14.386' W 119°38.086'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	4	BW	Bird wire coming loose above A phase
									5	CR	Crack in A pole is up to 1" wide 10' up
									5	D	Daylight at C phase V brace @ pole 1/8" gap
									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
1-8	N 35°14.478' W 119°38.170'	OK	N/A	N/A	7 new anchors installed 8/2015	SEE NOTE	2	N/A	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
									5	D	Daylight between pole eye plate and pole on A, B, C poles (1/4" to 1/2")
									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 land
2-1	N 35°14.569' W 119°38.013'	OK	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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
									4	MN	Missing (1) 1/2" nut on bottom V brace above A phase
									5	GW	Ground wire (normally above pole tops) bent down below top of pole
									5	HVS	HVS missing or needs replacing (4)
									1	RL	Range land

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
2-2	N 35°14.658' W 119°37.939'	OK	SEE NOTE	OK	N/A	N/A	2	N/A	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
									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;
2-3	N 35°14.722' W 119°37.844'	OK	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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
									5	SWTD	Spring Washer turned down on upper X brace A pole
									5	D	Daylight between A pole and upper X brace (1/8")
									4	BW	Bird wire end loose above B phase, but not hanging down
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
2-4	N 35°14.808' W 119°37.740'	OK	OK	OK	N/A	N/A	2	N/A	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
									5	CR	Minor cracking in various places going up A & B poles
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
2-5	N 35°14.884' W 119°37.654'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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')
										COND	A phase BOL 3-4" due to structure twist
									5	CR	B pole w/crossbeam hardware in crack,
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
2-6	N 35°14.968' W 119°37.516'	SEE NOTE	OK	OK	2 new anchors installed 8/2015	OK	2	N/A	4	LN	Loose (1) 1/2" bolt backed out 1/8" upper outside V brace B pole
									5	D	Daylight between A pole and top outside V brace (1/8")
									5	D	Daylight between pole and guy wire brackets - up to 1/4"
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
2-7	N 35°15.029' W 119°37.445'	OK	OK	OK	8 new anchors installed 8/2015	OK	2	COND AND EHS BOTH - AH and BK	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
									5	GG	Guy Guards missing (6)
									5	M	Shotgun pattern on C Pole - no damage to hardware (old)
									5	S	Ground wire on B & C poles loose in several areas
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
2-8	N 35°15.150' W 119°37.461'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	N/A	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
									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")
									5	BW	Loose birdwire above B phase
										EHS	Both shield wires BOL 1-2"
										RL	Range land;
3-1	N 35°15.220' W 119°37.492'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	4	LN	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
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;



STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
3-2	N 35°15.390' W 119°37.468'	OK	OK	OK	N/A	N/A	2	N/A	5	CR	B pole vertical cracking full length 4-6 ft.
										COND	A phase Cond AOL 3"
										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)
										BL	Range land;
3-3	N 35°15.488' W 119°37.505'	OK	OK	SEE NOTE	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	D	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"
									5	D	Daylight between B pole and upper V Brace - up to 1/4"
										BW	Loose birdwire A phase
									5	CR	A and B poles have splits
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
3-4	N 35°15.625' W 119°37.439'	SEE NOTE	OK	OK	N/A	N/A	2	N/A	5	D	Daylight between bottom X brace and A pole - up to 1/8"
									5	CR	A and B poles have splits
									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)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
3-5	N 35°15.707' W 119°37.480'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	CR	A pole X brace hardware bolt in crack
									5	CR	A & B pole miner cracks
									5	D	Daylight between A pole and bottom X brace
										BW	Missing all birdwire
									5	D	Daylight between B pole and upper X brace
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land
3-6	N 35°15.878' W 119°37.474'	SEE NOTE	SEE NOTE	OK	2 new anchors installed 8/2015	OK	2	N/A	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
									5	CR	A pole lower X-brace hardware bolt in crack
									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 land
3-7	N 35°15.990' W 119°37.497'	See Note	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	D	Daylight between A pole and lower X brace attachment
									4	BW	Bird wire B phase - held in place with electrical tape
										BL	Range land
4-1	N 35°16.10' W 119°37.429'	OK	OK	OK	N/A	N/A	2	N/A	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
									5	CR	X-brace hardware in several cracks
									5	D	Daylight between V-brace and B pole - up to 1/4" daylight
									5	HVS	HVS missing or needs replacing (1)
										BL	Range land

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
4-2	N 35°16.229' W 119°37.406'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	CR	A pole vertical crack from ground to X-brace
									5	CR	B pole crack ground up to 10'
									5	CR	A & B brace bolts are thru cracks
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
4-3	N 35°16.404' W 119°37.438'	OK	OK	OK	N/A	N/A	2	N/A	5	CR	B pole - EHS attachment bolt in crack, Upper X brace HDW in crack. A pole shield wire HDW in crack
									4	BW	Bird wire ends loose above A and C phases - hanging down near top of insulators
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
4-4	N 35°16.554' W 119°37.451'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	CR	A pole, large crack, ground to 10' - up to 3/4" wide
									5	D	Daylight between A pole and lower X brace attachment
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
4-5	N 35°16.660' W 119°37.505'	SEE NOTE	OK	OK	N/A	N/A	2	N/A	5	CR	A- Pole vertical crack 20' up , 7" deep, 1/2" wide
									4	BW	Bird wire coming loose above B phase
									5	D	Daylight between A pole and bottom X brace attachment - up to 1/8"
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
4-6	N 35°16.780' W 119°37.452'	SEE NOTE	OK	SEE NOTE	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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
										HDW	A-pole spring washer pointing down, X-brace hdw in crack
									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	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
5-1	N 35°16.869' W 119°37.419'	OK	OK	OK	N/A	N/A	2	N/A	5	M	Bike rack chained to base of B pole
									4	MN	Loose (1) 5/8" nut above C phase inside crossarm
									5	D	Daylight between top V brace and B Pole
									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;
5-2	N 35°17.033' W 119°37.450'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	CR	A pole spiral cracking - with conductor crossarm bolt in crack
									5	HVS	HVS missing or needs replacing (1)
										BL	Range land;
5-3	N 35°17.156' W 119°37.460'	OK	OK	OK	2 new anchors installed 8/2015	OK	2	COND AND EHS BOTH - Only BK	5	CR	Top of B pole split at EHS attachment
									5	CR	Minor cracking entire length - B pole
									5	HVS	HVS missing or needs replacing (1)
										BL	Range land;
5-4	N 35°17.270' W 119°37.484'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - Only BK	5	CR	A pole - vertical crack at crossarm bolt
										BW	Birdwire B phase loose
									5	D	Daylight between A pole and V brace
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
5-5	N 35°17.374' W 119°37.447'	SEE NOTE	OK	SEE NOTE	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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	CR	Vertical crack at X brace attachment
									5	HVS	HVS missing or needs replacing (1)
									4	MN	B pole upper X-brace missing back up nut.
										RL	Range land
5-6	N 35°17.533' W 119°37.465'	OK	OK	OK	7 new anchors installed 8/2015	SEE NOTE	2	N/A	5	CR	B pole vertical cracking
									5	CR	Guy brace on C pole - bolt thru crack
										GRD	staples missing from ground wire
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land
5-7	N 35°17.691' W 119°37.283'	SEE NOTE	OK	OK	4 new anchors installed 8/2015	OK	2	COND AND EHS BOTH - Only BK	5	M	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 been 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	D	Daylight between B pole and guy attachment hardware - up to 1/4"
									5	CR	A pole spiral cracking
									5	CR	B pole vertical cracking
									5	HVS	HVS missing or needs replacing (2)
									5	CR	A pole GW HW in cracks
										RL	Range land

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
6-1	N 35°17.756' W 119°37.119'	OK	OK	OK	2 new anchors installed 8/2015	SEE NOTE	2	COND AND EHS BOTH - Only BK	4	LN	Loose (1) 1/2" nut 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
										COND	A & C phase insulators BOL 3-5"
										COND	A phase highest sag - B phase mid sag - C phase lowest sag
									5	HVS	HVS missing or needs replacing (1)
										GW	Guywire loose
										COND	A pole 6'4" from edge
										BL	Range land;
6-2	N 35°17.765' W 119°36.973'	SEE NOTE	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK		COND	A & C phase BOL 2-3"
									5	D	Daylight between A pole and upper X brace and B pole X-brace
									5	HVS	HVS missing or needs replacing (2)
									5	SWTD	B pole - bottom brace - spring washer turned down
										RL	Range land;
6-3	N 35°17.802' W 119°36.822'	OK	OK	OK	N/A	N/A	2	N/A	5	CR	A & B poles, minor spiral cracking
									5	CR	B pole shield wire hardware bolt in crack
										COND	A Phase BOL 1-3"
									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)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
6-4	N 35°17.828' W 119°36.714'	OK	OK	OK	4 new anchors installed 8/2015	OK	2	COND AND EHS BOTH - AH and BK	5	D	Daylight between pole and guy attachments
											Few loose guy wires that need to be tightened A pole
									5	HVS	HVS missing or needs replacing (1)
											Cracking on C pole
											C phase upper cotter pin almost out.
											A phase shoe cotter pin needs to be pushed in
										RL	Range land
6-5	N 35°17.835' W 119°36.539'	OK	OK	OK	N/A	N/A	2	N/A			
									5	D	Daylight between A pole and V brace - up to 1/4"
										COND	A and C phase insulators BOL
									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
6-6	N 35°17.823' W 119°36.415'	OK	OK	OK	SEE NOTE	SEE NOTE	2	COND AND EHS BOTH - AH and BK	5	M	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')
									5	CR	A & C poles, minor vertical/spiral cracking
											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
										RL	Range land

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS	
	LAT / LONG										
7-1	N 35°17.914' W 119°36.415'	OK	OK	OK	N/A	N/A	2	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)
									5	D	Daylight between B pole and lower X brace
									5	CR	Lower X-brace bolt through large crack
									5	CR	A pole crack 1" wide 3" deep
										RL	Range land;
7-2	N 35°18.041' W 119°36.397'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	D	Daylight between A pole and bottom X brace
									5	CR	Vertical cracking A & B pole
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;
7-3	N 35°18.173' W 119°36.409'	OK	SEE NOTE	OK	N/A	N/A	2	N/A		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
									5	S	Staples on B pole coming out – 2/3 pole length
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
7-4	N 35°18.299' W 119°36.404'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	CR	B pole top is splitting, spiral cracking on A pole
									5	SWTD	B pole - bottom of X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;



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

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
B-2	N 35°19.002' W 119°36.375'	OK	OK	OK	7 new anchors installed 8/2015	OK	2	COND AND EHS BOTH - AH and BK	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
									5	D	Daylight between guy / conductor attachment on B pole - up to 3/8"
									5	CR	B & C phase insulator hardware bolts are in or next to vertical cracks
									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
										RL	Range land;
B-3	N 35°19.122' W 119°36.191'	OK	OK	OK	10 new anchors installed 8/2015	SEE NOTE	2	N/A	5	D	Daylight between grid gains on conductor attachment side, all poles - A & B phase up to 1/2"; C phase up to 1"
									1	OJI	Old style jumper insulator assemblies (3) still in place - recommend change out to new insulators during next scheduled outage
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
B-4	N 35°19.173' W 119°36.102'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK		COND	A phase insulator BOL
									5	S	Loose staples on lower portion of A pole
										EHS	Shield wire attachments on both sides of structure pulled BOL up to 2"
									5	D	Daylight between A pole and bottom X brace - up to 1/8" gap
									5	HVS	HVS missing or needs replacing (2)
									5	CR	A pole split at top near cross beam
										RL	Range land;
B-5	N 35°19.177' W 119°36.059'	OK	OK	OK	7 new anchors installed late 2015	SEE NOTE	2	N/A	5	CR	A pole Guy HDW loose - and hardware in crack
									5	HVS	HVS missing or needs replacing (2)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
8-6	N 35°19.320' W 119°36.042'	SEE NOTE	SEE NOTE	OK	2 new anchors installed 8/2015	OK	2	COND AND EHS BOTH - AH and BK	5	CR	A pole shield wire bolt in crack
									5	CR	Upper V-brace bolt at B pole in crack, crossarm A pole HDW in crack
									5	CR	B pole crack FROM ground to 10' up (6" deep X 1" wide)
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
8-7	N 35°18.405' W 119°36.020'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	N/A	5	CR	A pole has crack 6" deep and 1" wide from ground level to 12' up
									4	MN	Missing (1) 1/2" nut on center bottom V brace
									4	LN	B pole upper X brace loose nut.
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land;
8-8	N 35°19.537' W 119°36.022'	OK	N/A	N/A	4 new anchors installed 8/2015	OK	2	COND AND EHS BOTH - AH and BK	1	OI	Old style braced post insulator assemblies still in place - recommend change out to new insulators during next scheduled outage
									5	D	Daylight between C pole insulator plate, upper bolt head out 1/4" from plate
									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 (4)
										RL	Range land;
9-1	N 35°19.671' W 119°36.034'	OK	OK	OK	N/A	N/A	2	N/A	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
									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)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
9-2	N 35°19.775' W 119°36.033'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK		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
									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
									5	HVS	HVS missing or needs replacing (2)
									5	SWTD	A pole - upper X- brace - spring washer turned down
										RL	Range land;
9-3	N 35°19.889' W 119°36.044'	OK	OK	OK	N/A	N/A	2	N/A			
										M	Distribution line approx. 20 ft BOL from structure
											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 land;
9-3.5	N 35°19.946' W 119°36.069'	SEE NOTE	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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"
										EHS	B pole shield wire AOL 2"
									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;

STR NO	STRUCTURE LAT / LONG	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
9-4	N 35°19.043' W 119°36.071'	OK	OK	OK	N/A	N/A	2	N/A		EHS	A & B shield wire BOL 1"
									5	D	Daylight between A pole and V brace
									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)
										RL	Range land;
9-5	N 35°20.155' W 119°36.068'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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"
									5	CR	B pole split 10' x 1/2' x 6" depth
									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)
										RL	Range land;
9-6	N 35°20.241' W 119°36.083'	OK	OK	OK	N/A	N/A	2	N/A		M	Distribution line approx. 12 ft BOL from structure
									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 (3)
										RL	Range land;
9-7	N 35°20.352' W 119°36.083'	OK	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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
										M	New road past structure to well site - AOL
									5	HVS	HVS missing or needs replacing (4)
											A phase chipped insulator about 2/3 down south side.
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
10-1	N 35°20.452' W 119°36.114'	OK	OK	OK	9 new anchors installed 8/2015	OK	2	COND AH - no EHS	5	D	Daylight between pole and gain plates and hardware (3 places) for conductor attachment to eyebolts on AOL side
										M	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
									2	GG	Missing (8) guy guards
											Guywire HDW in cracks
									5	HVS	HVS missing or needs replacing (4)
											C phase AOL
									5	SWTD	B phase - spring washer turned down
										RL	Range land;
10-2	N 35°20.460' W 119°35.960'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	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'
									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)
										RL	Range land;
10-3	N 35°20.529' W 119°35.839'	OK	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK			
									4	LN	Loose (1) 1/2" nut on bottom center V brace
									4	LN	Loose (1) 1/2" nut on bottom X brace to B pole
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
10-4	N 35°20.625' W 119°35.742'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	N/A	4	LN	Loose (1) 1/2" nut on bottom outside V brace on C phase
									5	M	Minor shotgun damage on both poles
									5	SWTD	A pole - bottom X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (4)
											C phase chipped insulator.
										BL	Range land;
10-5	N 35°20.691' W 119°35.606'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK		EHS	East shield wires pulled AOL approx. 1"
									5	HVS	HVS missing or needs replacing (2)
										BL	Range land;
10-6	N 35°20.755' W 119°35.464'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	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
									5	SWTD	B pole - top X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
10-7	N 35°20.788' W 119°35.335'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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"
									5	D	Daylight between B pole and upper V braced V bracing and pole, on A pole side - less than 1/4"
										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 (2)
									5	SWTD	A pole - X brace - spring washer turned down
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
10-8	N 35°20.878' W 119°35.209'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	N/A	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"
									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)
										RL	Range land;
11-1	N 35°20.929' W 119°35.098'	OK	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	4	MN	Missing (1) 1/2" nut on bottom center V brace
									5	D	Daylight between A pole and upper V brace
									5	CR	Crack on A pole - 5' up 4' long - 1" wide x 4" deep
											UB pole Upper X brace HDW in crack and loose HDW X brace
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
11-2	N 35°20.981' W 119°34.957'	OK	OK	OK	N/A	N/A	2	N/A	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
									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, HDW in crack
									5	HVS	HVS missing or needs replacing (4)
											A pole bottom X brace Bottom bolt loose 1/8"
										RL	Range land;



STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
11-3	N 35°21.059' W 119°34.807'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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
									5	HVS	HVS missing or needs replacing (2)
									5	SWTD	A and B pole spring washers turned down.
										RL	Range (and)
11-4	N 35°21.127' W 119°34.665'	OK	OK	OK	N/A	N/A	2	N/A	5	CR	Crack on B pole - 3/4" wide from 5' to 20' up pole
											Upper X brace loose HDW
											Nut on B phase shoe possible loose
									5	S	Loose ground wire A and B pole - 15' up.
									5	HVS	HVS missing or needs replacing (4)
11-5	N 35°21.202' W 119°34.569'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK		RL	Range (and)
									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"
										CR	Cracking B pole
									5	SWTD	B pole - top X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (4)
11-6	N 35°21.260' W 119°34.414'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH ONLY		RL	Range (and)
									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
									5	S	A pole ground wire loose 10' up pole
									5	HVS	HVS missing or needs replacing (4)
11-7	N 35°21.295' W 119°34.259'	SEE NOTE	OK	OK	N/A	N/A	2	N/A		RL	Range (and)
									4	LN	Loose (1) 1/2" nut on bottom center V brace - head backed out 1/16"
									5	HVS	HVS missing or needs replacing (4)

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
12-1	N 35°21.359' W 119°34.158'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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"
									5	CR	Crack on B pole along bottom X brace, continue to monitor
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
12-2	N 35°21.444' W 119°34.015'	OK	OK	OK	N/A	N/A	2	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 lower V brace and B pole - up to 1/2"
										Cr	B pole X brace hardware in crack
									5	D	Daylight between bottom X bracing and A and B poles
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
12-3	N 35°21.502' W 119°33.874'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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")
									5	CR	Crack on A pole from ground to 18" up
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
12-4	N 35°21.565' W 119°33.717'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	N/A	4	LN	Loose (2) 1/2" bolt on upper X brace on A pole (head backed out 1/8")
									5	D	Daylight between B pole and lower X brace attachment
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
12-5	N 35°21.654' W 119°33.580'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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
									4	MN	Missing (1) 1/2" locknut on X brace center clamp
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
12-6	N 35°21.670' W 119°33.474'	SEE NOTE	SEE NOTE	OK	N/A	N/A	2	N/A	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
									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	Range land;
12-7	N 35°21.735' W 119°33.326'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	D	Daylight between bottom X brace and A pole
									5	CR	Crack in B pole in area from crossarm to V brace, spiral bolt to bolt
									5	SWTD	B pole - top X brace - spring washer turned down
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
13-1	N 35°21.800' W 119°33.235'	OK	OK	OK	N/A	N/A	2	N/A	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"
									5	HVS	HVS missing or needs replacing (4)
									5	CR	X brace HW in B pole cracks
									5	CR	B pole spiral cracking
										RL	Range land;
13-2	N 35°21.865' W 119°33.088'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	4	LN	Loose (1) 1/2" bolt 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
									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)
										RL	Range land;
13-3	N 35°21.893' W 119°32.910'	OK	OK	OK	N/A	N/A	2	N/A	5	D	Daylight between bottom of X bracing and A and B poles - up to 1/8"
										M	Ecological Preserve signs along road
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
13-4	N 35°21.981' W 119°32.852'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (3)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
13-5	N 35°22.047' W 119°32.683'	OK	OK	OK	N/A	N/A	2	N/A	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"
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land;
13-6	N 35°22.134' W 119°32.601'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
										RL	Range land;
13-7	N 35°22.182' W 119°32.447'	SEE NOTE	OK	OK	N/A	N/A	2	N/A	5	HVS	HVS missing or needs replacing (2)
									4	LN	Loose (1) 1/2" nut - bottom X brace, A pole
										RL	Range land;
14-1	N 35°22.239' W 119°32.312'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	CR	B-pole @ bottom x-brace, 8" crack, 1/2" wide
									5	S	Loose ground wire on B pole from 8'
									5	CR	A-pole ground to 12", crack, 7" deep
									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)
										RL	Range land;
14-2	N 35°22.288' W 119°32.183'	OK	OK	OK	N/A	N/A	2	N/A	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
									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 (3)
										RL	Range land;
14-3		OK	OK	OK	N/A	N/A	2	N/A	5	CR	A-pole vertical crack, 6' to top, up to 3/4" wide
									5	HVS	HVS missing or needs replacing (4)
									5	CR	B pole cracks 1" wide 6" deep 6' long.
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
14-4	N 35°22.404' W 119°31.930'	OK	OK	OK	N/A	N/A	2	N/A	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)
										RL	Range land;
14-5	N 35°22.465' W 119°31.790'	SEE NOTE	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	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	D	Daylight between A pole and upper X brace
									5	HVS	HVS missing or needs replacing (2)
									5	SWTD	A and B pole spring washers turned down.
											Aqueduct AOL
										RL	Range land;
14-6	N 35°22.510' W 119°31.667'	OK	OK	OK	N/A	N/A	2	N/A	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)
									5	D	B pole bottom X bracing daylight between pole.
										RL	Range land;
14-7	N 35°22.572' W 119°31.518'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	CR	Crack on B pole from ground to 20' up - up to 4-8" deep
									5	HVS	HVS missing or needs replacing (2)
									5	SWTD	B pole spring washer turned down
									5	HVS	HVS missing or needs replacing (1)
											Pole mile marker falling off, the number 1 (14-7)
										RL	Range land;
15-1	N 35°22.652' W 119°31.343'	OK	OK	OK	N/A	N/A	2	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"
									5	D	Daylight between bottom X bracing and B pole
									5	HVS	HVS missing or needs replacing (4)
										RL	Range land;

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
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	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"
									4	MN	Missing (1) 1/2" backup nut on upper X bracing center clamp
									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)
										RL	Range land
15-3	N 35°22.796' W 119°31.091'	OK	OK	OK	N/A	N/A	2	N/A	5	CR	B pole bottom X bracing bolted into crack
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land
15-4	N 35°22.832' W 119°30.940'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	CR	B-pole crack, ground to 20'
									5	HVS	HVS missing or needs replacing (3)
										RL	Range land
15-5	N 35°23.085' W 119°30.799'	OK	N/A	N/A	SEE NOTE	SEE NOTE	1	N/A	5	CR	A pole has vertical crack from ground to 20', up to 1" wide x 8" deep
									4	MN	Missing (1) 1/2" nut and locknut on X bracing center clamp
									5	HVS	HVS missing or needs replacing (1)
										RL	Range land
15-6	N 35°22.902' W 119°30.658'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	CR	A pole crack from near bottom to 30' up - up to 3/4" wide
									4	MN	X brace center clamp missing nut.
									5	HVS	HVS missing or needs replacing (3)
										PT	Pistachio trees - saplings 5-6.5' tall
16-1	N 35°23.005' W 119°30.547'	SEE NOTE	SEE NOTE	OK	N/A	N/A	1	N/A	5	CR	A pole crack 1" wide 6-8" deep base to 15' up.
									4	BGW	Broken ground wire on B pole
									5	HVS	HVS missing or needs replacing (4)
										PT	Pistachio trees - saplings 5-6.5' tall



STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
16-2	N 35°23.009' W 119°30.360'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
									5	CR	B pole crack 1" wide 8" deep base to 10'
									5	SWTD	A pole spring washer turned down.
										PT	Pistachio trees - saplings 5-6.5' tall
16-3	N 35°23.017' W 119°30.202'	OK	OK	OK	N/A	N/A	1	N/A	5	HVS	HVS missing or needs replacing (3)
										PT	Pistachio trees - saplings 5-6.5' tall
16-4	N 35°22.959' W 119°30.048'	OK	SEE NOTE	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
										C	Farm Equipment Damage - minor - A and B poles - less than 1" deep from ground to about 1' up
16-5	N 35°22.998' W 119°29.878'	OK	OK	OK	N/A	N/A	1	N/A			
									5	M	Missing pole ID on pole B
									4	BGW	Broken ground wire on B pole
									5	D	Daylight between A pole and bottom X brace
									5	HVS	HVS missing or needs replacing (4)
										C	Cotton field
16-6	N 35°22.960' W 119°29.746'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK		FED	Farm Equipment damage - minor - A pole - nicked by farm equipment - up to 1" deep section near bottom of pole
									5	HVS	HVS missing or needs replacing (3)
										C	Cotton field
16-7	N 35°22.922' W 119°29.534'	OK	OK	OK	N/A	N/A	1	N/A	5	D	Daylight between B pole and bottom X brace
										FED	Farm Equipment Damage - minor - A and B poles - less than 1" deep from 1' up to about 4-1/2' up
									5	HVS	HVS missing or needs replacing (4)
										C	Cotton field
17-1	N 35°23.013' W 119°29.426'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (4)
									5	D	A pole V brace daylight between pole and brace.
										C	Cotton field

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
17-2	N 35°22.957' W 119°29.260'	OK	OK	OK	N/A	N/A	1	N/A	5	HVS	HVS missing or needs replacing (4)
										C	Cotton field
											B pole cracking
17-3	N 35°23.009' W 119°29.122'	OK	OK	OK	N/A	N/A	2	COND AND EHS BOTH - AH and BK	5	FED	Farm Equipment Damage - minor - A and B poles - nicked by farm equipment - less than 1" deep sections near bottom of poles
									5	HVS	HVS missing or needs replacing (4)
									5	SWTD	B pole spring washers turned down
										C	C phase insulator chipped (pic)
									5	D	Daylight between B pole and bottom X brace
17-4	N 35°22.940' W 119°28.997'	OK	OK	OK	2 new anchors installed 8/2015	SEE NOTE	2	N/A	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)
									5	HVS	HVS missing or needs replacing (3)
											Guy wire seals did not cure. Looks like marshmallow.
											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"
17-5	N 35°22.940' W 119°28.825'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	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
									4	BGW	Broken ground wire on A pole
									5	HVS	HVS missing or needs replacing (2)
										FED	B pole damage. (pic)
										C	Cotton field
17-6	N 35°22.894' W 119°28.665'	OK	OK	OK	N/A	N/A	1	N/A		EHS	A pole shield wire pulled AOL - up to 1"
									5	HVS	HVS missing or needs replacing (4)
										FED	B pole damage. (pic)
										C	Cotton field



STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
17-7	N 35°22.951' W 119°28.528'	SEE NOTE	SEE NOTE	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	4	LN	Loose (1) 1/2" nut on bottom outside V brace above C phase
									4	BGW	Broken ground wire on B pole
									5	HVS	HVS missing or needs replacing (4)
									5	SWTD	B pole spring washer turned down
										C	Cotton field
18-1	N 35°23.026' W 119°28.343'	OK	OK	OK	N/A	N/A	1	OK	5	HVS	HVS missing or needs replacing (4)
									4	BGW	Broken ground wire on A pole
										SP	Spotted with scope from road.
										C	Cotton field
18-2	N 35°23.019' W 119°28.190'	OK	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	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
									4	BGW	Broken ground wire on A pole
									5	HVS	HVS missing or needs replacing (4)
										SP	Spotted with scope from road.
										C	Cotton field
18-3	N 35°22.956' W 119°28.033'	OK	N/A	N/A	N/A	N/A	1	N/A			
										M	Anchor bolt nuts tight and ground wire in place
									5	HVS	HVS missing on steel structures
										C	Cotton field
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	5	HVS	HVS missing or needs replacing (4)
										C	Alfalfa field
18-5	N 35°23.168' W 119°28.046'	OK	OK	OK	N/A	N/A	1	N/A	4	BGW	Broken ground wire on B pole
									5	HVS	HVS missing or needs replacing (3)
										C	Alfalfa field
18-6	N 35°23.311' W 119°28.055'	SEE NOTE	OK	OK	N/A	N/A	1	COND AND EHS BOTH - AH and BK	5	HVS	HVS missing or needs replacing (3)
										C	Cotton field

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

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST		2018 COMMENTS
	LAT / LONG										
19-6	N 35°23.931' W 119°27.309'	OK	OK	OK	N/A	N/A	1	N/A	5	HVS	HVS missing or needs replacing (4)
											A and B poles cracked 1" wide 8" deep 10- 15' up.
										C	Cotton field
19-7	N 35°23.901' W 119°27.121'	OK	N/A	N/A	N/A	N/A	1	COND AND EHS BOTH - AH and BK		M	Anchor bolt nuts tight and ground wire in place
									5	HVS	HVS missing on steel structures
										C	Cotton field
MSCC 0-3	N 35°23.901' W 119°27.121'	OK	N/A	N/A	N/A	N/A	2	N/A		L	Lattice structure – all members tightly fastened
									4	WI	Wash insulators per established washing schedule. Currently all insulators are fairly clean.
MSCC 0-2	N 35°23.986' W 119°26.988'	OK	N/A	N/A	N/A	N/A	2	N/A		L	Lattice structure – all members tightly fastened
										RL	Range land - fenced yard at Midway substation
MSCC 0-1	N 35°24.071' W 119°27.002'	OK	N/A	N/A	N/A	N/A	2	N/A		L	Lattice structure – all members tightly fastened
										RL	Range land - fenced yard at Midway substation

STR NO	STRUCTURE	HARDWARE	X BRACE V BRACE	CROSSARM	ANCHOR	GUYS	FIRE CATEGORY	DAMPERS	PRIORITY LIST	2018 COMMENTS
	LAT / LONG									

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

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

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

### Used Intermittently

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,

A handwritten signature in dark ink, appearing to read "D. Faiella", is written over a light blue horizontal line.

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,**

A handwritten signature in black ink, appearing to read 'Bud Hensley', with a long horizontal line extending to the right.

**Bud Hensley  
Environmental Specialist  
Midway Sunset  
Aera Energy LLC  
lkensley@aeraenergy.com**

**Table 1**

**Thermodynamic Efficiency**

**Assessment**

REPORT: THERMODYNAMIC EFFICIENCY ASSESSMENT  
YEAR: 2018

MONTH	PG&E CHP MWH	AERA MWH	OTHER NON-CONTRACT SALES MWH	STATION USE & LL MWH	TOTAL POWER MWH	TOTAL POWER MMBTU	NET POWER SALES MWH	STEAM LBS	STEAM lbs/s	HS	HF	DELTA H	TOTAL HEAT 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)	EFFICIENCY	AVERAGE PER DAY MMBTUS	
JAN	50,663	7,824	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	0.0	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	54,823	294,512,120	859,889	1,042.25	124.72	917.53	270,224.7	642,096	583,723.6	0.0	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	56,850	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	905.85	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%	11,831	21,401
AUG	47,344	7,398	66	1,501	56,309	192,184	54,808	322,709,380	942,217	1,042.46	138.66	903.80	291,662.6	665,859	605,326.4	0.0	0.0	665,859.0	605,326.4	79.93%	11,825	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	0.0	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	0.0	0.0	692,102.0	629,183.6	79.40%	11,594	22,326
NOV	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	0.0	0.0	681,156.0	619,232.7	79.09%	11,552	22,705
DEC	51,549	7,195	788	1,446	60,978	208,119	59,532	327,044,800	954,875	1,042.33	129.28	913.05	298,608.4	705,351	641,228.4	0.0	0.0	705,351.3	641,228.4	79.02%	11,567	22,753
ANNUAL	589,195.05	87,326.46	2,870.81	17,860.28	697,252.60	2,379,723	679,392	3,818,765,670	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 TOTALS						PURPA CALCULATION	
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%

Electrical Production

Steam Production

Fuel Gas Usage

PURPA Operating Standard, > or =  
PURPA Efficiency Standard, > or =

	PURPA Standard	Total
MWh		876,077
mmbtu		2,990,051
mmbtu		3,475,657
mmbtu (HHV)		10,229,527
mmbtu (LHV)		9,299,570
%	5%	53.8%
LHV	42.50%	50.84%
HHV		46.2%

REPORT: PEAKER OPERATIONS  
YEAR: 2018

MONTH	PEAKER GROSS 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		

Heat rate	11,896
-----------	--------

## Table 2

### Outages

2018

DATE	UNIT 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

**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.	***	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.	***	15 lbs.	Safety Kleen of California, Fresno, CA*	Safety Kleen of California, Fresno, CA*
Universal Waste – Electronics	135 lbs.	***	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.	***	270 gallons 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**

**Hazardous / Non-Recycled Waste - 2018**

<b>Waste Name</b>	<b>Quantity Generated</b>	<b>Methods Used in Handling</b>	<b>Quantity Disposed</b>	<b>Disposal Site</b>	<b>Waste Disposal Contractor</b>
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.	***	165 lbs.	Clean Harbors**	Clean Harbors**
Cleaning Debris (Non-Hazardous, Non-DOT Regulated)	100 lbs.	***	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

MONTH	TOTAL BOILER FEEDWATER, (RECLAIMED AND FRESH WATER)	FRESH WATER ADDED TO BOILER FEEDWATER	% BOILER FEEDWATER		OTHER FRESH WATER USED AT COGEN	FRESH WATER FOR COOLING	TOTAL FRESH WATER
	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	<u>11,149,681</u>	<u>0</u>	<u>100.00%</u>	<u>0.00%</u>	<u>797,659</u>	<u>0</u>	<u>797,659</u>
AVG PER DAY	30,547	0.00	100.00%	0.00%	2,185	0.00	2,185