




1.2.3 LVAC Signal List:

SCADA Signal Type	LVAC SWITCHGEAR SCADA CIRCUIT DATA	Incomer Feeder	Bus-section	Out-going Feeder
	SCADA Signal Name	SCADA SIGNALS		
	TELE-MEASUREMENT			
TM	Voltage (3 Phase)	 ^K	X	
TM	Current (3 Phase)	 _K	X	

These signals not provided by Danway LLC

SCADA Signal Type	LVAC SWITCHGEAR SCADA CIRCUIT DATA	Incomer Feeder	Bus-section	Out-going Feeder
	SCADA Signal Name	SCADA SIGNALS		
	<u>STATUS INPUT (DOUBLE SIGNAL)</u>			
DS	Changeover mode (Auto/Manual)	x		

← **Provided**

Text Change required instead of Local & Remote

SCADA Signal Type	LVAC SWITCHGEAR SCADA CIRCUIT DATA	Incomer Feeder	Bus-section	Out-going Feeder
	SCADA Signal Name	SCADA SIGNALS		
	<u>ALARM INPUT</u>			
SS	Under voltage relay operated	x	x	
SS	Annunciation device failed	x	x	
SS	O/C & E/F relay operated	x	x	
SS	Inter trip from ADDC side	x		
SS	Protection relay faulty	x	x	
SS	Trip circuit supervision fail	x	x	
SS	Transformer SBEF Relay Trip	x		
SS	Main DC supply fail	x	x	

← Provided

← Annunciator signal supply failed provided.

← Provided

← Provided

← Provided

← Provided

← Provided

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

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	SCADA SIGNALS		
	<u>COMMAND OUTPUT</u>			
DC	DC MCB Trip	x	x	
DC	AC MCB Trip	x	x	
DC	Primary VT MCB Trip	x	x	
DC	Secondary VT MCB Trip	x	x	
DC	Out-going MCB Trip			x

Provided
Provided

← Provided

← Provided

Trip signals are provided for all MCBs. Please clarify which MCB is this.

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