

( *****					
TITU					
SISTEMA DE 34 BARRAS - SUL-SUDESTE					
( SISTEMA COMPLETO					
(=====					
( ASSOCIACAO DE ARQUIVO PARA SAIDA DE RELATORIOS ( opcao FILE )					
(=====					
ULOG					
4					
Sis34b.OUT					
(					
ULOG					
9					
Sis34b.LOG					
(					
(					
(=====					
( ASSOCIACAO DE ARQUIVO COM DADOS PARA PLOTAGEM					
(=====					
ULOG					
8					
(					
Sis34b.plt					
(					
(					
(					
(=====					
( DADOS DE OPCOES DEFAULT DE EXECUCAO					
(=====					
DOPC IMPR					
(Op) E (Op) E (Op) E (Op) E (Op) E (Op) E (Op) E (Op) E (Op) E (Op) E					
CONT L 80CO D FILE L					
999999					
(					
DCTE					
TABS 1.E-3					
999999					
(					
(=====					
( ASSOCIACAO DE ARQUIVO COM FLUXO DE POTENCIA ( ANAREDE )					
(=====					
ULOG					
2					
CONT_001.SAV					
(					
(=====					
( RESTABELECIMENTO DO CASO DE FLUXO DE POTENCIA					
(=====					

ARQV REST IMPR					
(2	CENARIO MEDIA	N->SUL	SUL->SUDESTE		
1	CENARIO MEDIA	N->SUL	SUL->SUDESTE		
(99					
(					
(=====					
( BANCO DE DADOS DE MAQUINAS E REGULADORES ( VERIFICAR ATUALIZA€OES )					
(=====					
(					
ULOG					
3					
C:\Users\Pablo\Desktop\tfc\Simulações\Sis34b.CDU					
ARQM IMPR					
(					
((=====					
( MODELOS DE GERADORES TIPO CLASSICO					
(=====					
(DMDG MD01					
((No)	(L'd)	(Ra)	(H)	(D)	(MVA)Fr C
(0100					( barra infinita )
((					
(9999999					
(					
(=====					
( MODELOS DE GERADORES COM POLOS SALIENTES					
(=====					
DMDG MD02					
(					
(..... UHE Itaipu 60 Hz					
(No)	(CS)	(Xd)	(Xq)	(X'd)	(X" d)(XI)(T'd) (T" d)(T" q)
001	001	94.9067	8.031.70	25.20	12.0 8.50 0.09 0.19
(No)	(Ra)	(H)	(D)	(MVA)Fr C	
001	5.389	737.	N		
((..... UHE Gov. Bento Munhoz					
(No)	(CS)	(Xd)	(Xq)	(X'd)	(X" d)(XI)(T'd) (T" d)(T" q)
002	002	91.8968	6.330.25	24.22	16.13 7.92 0.060.090
(No)	(Ra)	(H)	(D)	(MVA)Fr C	
002	4.439	419.	N		
(					
(..... UHE Salto Santiago					
(No)	(CS)	(Xd)	(Xq)	(X'd)	(X" d)(XI)(T'd) (T" d)(T" q)
003	003	91.7962	2.531.65	23.21	18.86 10.0 0.0400.130
(No)	(Ra)	(H)	(D)	(MVA)Fr C	
003	3.873	369.8	N		
(..... UHE Segredo e UHE ITA ( modelo provisorio )					
(No)	(CS)	(Xd)	(Xq)	(X'd)	(X" d)(XI)(T'd) (T" d)(T" q)
004	004	87.8556	6.124.51	19.86	10.35 7.59 0.070.170

(No)	(Ra)	(H)	(D)	(MVA)	Fr	C				
004	4.071	333.	N							
((..... UHE Itaipu 60 Hz -> SUDESTE										
(No)	(CS)	(Xd)	(Xq)	(X'd)	(X" d)	(XI)	(T'd)	(T" d)	(T"q)	
005	001	94.9067	8031.70	25.20	12.0	8.50	0.09	0.19		
(No)	(Ra)	(H)	(D)	(MVA)	Fr	C				
005	5.389	737.	N							
(										
	999999									
(										
(=====										
( DADOS DE CURVAS DE SATURACAO DAS MAQUINAS										
(=====										
(										
DCST										
(										
((..... UHE Itaipu 60 Hz										
(No)	T	( Y1 )	( Y2 )	( X1 )						
001	2	0.060	5.84	0.8						
((..... UHE Gov. Bento Munhoz										
(No)	T	( Y1 )	( Y2 )	( X1 )						
002	2	0.0220	7.874	0.8						
((..... UHE Salto Santiago										
(No)	T	( Y1 )	( Y2 )	( X1 )						
003	2	0.0460	6.300	0.8						
(										
((..... UHE Segredo										
(No)	T	( Y1 )	( Y2 )	( X1 )						
004	2	0.0147	7.098	0.8						
(										
	999999									
(=====										
( DADOS DE MAQUINAS E ASSOCIACAO DAS MAQUINAS AOS CONTROLES										
(=====										
DMAQ										
( Nb)	Mq	(P)	(Q)	Und	( Mg )	( Mt )	u( Mv )	u( Me )	u(Xvd)	( Nb)
01	10	100	100	2	001	001u	021u		01	
35	10	100	100	2	001	002u	022u		35	
36	10	100	100	2	001	003u	023u		36	
31	10	100	100	4	004	004u	024u		31	
32	10	100	100	4	004	005u	025u		32	
33	10	100	100	4	002	006u	026u		33	
34	10	100	100	1	004	007u	027u		34	
26	10	100	100	6	001	008u	028u		26	
(										
( Nb)	Mq	(P)	(Q)	Und	( Mg )	( Mt )	u( Mv )	u( Me )	u(Xvd)	( Nb)
(	01	10	100	100	2	001			01	
(	35	10	100	100	2	001			35	

(	36	10	100	100	2	001	36		
(	31	10	100	100	4	004	31		
(	32	10	100	100	4	004	32		
(	33	10	100	100	4	002	33		
(	34	10	100	100	1	004	34		
(	26	10	100	100	6	001	26		
(									
	999999								
(									
(									
=====									
( DADOS DE MONITORACAO									
=====									
(									
(									
DPLT									
(Tipo)M( El ) ( Pa) Nc Gp ( Br) Gr ( Ex) (BI) P (	Nome da Variável )								
DELT	01		10	34	10				
DELT	36		10	34	10				
DELT	35		10	34	10				
(DELT	34		10	34	10				
DELT	33		10	34	10				
DELT	32		10	34	10				
DELT	31		10	34	10				
DELT	26		10	34	10				
(Tipo)M( El ) ( Pa) Nc Gp ( Br) Gr ( Ex) (BI) P (	Nome da Variável )								
PACE	01		10						
PACE	36		10						
PACE	35		10						
PACE	34		10						
PACE	33		10						
PACE	32		10						
PACE	31		10						
PACE	26		10						
(Tipo)M( El ) ( Pa) Nc Gp ( Br) Gr ( Ex) (BI) P (	Nome da Variável )								
PGER	01								
PGER	36								
PGER	35								
PGER	34								
PGER	33								
PGER	32								
PGER	31								
PGER	26								
(Tipo)M( El ) ( Pa) Nc Gp ( Br) Gr ( Ex) (BI) P (	Nome da Variável )								
QGER	01								
QGER	36								
QGER	35								
QGER	34								

QGER	33					
QGER	32					
QGER	31					
QGER	26					
(Tipo)M( El ) ( Pa) Nc Gp ( Br) Gr ( Ex) (BI) P ( Nome da Variável )						
VOLT	01					
VOLT	36					
VOLT	35					
VOLT	34					
VOLT	33					
VOLT	32					
VOLT	31					
VOLT	26					
(Tipo)M( El ) ( Pa) Nc Gp ( Br) Gr ( Ex) (BI) P ( Nome da Variável )						
ANGL	01					
ANGL	36					
ANGL	35					
ANGL	34					
ANGL	33					
ANGL	32					
ANGL	31					
ANGL	26					
(						
(						
	999999					
(						
(						
(						
(=====						
( DADOS DE EVENTOS						
(=====						
DOPC IMPR						
FILE L						
	999999					
(						
(=====)						
DEVT IMPR						
(Tp) ( Tempo)( El ) ( Pa)Nc( Ex) ( % ) (ABS ) Gr Und (BI)P ( Rc ) ( Xc ) ( Bc ) (Defas)						
APCL	0.1	30	28	28	5	
RMCL	0.3	30	28			
ABCI	0.3	30	28			
	999999					
(						
(DCAR IMPR						
((tp) (no ) C (tp) (no ) C (tp) (no ) C (tp) (no ) O (A) (B) (C) (D) (Vfl)						
(AREA	1			0	75	0 100
(999999						
(						

(					
(					
DSIM					
( Tmax ) ( Stp ) ( P ) ( I )					
20. .003 13					
EXSI					
(=====					
( EXECUCAO DA SIMULACAO					
(=====					
(					
(=====					
( FIM DA SIMULACAO					
(=====					
FIM					