LISP 1, 2 AND 3

Maintenance Updates

February 22, 2022

LISP Maintenance Activities

OVERVIEW

Activity	Meralco Standard Maintenance Cycle	Sta Rosa Maintenance Cycle for LISP CIRCUITS
Thermographic Scanning (Primary)	At least once a year	Monthly
Tree Pruning	At least once every quarter	Monthly
OH Line Inspection / Regular Line Patrol (Primary)	At least once every quarter	Monthly
Application of Grease to Meralco Poles	Pilot implementation for LISP1	To be scheduled
Ground Resistance Test Pole with special line equipment (AVR, Recloser, Switches etc.) Pole with DT / Arrester	 Once a year Once every three years	Yearly
Replacement of Ageing Pole, Wire, and Hardwares	20 years for wood pole 30 years for concrete poles 40 years for steel pole 30 years – Wires & Hardware	30 Years and as needed depending on the findings of inspection

LISP Maintenance Activities

2022 THERMOGRAPHIC SCANNING

LISP 1

Circuit Name	Circuit no.		January				February			
LISP 1 BANK 1	412ZQ	Target				P				P
		Actual								
	413ZQ	Target	P				P			
		Actual								
	414ZQ	Target	P				P			
		Actual								
	415ZQ	Target				P				P
		Actual								
LISP 1 BANK 2	422ZQ	Target		P				P		
		Actual								
	423ZQ	Target		P				P		
		Actual								
	424ZQ	Target			P				P	
		Actual								
	425ZQ	Target			P				P	
		Actual								

LISP 2

Circuit Name	Circuit no.		January				February			
LISP 2	414CMB	Target				P				P
		Actual								
	416CMB	Target				P				P
		Actual								
	413CMB	Target				P				P
		Actual								
	415CMB	Target				P				P
		Actual								

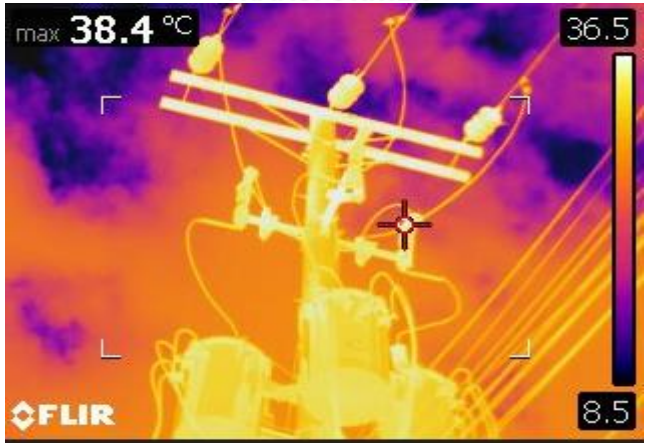
LISP 3

Circuit Name	Circuit no.		January				February			
LISP 3 BANK 1	413WW	Target		P				P		
		Actual								
	414WW	Target								
	415WW	Target		P				P		
		Actual								
	416WW	Target								
LISP 3 BANK 2	423WW	Target								
	424WW	Target		P				P		
		Actual								
	425WW	Target								
	426WW	Target								

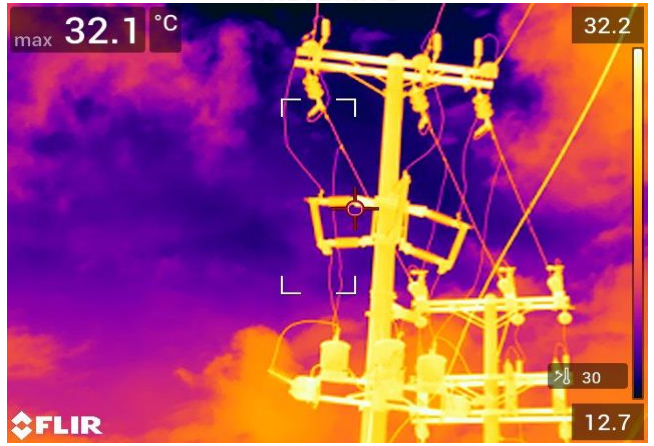
SCANNING PRIMARY JUMPER

SCANNING MERALCO EQUIPEMENT

SCANNING DISTRIBUTION TRANSFORMER



SCANNING PRIMARY METERING



LISP Maintenance Activities

2022 TREE PRUNING

LISP 1

Circuit Name	Circuit no.		January				February			
LISP 1 BANK 1	412ZQ	Target	P							
		Actual								
	413ZQ	Target	P							
		Actual								
	414ZQ	Target		P						
		Actual								
	415ZQ	Target		P						
		Actual								
LISP 1 BANK 2	422ZQ	Target			P					
		Actual								
	423ZQ	Target			P					
		Actual								
	424ZQ	Target				P				
		Actual								
	425ZQ	Target				P				
		Actual								

LISP 2

Circuit Name	Circuit no.		January				February			
LISP 2	414CMB	Target	P							
		Actual								
	416CMB	Target	P							
		Actual								
	413CMB	Target	P							
		Actual								
	415CMB	Target	P							
		Actual								

LISP 3

Circuit Name	Circuit no.		January				February			
LISP 3 BANK 1	413WW	Target		P						
		Actual								
	414WW	Target								
	415WW	Target		P						
		Actual								
	416WW	Target								
LISP 3 BANK 2	423WW	Target								
	424WW	Target		P						
		Actual								
	425WW	Target								
	426WW	Target								

BEFORE

LISP 1 CKT

AFTER

LISP Maintenance Activities

2022 LINE PATROL

LISP 1

Circuit Name	Circuit no.		January	February
LISP 1 BANK 1	412ZQ	Target	P	P
		Actual		
	413ZQ	Target	P	P
		Actual		
	414ZQ	Target	P	P
		Actual		
	415ZQ	Target	P	P
		Actual		
LISP 1 BANK 2	422ZQ	Target	P	P
		Actual		
	423ZQ	Target	P	P
		Actual		
	424ZQ	Target	P	P
		Actual		
	425ZQ	Target	P	P
		Actual		

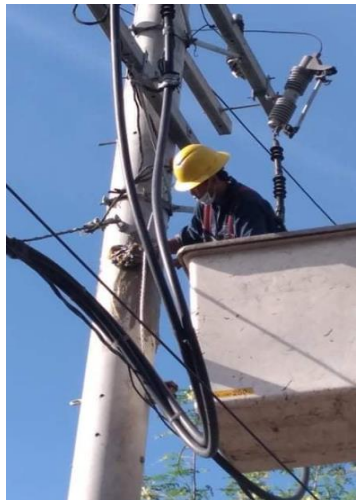
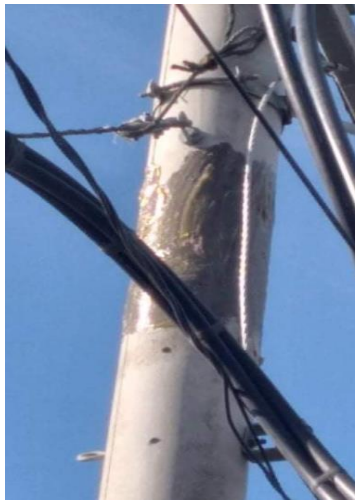
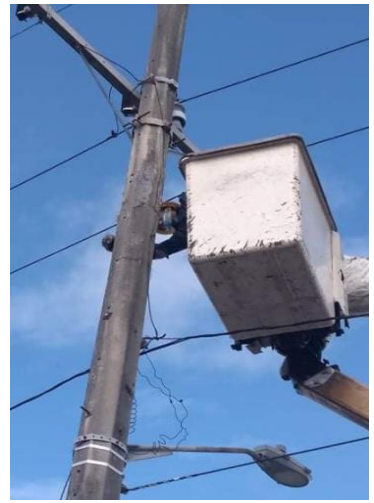
LISP 2

Circuit Name	Circuit no.		January	February
LISP 2	414CMB	Target	P	P
		Actual		
	416CMB	Target	P	P
		Actual		
	413CMB	Target	P	P
		Actual		
	415CMB	Target	P	P
		Actual		

LISP 3

Circuit Name	Circuit no.		January	February
LISP 3 BANK 1	413WW	Target	P	P
		Actual		
	414WW	Target		
	415WW	Target	P	P
		Actual		
	416WW	Target		
LISP 3 BANK 2	423WW	Target		
	424WW	Target	P	P
		Actual		
	425WW	Target		
	426WW	Target		

SNAKE DETERRENT – APPLICATION OF GREASE TO MERALCO POLES

LISP Circuit Improvements

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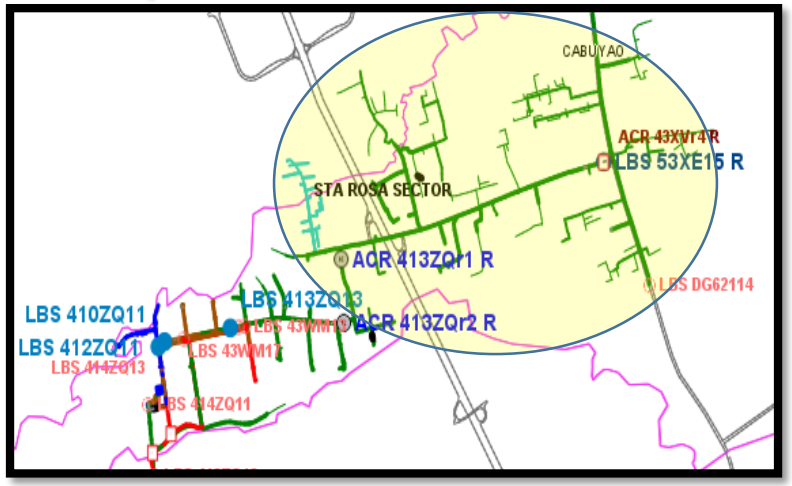
Circuits	Works	Purpose	Date Completed
413ZQ	LOADSHIFT PORTION OF 413ZQ TO 425ZQ	**Lessen Exposure**	**Oct. 26, 2021**
415ZQ	LOADSHIFT PORTION OF 415ZQ TO 422ZQ	**Lessen Exposure**	**Feb, 26, 2021**
416CMB	*LOADSHIFT PORTION OF 416CMB TO 45XE CIRCUIT	**Lessen Exposure**	**Aug. 15, 2021**
413CMB	LOADSHIFT PORTION OF 413CMB TO 425WJ CIRCUIT	**Lessen Exposure**	**Jun. 10, 2021**

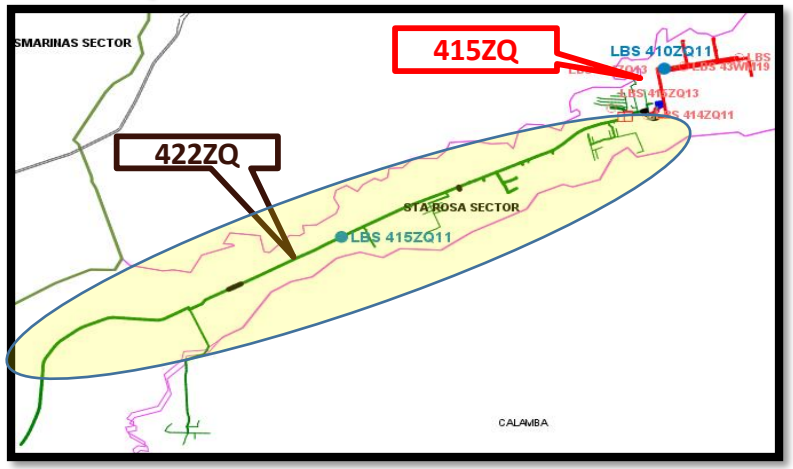
LISP Maintenance Activities

LOADSHIFTING ACTIVITIES TO LESSEN EXPOSURE OF INDUSTRIAL CIRCUITS

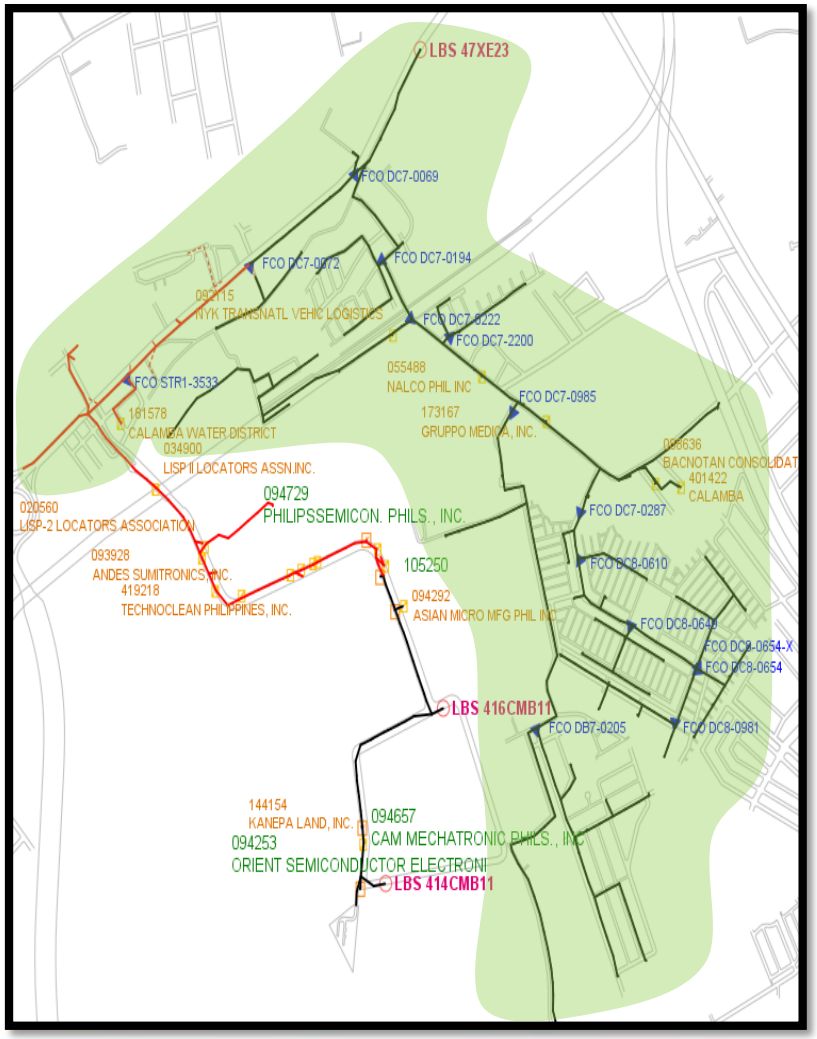
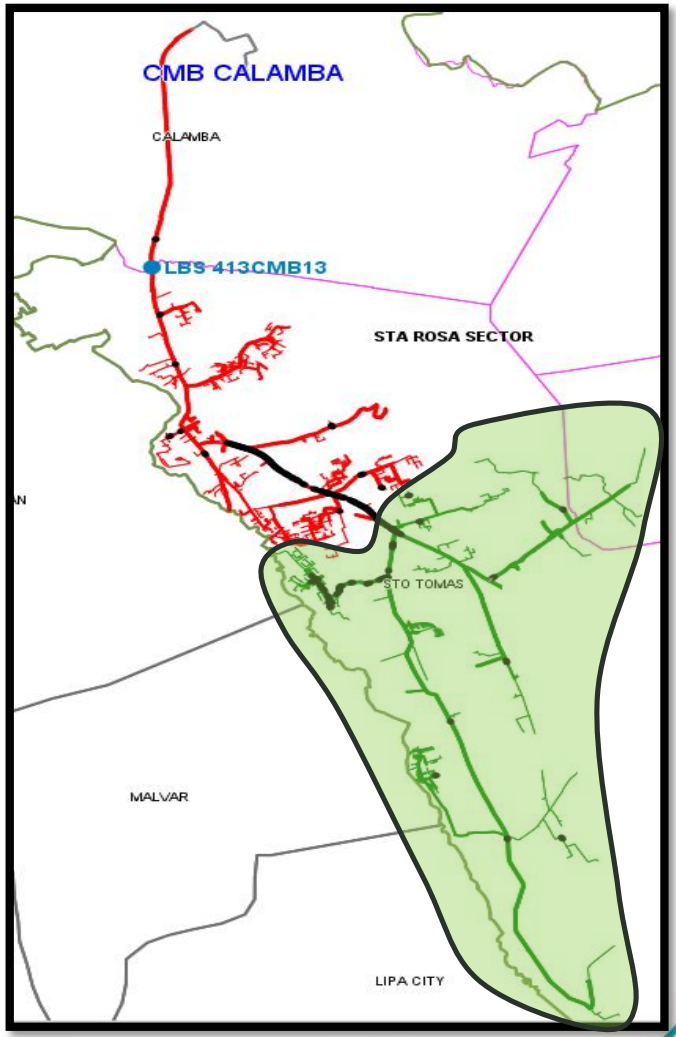
413ZQ



413ZQ



416CMB



413CMB