

POLE-2	
Signal Name	Description
AI-HVDC-CWQ90HZDDI	CWQ90 EXE DEADBAND FREQUENCY DEMAND
AI-HVDC-CWQ90HZFDI	CWQ90 EXE FREQUENCY SLOPE DEMAND VALUE
AI-HVDC-CWQ90HZSDI	CWQ90 EXE SPECIFIED VALUE FREQ DEMAND
AI-HVDC-CW/Q90HZTDI	CWQ90 EXE TARGET VALU FREQUENCY DEMAND
AI-HVDC-CWQ91KVDEI	CWQ91 EAST EXE AC VOLTAGE DEMAND VALUE
AI-HVDC-CW/Q91QLDEI	CWQ91 EAST EXE REACT PWR LOWER LIM DEM
AI-HVDC-CWQ91QUDEI	CWQ91 EAST EXE REACT PWR UPPER LIM DEM
AI-HVDC-CWQ92KVDEI	CWQ92 STH EXE AC VOLTAGE DEMAND VALUE
AI-HVDC-CW/Q9ZQLDEI	CWQ92 STH EXE REACT PWR LOWER LIM DEM
AI-HVDC-CWQ92QUDEI	CWQ92 STH EXE REACT PWR UPPER LIM DEM
AI-HVDC-CWT11TCPOI	CWT11 P1E TAPCHANGER POSITION
AI-HVDC-CWT31TCPOI	CWT31 P1S TAPCHANGER POSITION
AI-HVDC-MWU70CPLI	MWU70 STN CONTROL POWER LIMIT VALUE
AI-HVDC-MWU70OPTCI	MWU70 STN OVERALL PWR TRANSFER CAPABIL
AI-HVDC-MWU70PDE1I	MWU70 STN EXECUTED POWER DEMAND VALUE
AI-HVDC-MWU70PLDEI	MWU70 STN EXE POWER LIMIT DEMAND VALLE
AI-HVDC-MWU70PRCDI	MWU70 STN EXE RATE OF CHANGE PWR DEM
AI-HVDC-MWU70RPLI	MWU70 STN POWER DEMAND OVERRIDE LIMIT
AI-HVDC-MWU70RTRI	MWU70 STN RAMP TIME REMAINING VALUE
AI-HVDC-MWU71ADCI	MWU71 P1 DC CURRENT VALUE
AI-HVDC-MWU71AGEPI	MWU71 P1E ALPHA/GAMMA CONTROL ANGLE
AI-HVDC-MWU71AGSPI	MWU71P1S ALPHA/GAMMA CONTROL ANGLE
AI-HVDC-MWU71CPLI	MWU71 P1 CONTROL POWER LIMIT VALUE
AI-HVDC-MWU71OPTCI	MWU71P1 OVERALL PWR TRANSFER CAPABIL
AI-HVDC-MWU71OVC1I	MWU71P1QOVERLOAD CAPABILITY - 15 MINS
AI-HVDC-MWU71OVC2I	MWU71 P16VERLOAD CAPABILITY - 20 MINS
AI-HVDC-MWU71OVC3I	MWU71 P1OVERLOAD CAPABILITY - 30 MINS
AI-HVDC-MWU71OVC4I	MWU71 P1OVERLOAD CAPABILITY - 40 MINS
AI-HVDC-MWU71OVC5I	MWU71 P1OVERLOAD CAPABILITY - 50 MINS
AI-HVDC-MWU71OVC60I	MWU71P1OVERLOAD CAPABILITY - 1 HOUR

AI-HVDC-MWU71OVC7I	MWU71P1OVERLOAD CAPABILITY - 1.5 HOUR
AI-HVDC-MWU71OVC8I	MWU71P1OVERLOAD CAPABILITY - 2 HRS
AI-HVDC-MWU71OVC9I	MWU71P1OVERLOAD CAPABILITY - CONTIN
AI-HVDC-MWU71PDCI	MWU71 P1 DC ACTIVE POWER VALUE
AI-HVDC-MWU71PDE 1I	MWU71 P1 EXECUTED POWER DEMAND VALUE
AI-HVDC-MWU71PLDEI	MWU71 P1 EXE POWER LIMIT DEMAND VALUE
AI-HVDC-MWU71PRCDI	MWU71 P1 EXE RATE OF CHANGE PWR DEM

POLE-2 SIGNAL LIST		
Signal Name	Description	Short Description
DI-P2-AUX_MAJOR_FAIL	POLE-2 AUX MAJOR FAILURE	Major Failure of Auxiliary Supply
DI-P2-AUX_MINOR_FAIL	POLE-2 AUX MINOR FAILURE	Minor Failure of Auxiliary Supply
DI-P2-COOLGRPALMEMG	POLE-2 COOLING GROUPED ALARM EMERGENCY	Valve Cooling Major alarm
DI-P2-COOLGRPALMWARN	POLE-2 COOLING GROUPED ALARM WARNING	ValveCooling Minor alarm
DI-P2-DAMP_CTRL	POLE-2 DAMPING CONTROL ON/OFF	Status of Damping Control
DI-P2-E_ENRGIZED	POLE-2 E ENERGIZED	Pole energized In East
DI-P2-E_FREQ_CTRL	POLE-2 E FREQUENCY CONTROL ON/OFF	Pole energized In South
DI-P2-E_POLE_BLKD	POLE-2 E POLE BLOCKED	Pole -2 East Blocked
DI-P2-E_POLE_DEELKD	POLE-2 E POLE DEBLOCKED	Pole -2 South Blocked
DI-P2-E_RDY_ENRGZ	POLE-2E READY FOR ENERGIZE	
DI-P2-E_RDY_OPRN	POLE-2 E READY FOR OPERATION	
DI-P2-E_RPC_SELEC_AT	POLE-2 E RPC SELECTED AUTO	
DI-P2-E_RPC_SELEC_MA	POLE-2 E RPC SELECTED MANUAL	
DI-P2-E_RPC_SELEC_OF	POLE-2 E RPC SELECTED OFF	
DI-P2-E_TCC_A_M	POLE-2 E TCC MANUAL/AUTO	
DI-P2-FIRE_ALARM	POLE-2 FIRE ALARM	
DI-P2-GRP_ALM-EMGY	POLE-2 GROUPED ALARM EMERGENCY	
DI-P2-GRP_ALM_MINOR	POLE-2 GROUPED ALARM MINOR	
DI-P2-GRP_ALM_WARN	POLE-2 GROUPED ALARM WARNING	
DI-P2-MIMIC_CTRL	POLE-2 MIMIC CONTROL	Pole-2 Control is from MIMIC
DI-P2-OWS_CTRL	POLE-2 OWS CONTROL	Pole-2 Control is from OWS
DI-P2-PWR-DIRECTN	POLE-2 POWER DIRECTION	
DI-P2-PWR_CTRL	POLE-2 POWER CONTROL ON	
DI-P2-RAMP_IN_PRGS	POLE-2 RAMP IN PROGRESS	
DI-P2-REACGRPALMEMG	POLE-2 REACTOR GROUPED ALARM EMERGENCY	Any major alarm from the reactor
DI-P2-REACGRPALMWARN	POLE-2 REACTOR GROUPED ALARM WARNING	Any minor alarm from the reactor
DI-P2-REM_CTRL_E	POLE-2 REMOTE CONTROL E	
DI-P2-REM_CTRL_S	POLE-2 REMOTE CONTROL S	
DI-P2-5_ENRGIZED	POLE-2S ENERGIZED	
DI-P2-S_FREQ_CTRL	POLE-2 5 FREQUENCY CONTROL ON/OFF	Status of Frequency Control
DI-P2-S_POLE_BLKD	POLE-2 S POLE BLOCKED	
DI-P2-S_POLE_DEBLKD	POLE-2 S POLE DEBLOCKED	
DI-P2-5_RDY_ENRGZ	POLE-2 S READY FOR ENERGIZE	
DI-P2-5_RDY_OPRN	POLE-2 S READY FOR OPERATION	
DI-P2-S_RPC_SELEC_AT	POLE-2 S RPC SELECTED AUTO	
DI-P2-S_RPC_SELEC_MA	POLE-2 S RPC SELECTED MANUAL	
DI-P2-S_RPC_SELEC_OF	POLE-2 S RPC SELECTED OFF	
DI-P2-S_TCC_A_M	POLE-2 S TCC MANUAL/AUTO	
DI-P2-TR_GRP_ALM_WAR	POLE-2 TRANSFORMER GROUPED ALARM WARNING	
DI-P2-TRGRPALMEM	POLE-2 TRANSF. GROUPED ALARM EMERGENCY	
DI-P2-U_Q21	POLE-2 P2.U.Q21 INDICATION	South Valve Hall Earth switch (For 1st 6pulse)
DI-P2-U_Q22	POLE-2 P2.U.Q22 INDICATION	South Valve Hall Earth switch (for 2nd 6pulse)
DI-P2-U_Q23	POLE-2 P2.U.Q23 INDICATION	East Valve Hall Earth switch (For 1st 6pulse)
DI-P2-U_Q24	POLE-2 P2.U.Q24 INDICATION	East Valve Hall Earth switch (for 2nd 6pulse)
DI-P2-WA1_Q11	POLE-2 P2.WT1.Q11 INDICATION	South Converter Transformer Isolator Status (present between Transformer and main/Tie Bay)
DI-P2-WA1_W1_Q1	POLE-2 WA1.W1.Q1 INDICATION	South Main Bay Bus-1 Breaker Status
DI-P2-WA1_W1_Q11	POLE-2 WA1.W1.Q11 INDICATION	South Main bay Bus-1 Isolator Status
DI-P2-WA1_W1_Q12	POLE-2 WA1.W1.Q12 INDICATION	South Main Bay Isolator (Towards Equipment) Status
DI-P2-WA1_W1_Q13	POLE-2 WA1.W1.Q13 INDICATION	South Tie Bay Isolator Status (Towards equipment)
DI-P2-WA1_W1_Q14	POLE-2 WA1.W1.Q14 INDICATION	South Tie Bay Isolator Status (Towards south filter Bay)
DI-P2-WA1_W1_Q15	POLE-2 WA1.W1.Q15 INDICATION	South Main Bay Isolator Status (Towards south filter Bay)
DI-P2-WA1_W1_Q16	POLE-2 WA1.W1.Q16 INDICATION	South Main Bay Bus-2 Isolator Status
DI-P2-WA1_W1_Q2	POLE-2 WA1.W1.Q2 INDICATION	South Tie bay Breaker Status

POLE-2	
Name	Description
DO-P2_FREQ_CTRL E	POLE2 E Frequency Control ON/OFF
DO-P2_FREQ_CTRL S	PCLE2 S Frequency Control ON/OFF
DO-P2_MIMIC_CONTROL	POLE2 MIMIC CONTROL
DO-P2_OWS_CONTROL	POLE2 OWS CONTROL
DO-P2_POLE2_BLK_DBLK	POLE2 BLOCK/DeBLOCK
DO-P2_PWR_DIR_E_S	POLE2 P2 PWR Direction East to South
DO-P2_PWR_MODL	POLE2 Power Modulation On/Off
DO-P2_RAMP_STOP	POLE2 Ramp Stop
DO-P2_REM_CTRL ERLDC	POLE2 REMOTE CONTROL ERLDC
DO-D2 REM CTRL SRLDC	POLE2 REMOTE CONTROL SRLDC