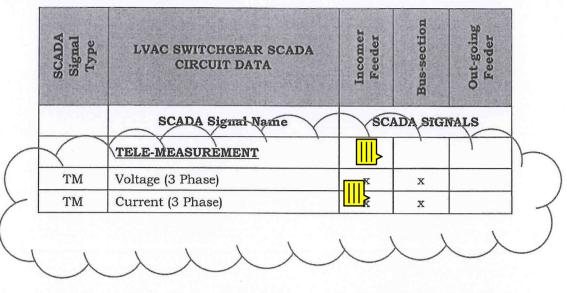
SCADA SIGNAL LIST

Al Ghadeer -33/11kV Primary Substation

1.2.3 LVAC Signal List:



These signals not provided by Danway LLC

SCADA SIGNAL LIST

Al Ghadeer -33/11kV Primary Substation

SCADA Signal Type	LVAC SWITCHGEAR SCADA CIRCUIT DATA	Incomer Feeder	Bus-section	Out-going Feeder	
	SCADA Signal Name	SCA	DA SIGI	NALS	
	STATUS INPUT (DOUBLE SIGNAL)				
DS	Changeover mode (Auto/Manual)	x			

Text Change required instead of Local & Remote

SCADA SIGNAL LIST

Al Ghadeer - ' 33/11kV Primary Substation

SCADA Signal Type	LVAC SWITCHGEAR SCADA CIRCUIT DATA	Incomer	Bus-section	Out-going Feeder			
	SCADA Signal Name	SCADA SIGNALS					
	ALARM INPUT						
- SS	Under voltage relay operated	x	x	•			
SS	Annunciation device failed	x	x		Annunciator signal sup		
SS	O/C & E/F relay operated	x	x		failed provided.		
SS	Inter trip from ADDC side	x					
SS	Protection relay faulty	x	х	1 1	← Provided		
SS	Trip circuit supervision fail	x	х				
SS	Transformer SBEF Relay Trip	x					
SS	Main DC supply fail	x	x				

Arrow marked signals not available with wired up to SCMS terminal with terminal numbers it has to be show separately.

X	IYYY		-	33/11kV	Primary Substation
SCADA Signal Type	LVAC SWITCHGEAR SCADA CIRCUIT DATA	Incomer Feeder	Bus-section	Out-going Feeder	\sum
A	SCADA Signal Name	SCADA SIGNALS] /
	COMMAND OUTPUT				-
DC	DC MCB Trip	x	x		Provided
DO	AC MCB Trip	x	x		Provided
DC	Drimows VT MCD Thin	x	x		
DC	Primary VT MCB Trip	A			
	Secondary VT MCB Trip	x	x		

Arrow marked signals not available with wired up to SCMS terminal with terminal numbers it has to be show separately.