One Line Symbol	Physical Equipment	Meaning
		Service station voltage transformer (SSVT) – provides 120 VAC @ 60 Hz to the substation to charge batteries, operate relays, and lights.
		Wave trap – used to isolate higher frequency communication signals from other substations which are sent over transmission lines.
		Motor operated air breaker (MOAB) – a switch which isolates a section of the substation and is primarily operated via a motor.
00		Manual disconnect switch – a switch which is operated manually to isolate sections of the substation for servicing.
-0 0-		Breaker – an automated switch to de-energize sections of the substation and is controllable via relaying.

One Line Symbol	Physical Equipment	Meaning
₩U	We ACCEDITE COMMITTEE COMM	Current transformer (CT) – Decreases currents detected in the substation to a level which can be tolerated by relaying equipment
	As Ma	Capacitively coupled voltage transformer (CCVT) – Decreases the voltages in the substation to a level which can be tolerated by relaying equipment.
		Power Transformer – Used to decrease or increase an input voltage. Such transformers can handle large currents and voltages.
Ø1 A MR	**SATEC PANISON **** **** **** **** **** **** ****	Meter – Similar to conventional multi-meters but tailored towards use in a substation. It takes both current and voltage inputs and displays them for field personnel.
50/62 FT 50/51 25	SEL CONTROL CO	Relay – Used to protect the substation from adverse system conditions such as faults. The relays trip the circuit breakers to de-energize transmission lines and protect substation equipment.

One Line Symbol	Physical Equipment	Meaning
86FT B3	ICTRIQUETICAL	Lockout relay – Physically locks the substation out from flipping a breaker. These often times can only be reset by manually turning the handle. These devices are used to protect field personnel performing system maintenance as well.