

Appendix A: Status and Reason Codes

Device Status

The following table contains a list of device statuses. Each status is uniquely identified by two values: a numeric value that is used by the PowerNet Software and a text value that appears in the Status or Reason fields of the NetPower Configurator main window.

Short Description	Long Description	Meaning	Status Code
?	?	Status of the device is unknown	0
OPEN	Open	Device or breaker is open	1
CLOSED	Closed	Device or breaker is closed	2
TRIP	Trip	Device is tripped (protective)	3
ALARM	Alarm	Device is in a device-declared alarm condition	4
ON	On	Status of the input is On; Device is operational	5
OFF	Off	Status of the input is Off; Device is non-operational	6
READY	Ready	Device is in ready mode (device is ready to start)	7
PROGRAM	Program	Device is in Program mode	8
START	Start	Device is in Start mode (device is starting; this is a transition from READY to RUN)	9
RUN	Run	Device or motor is running	10
PGTRIP	Pgm Trip	Device is in Program Trip mode	11
ANTBS	Anti Back Spin	Device is in Anti-backspin mode	12
PANTBS	Pgm Anti Back Spin	Device is in Program anti-backspin mode	13
RAMALM	Ram Alarm	Device has a RAM error or alarm	14
PGMALM	Pgm Alarm	Device is in Program Alarm mode	15
STALM	Start Alarm	Device has a Start Alarm	16
WDEV	Wrong Device	Wrong device; Information received from the device contradicts what is programmed in DeviceServer (e.g.,	17

Short Description	Long Description	Meaning	Status Code
		the product code received from Device #3 indicates it is a Digitrip, however Device #3 is defined in DeviceServer as an IQ Data Plus)	
NREADY	Not Ready	Device is not ready	18
VALID	Valid Status	Device is valid	19
ACMNET	Acm Network	Communication link between ACM and subnetwork device has failed	20
STOP	Stop	Device or motor is stopped	21
LCKOUT	Lock Out	ACM Reduced Voltage Starter is in anti-recycle lockout state	22
PONILK	Poni Link Error	Communication link between ACM and Advantage PONI has failed	23
INVDLK	Invalid Link	Invalid communication link type	24
CONTRL	Control Issued	Device control issued	25
TRANS	Transition	Device is in a transition state	26
OK	Ok	Device has a status of OK	27
GOOD	Good	Device has a status of Good	28
GEN	Generator	Device has a Generator status	29
XFER	Transfer	Device has a status of Transferred	30
INVAL	Invalid Status	Device status is invalid	31
ALARM1	Alarm 1	Device is in an alarm 1 condition	32
ALARM2	Alarm 2	Device is in an alarm 2 condition	33
INACT	Inactive Status	Device is inactive	34
COMVER	Bad Comm Version	Device has the wrong communications version	35
NOT_ABLE	Status Not Able	Device is not able to perform function or command	36
NORMINAC	Normal Inactive	Device is in a normal state of inactivity	37
OPER	Operational	Device is operational	38
ABNORMI	Abnormal Inactive	Device is abnormally inactive	39
ABNORMA	Abnormal Active	Device is abnormally active	40
UNDEF	Undefined	Device status is undefined	41

Note that certain devices, such as the Addressable Relay and the Inverted Addressable Relay, have two inputs. The status of each input displays in its own status field.

Device Status Reasons

The following table contains a list of status reasons. A status reason designates why a device has a particular status. Each status reason is uniquely identified by two values: a numeric value and a text value. For information about correcting device problems, see the appropriate technical literature for the device.

Short Description	Long Description	Meaning	Status Reason Code
?	?	Reason is unknown	0
NORM	Normal	Device is in Normal operating mode	1
DABL	Disabled	IMPACC polling of the device is disabled (within IMPACC, the device is disabled from polling)	2
WDEV	Wrong Device	Wrong device (not the device for which the NetPower DeviceServer was configured)	3
NRES	Not Responding	Device is <i>not</i> communicating on the DeviceServer network. Check the following: <ul style="list-style-type: none">◆ That the cable connections, CONI card, or PONI installations are correct◆ That the address has been correctly entered in NetPower Configurator or physically set on the device◆ Whether the device has been shut off (it must be on)	4
RECP	Reception Error	Reception error (an INCOM message with an incorrect BCH was received); The device is communicating with the INCOM network but its responses are garbled	5
TXFL	Transmission Error	INCOM transmission failure - the CONI or MINT has failed	6
EXTT	External Trip	External trip—device status was caused by a command sent over INCOM	7
LDPU	Long Delay Pick Up	Device is in Long Delay pickup	8
LDT	Long Delay Trip	Device has tripped in the Long Delay portion of its trip curve	9
SDT	Short Delay Trip	Device has tripped in the Short Delay portion of its trip curve	10
INST	Instantaneous Trip	Device has tripped in the Instantaneous portion of its trip curve	11
DISC	Discriminator Trip	Device is in Discriminator mode	12

Short Description	Long Description	Meaning	Status Reason Code
GNDT	Ground Trip	Device tripped as a result of a ground fault	13
PLUG	Invalid Plug	Device has tripped due to a bad or missing rating plug	14
NPOW	Negative Power	Device is running with reverse (negative) power	15
ORID	Override Trip	Device is in override condition	16
TEST	Test	Device is in Test Trip mode	17
RAM	RAM	Device has a RAM failure	18
ROM	ROM	Device has a ROM failure	19
OV	Over Voltage	Device is in an over-voltage condition	20
UV	Under Voltage	Device is in under-voltage condition	21
PUBL	Phase Unbalance	Device is in Phase Unbalance condition	22
PLOS	Phase Loss	Device is in Phase Loss condition	23
PREV	Phase Reversal	Device is in Reverse Phase condition	24
I2T	I2T Trip	Device is in I ² T Trip condition	25
JAM	Jam Trip	Device is in Jam condition	26
UNLD	Under Load	Device is in Under-load condition	27
TBYP	Trip Bypass	Device is in Trip Bypass condition	28
REMT	Remote Trip	Device condition is the result of a non-IMPACC remote operation	29
MOBR	Motor Bearing Trip	Device condition is the result of motor bearing	30
LDBR	Load Bearing Trip	Device condition is the result of load bearing	31
ADCV	A to D Converter	Device has a problem with its A/D converter	32
RSEQ	Reverse Sequence	Device has a reverse sequence condition	33
ISEQ	Incomplete Sequence	Device has an incomplete sequence condition	34
OPTO	Opto	Device has an Opto-coupler problem	35
TRAN	Incomplete Transaction	Device condition is the result of an incomplete transition	36
FLAO	Overflow	Device is in Full Load Amp Overflow condition	37
BATT	Battery	Device battery failure	38
WTMP	Winding Temperature	Device condition is the result of winding temperature	39
BTMP	Bearing Temperature	Device condition is result of bearing temperature	40

Short Description	Long Description	Meaning	Status Reason Code
LTMP	Load Temperature	Device condition is the result of load-bearing temperature	41
I2TA	I2T Alarm	Device is in I ² T Alarm condition	42
STHR	Starts Per Hour	Device condition is the result of exceeding starts per hour	43
PHTD	Phase Time Delay	Device is in a Phase Time Delay condition	44
GTD	Ground Time Delay	Device is in Ground Time Delay condition	45
GNDI	Instantaneous Ground	Device is in Instantaneous Ground condition	46
CALB	Calibration	Device condition is the result of a calibration problem	47
UNCN	Disconnected	Device has been disconnected	48
PROT	Protective	A protective relay on the device has tripped	49
OVL	Overload	Device is in an overload condition	50
IG >	Ground High	Ground overcurrent (high ground current)	51
COIL	Coil Failed	Coil failure (current too low to close)	52
DMDA	Phase A Demand	Demand for Phase A is zero	53
DMDB	Phase B Demand	Demand for Phase B is zero	54
DMDC	Phase C Demand	Demand for Phase C is zero	55
ENGA	Phase A Energy	Energy for Phase A is negative	56
ENGB	Phase B Energy	Energy for Phase B is negative	57
ENG	Phase C Energy	Energy for Phase C is negative	58
TALY	Tally Error	Energy tally error (tally zeroed)	59
EROM	Erom Error	EEPROM error	60
TMP>	Temperature High	Over-temperature	61
POW1	Power Fail 1	Power failure first sample	62
POW2	Power Fail 2	Power failure second sample	63
LDTP	Long Delay Trip	Long Delay trip on phase current	64
SDTP	Short Delay Trip	Short Delay trip on phase current	65
INSP	Instantaneous Trip	Instantaneous trip on phase current	66
DISP	Discriminator Trip	Discriminator trip on phase current	67
LDTG	Long Delay Ground Trip	Long Delay trip on ground current	68
SDTG	Short Delay Ground	Short Delay trip on ground current	69

Short Description	Long Description	Meaning	Status Reason Code
	Trip		
INSG	Instantaneous Ground Trip	Instantaneous trip on ground current	70
DISG	Discriminator Ground Trip	Discriminator trip on ground current	71
ZINP	Zone Interlock Phase	Zone interlock on phase current	72
ZING	Zone Interlock Ground	Zone interlock on ground current	73
PGM	Program Mode	Device is in program mode	74
AEMM	AEM Malfunction	The AEM II has a malfunction	75
AEML	AEM Learning	The AEM II is presently in learn mode	76
AEMI	AEM Inactive	The AEM II is presently inactive	77
CMUM	CMU Malfunction	The CMU has a malfunction	78
CMUL	CMU Learning	The CMU is presently in learn mode	79
CMUI	CMU Inactive	The CMU is presently inactive	80
DIFF	Differential	Difference	81
AUXT	Auxiliary Temperature	The auxiliary temperature has exceeded the alarm threshold	82
BLKD	Blocked	Device operation blocked (i.e., no run permit signal present)	83
STRP	Soft Trip	A user initiated trip has occurred	84
OFRQ	Over Frequency	Device has an over frequency alarm	85
EMER	Emergency	Emergency	86
TRQL	Torque Limit	Device has a torque limit alarm	87
DECL	Deceleration	Device is in a decel alarm	88
NACK	Nack	The device has not acknowledged	89
WVER	Wrong Version	Wrong version of product communication	90
CEDM	CED Malfunction	The CED has a malfunction	91
CEDL	CED Learning	The CED is in Learn mode	92
CEDI	CED Inactive	The CED is inactive	93
N-NA	Network Not Available	Network is not available	94
OC	Over Current	The device is in an overcurrent alarm	95

Short Description	Long Description	Meaning	Status Reason Code
REG	Register Error	There is a problem with the microprocessor register	96
MULT	Multiply	Multiplication failure	97
DIV	Divide	Division failure	98
LOGC	Logic	Logic failure	99
ADD	addition	Addition failure	100
FLOT	High Floating Volt	Device is in a high floating voltage alarm	101
PSRC	Preferred Source	Preferred source is unavailable	102
UFRQ	Under Frequency	Device is in an under frequency alarm	103
EXER	Plant Exerciser	Plant Exerciser	104
NEUT	Neutral	Neutral	105
SET	Setpoint	Setpoint error	106
NONE	None	No error	107
SRC1	Source 1	Source 1 is available	108
SRC2	Source 2	Source 2 is available	109
STRT	Start	Test Started	110
MAN	Manual	Manual Transfer has occurred	111
SYNC	Synchronize	System synchronization	112
BIMM	BIM Malfunction	The BIM has a malfunction	113
BIML	BIM Learning	The BIM is in learn mode	114
BIMI	BIM Inactive	The BIM is inactive	115
TPOS	Trip Position	Trip	116
VNG>	Neutral Ground Overvoltage	Device is in neutral ground overvoltage alarm	117
ETRP	Emergency Trip	Emergency trip has occurred	118
L-PI	Phase I Loss	Device is in phase current loss alarm	119
L-PV	Phase V Loss	Device is in voltage loss alarm	120
ACT	Alarm Active	Alarm is active	121
INCM	INCOM	INCOM network active	122
PRNW	Phase Reversal	Device is in phase reversal alarm	123
RLPH	Rolled Phase	Device is in rolled phase alarm	124
V PU	Per Unit Voltage	Device is in per unit alarm	125
SNTP	Sensitive Trip	Sensitive Trip	126

Short Description	Long Description	Meaning	Status Reason Code
DENT	Deenergized	Breaker is de-energized	127
VRTP	Var Trip	Var trip	128
BKPM	Breaker Pumping	Breaker is pumping	129
ROBO	Remote Open Block Open	Open breaker and block open	130
NSTP	Non Sensitive Trip	Non-sensitive trip	131
OI	Over Current	Over current trip	132
HSWM	HW SW Mismatch	There is a hardware/software mismatch	133
DROP	Door Open	MPCV Network Protector door is open	134
WNWP	Water In MPCV	There is water is MPCV Network Protector	135
BKOP	Breaker Open	Breaker is open	136
DEDT	Deadman Timer	Deadman timer activated	137
TDST	Time Delayed Sensitive Trip	Time delayed sensitive trip occurred	138
SNSR	Sensor Profile Error	Could not read sensor relay	139
CLOK	Clock Error	RTC has failed	140
CKSM	Checksum Error	Incorrectly calculated checksum	141
STPT	Setpoint Error	Cannot read setpoints	142
FTO	Failed To Open	Breaker has failed to open	143
FTC	Failed To Close	Breaker has failed to close	144
AUX2	Auxiliary 2 Alarm	Auxiliary input 1 is in an alarm	145
AUX3	Auxiliary 3 Alarm	Auxiliary input 2 is in an alarm	146
AUX4	Auxiliary 4 Alarm	Auxiliary input 3 is in an alarm	147
COMM	Communication Error	Device communication error	148
ERAM	External Ram	The device has a RAM Error	149
WTRP	Watt Trip	A watt trip has occurred	150
TDWT	Time Delayed Watt Trip	A time delayed watt trip has occurred	151
OCWT	Over Current Watt Trip	An overcurrent watt trip has occurred	152
LSS2	Load Shed Source 2	Source 2 has shed it load	153
AREA	Area Protection	Area protection	154

Short Description	Long Description	Meaning	Status Reason Code
B-ON	Bypass On	Bypass is on	155
B0FF	Bypass Off	Bypass is off	156
NOST	No Submaster Status	Subnetwork master status is unknown	157
LEARN	Learning	Subnetwork master is learning its subnetwork	158
SUBNET	Subnetwork	Problem on the device subnetwork	159
ADDR	Address	Invalid address	160
PSWD	Password	Invalid password	161
BAD	Bad Frame	Breaker has a bad frame	162
MALF	Malfunction	Device has malfunctioned	163
FAIL	Failure	Device has failed	164
TAMPER	Tamper	Device has sensed that it has been tampered	165
SENSOR	Sensor	Sensor profile error	166
HL	High Load	Device is in high-load condition	167
LOCKOUT	Lockout	Lockout	168
SCANOFF	Scan Off	Device is not being scanned, because the Fast Status scan rate is off	169

