

DECS-100_18032006_AS BUILT.txt
 ***** BESTCOMS-DECS100 windows Software Version 1.05.00 *****
 DECS-100 Embedded Software Version: 2.13.01
 Date: 18. mars 2006
 Time: 10:47:12
 =====User Specified Information=====

***** System Configuration *****

Control Mode:	AVR (Auto)
Operating Status:	PF
Voltage Matching:	Off
Sensing Voltage Type:	Single Phase
Limiter Mode:	OEL
OEL Type:	Summing Point
Generator Frequency:	50 Hz
Regulator Sensing Voltage:	110 V
Regulator Sensing Current:	1 A
Generator PT Ratio:	100
Generator CT Ratio:	200
Bus PT Ratio:	100

***** Setting Adjustments *****

AVR Setpoint:	105 V
AVR Minimum Setpoint:	98,9 V
AVR Maximum Setpoint:	121,1 V
Fine Voltage Adjustment Band:	10%
Droop Setting:	3%
FCR Setpoint:	1 A
FCR Minimum Setpoint:	0 A
FCR Maximum Setpoint:	7 A
VAR Setpoint:	50%
Maximum Underexcited Setpoint:	-100%
Maximum Overexcited Setpoint:	100%
PF Setpoint:	0,98
Maximum Leading PF Setpoint:	-0,6
Maximum Lagging PF Setpoint:	0,6
Generator Voltage Soft Start Time:	10 sec
Voltage Matching Speed:	1 sec
Voltage Matching Disable:	52JK or 52LM
Voltage Matching Mode:	Revert
Underfrequency Setting - Corner Frequency:	47,5 Hz
Underfrequency Setting - Slope:	1 V/Hz

***** Control Gains *****

Stability Range:	21
AVR/FCR - Proportional Gain KP:	117
AVR/FCR - Integral Gain KI:	151,11
AVR/FCR - Derivative Gain KD:	24
AVR/FCR - Gain TD:	0,01
AVR - Loop Gain Kg:	100
FCR - Loop Gain Kg:	19
PF - Integral Gain KI:	1
VAR - Integral Gain KI:	1
VAR - Loop Gain Kg:	1
PF - Loop Gain Kg:	1
OEL - Integral Gain KI:	10
OEL - Loop Gain Kg:	10
UEL - Integral Gain KI:	10
UEL - Loop Gain Kg:	10

***** Protection Settings *****

OEL Current Level:	10 A
OEL Alarm Time Delay:	4 sec
OEL Shutdown:	Disabled
UEL Var Level:	10%
UEL Alarm Time Delay:	10 sec
UEL Shutdown:	Enabled
Field Overvoltage Level:	100 vdc

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Field Overvoltage Alarm:	Enabled
Field Overvoltage Shutdown:	Disabled
Loss of Sensing Voltage Option:	Shutdown Regulator
Loss of Sensing Time Delay:	4 sec
Loss of Sensing Hardware Shutdown:	Enabled
Generator Overvoltage Level:	112%
Generator Overvoltage Shutdown:	Disabled
Generator Overvoltage Alarm Time Delay:	3 sec
Generator Overvoltage Alarm:	Enabled

===== All settings were saved =====