



# Electric System Mapping Symbols

# Overhead Location

	Wood distribution pole		Capacitor bank
	Steel distribution pole		Line fuse
	Concrete distribution pole		Primary Meter
	Customer or foreign owned wood distribution pole		Blade disconnect switch
	Customer or foreign owned steel distribution pole		Open blade disconnect switch
	Customer or foreign owned concrete distribution pole		Gang operated switch
	Distribution pole structure		Open gang operated switch
	Customer or foreign owned pole structure		Remote control automated vacuum interrupt switch
	Distribution tower		Open remote control automated vacuum interrupt switch
	Overhead guy wire		Single phase sectionalizer
	Pole riser power mold		Sectionalizer
	Push pole		Recloser
	Street light luminaire		Antenna for DOC controlled switch
	Customer or foreign owned street light luminaire		Single transformer
	Street light luminaire on light pole		Single customer or foreign owned transformer
	Customer or foreign owned street light luminaire on light pole		Two transformers banked
	Dusk-to-dawn luminaire		Two customer or foreign owned transformers banked
	Customer or foreign owned dusk-to-dawn luminaire		Three transformers banked
	Dusk-to-dawn luminaire on light pole		Three customer or foreign owned transformers banked
	Customer or foreign owned dusk-to-dawn luminaire on light pole		Transformer location code
	Customer or foreign owned luminaire (Customer/municipal power only)		Substation and bay
	Customer or foreign owned luminaire on light pole (Customer/municipal power only)		Cogeneration
	Primary conductor, lateral		
	Primary conductor, feeder		
	Secondary conductor		
	Street light conductor		
	Service conductor		
	Transmission conductor		
	Conductor change arrow		
	Open double dead-end (primary or secondary)		
	Jumpered double dead-end (primary or secondary)		

Index to symbol annotation		PH	=	Phase
CB#	= Capacitor bank number	Red	=	A phase
(*) C	= Current controlled	Yellow	=	B phase
F	= Fixed	Blue	=	C phase
PF	= Power factor controlled	Q	=	Quantity
RC	= Remote controlled	SL#	=	SRP source load number
TP	= Temperature controlled	SM	=	Size and material codes
TM	= Time controlled	SW#	=	Switch number
V	= Voltage controlled	No suffix	=	Blade switch
CL	= Pole class	K suffix	=	Gang switch
CO	= Customer owned	KL suffix	=	Gang switch with load break
FT	= Footage	KLI suffix	=	DOC controlled switch
HT	= Pole height	KLS suffix	=	Remote controlled "smart switch"
LOC#	= Last two digits of transformer location code	R suffix	=	Recloser
M#	= Mast arm SRP number	S suffix	=	Sectionalizer
NQ	= Neutral quantity	V	=	Transmission voltage
OW	= Owner's initials	VS	=	Secondary voltage if other than 120/240V
		WR	=	Number of wire runs if other than 1