

ANEXO 1

CONDICIONES DE LA RED EN LOS CASOS BASES PARA LOS ESCENARIOS 2023 Y 2024

ESCENARIOS 2023

Demanda Máxima Diurna Época Seca 2023

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01
BASE DE DATOS REGIONAL INTEGRADA POR EOR
DEMANDA MAXIMA DIURNA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01
BASE DE DATOS REGIONAL INTEGRADA POR EOR
DEMANDA MEDIA

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE)

CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X	X----- TO BUS -----X	RATING SET A	RATING SET B	RATING SET C
BUS# X-- NAME --X BASKV AREA	BUS# X-- NAME --X BASKV AREA	CKT LOADING	RATING PERCENT	RATING PERCENT

* NONE *

Demanda Máxima Nocturna Época Seca 2023

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01
BASE DE DATOS REGIONAL INTEGRADA POR EOR
DEMANDA MAXIMA NOCTURNA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01
BASE DE DATOS REGIONAL INTEGRADA POR EOR
DEMANDA MAXIMA

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE)
CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X X----- TO BUS -----X RATING SET A RATING SET B RATING SET C
BUS# X-- NAME --X BASKV AREA BUS# X-- NAME --X BASKV AREA CKT LOADING RATING PERCENT RATING PERCENT RATING PERCENT

* NONE *

Demanda Mínima Época Seca 2023

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01

BASE DE DATOS REGIONAL INTEGRADA POR EOR

DEMANDA MINIMA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01

BASE DE DATOS REGIONAL INTEGRADA POR EOR

DEMANDA MINIMA

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE)

CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X X----- TO BUS -----X RATING SET A RATING SET B RATING SET C

BUS# X-- NAME --X BASKV AREA BUS# X-- NAME --X BASKV AREA CKT LOADING RATING PERCENT RATING PERCENT RATING PERCENT

* NONE *

Demanda Máxima Diurna Época Húmeda 2023

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA DIURNA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA NOCTURNA 1SEM 2024

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE)

CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X X----- TO BUS -----X RATING SET A RATING SET B RATING SET C

BUS# X-- NAME --X BASKV AREA BUS# X-- NAME --X BASKV AREA CKT LOADING RATING PERCENT RATING PERCENT RATING PERCENT

* NONE *

Demanda Máxima Nocturna Época Húmeda 2023

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA NOCTURNA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA NOCTURNA 1SEM 2024

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE) CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X X----- TO BUS -----X RATING SET A RATING SET B RATING SET C

BUS# X-- NAME --X BASKV AREA BUS# X-- NAME --X BASKV AREA CKT LOADING RATING PERCENT RATING PERCENT RATING PERCENT

* NONE *

Demanda Mínima Época Húmeda 2023

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01

BASE DE DATOS DE EL SALVADOR

DEMANDA MINIMA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:01

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA NOCTURNA 1SEM 2024

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE)

CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X X----- TO BUS -----X RATING SET A RATING SET B RATING SET C

BUS# X-- NAME --X BASKV AREA BUS# X-- NAME --X BASKV AREA CKT LOADING RATING PERCENT RATING PERCENT RATING PERCENT

* NONE *

ESCENARIOS 2024

Demanda Máxima Diurna Época Seca 2024

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA DIURNA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA DIURNA 1SEM 2024

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE)

CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X X----- TO BUS -----X RATING SET A RATING SET B RATING SET C

BUS# X-- NAME --X BASKV AREA BUS# X-- NAME --X BASKV AREA CKT LOADING RATING PERCENT RATING PERCENT RATING PERCENT

* NONE *

Demanda Máxima Nocturna Época Seca 2024

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA NOCTURNA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA DIURNA 1SEM 2024

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE)

CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X X----- TO BUS -----X RATING SET A RATING SET B RATING SET C

BUS# X-- NAME --X BASKV AREA BUS# X-- NAME --X BASKV AREA CKT LOADING RATING PERCENT RATING PERCENT RATING PERCENT

* NONE *

Demanda Mínima Época Seca 2024

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MINIMA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA DIURNA 1SEM 2024

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE)

CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X X----- TO BUS -----X RATING SET A RATING SET B RATING SET C

BUS# X-- NAME --X BASKV AREA BUS# X-- NAME --X BASKV AREA CKT LOADING RATING PERCENT RATING PERCENT RATING PERCENT

* NONE *

Demanda Máxima Diurna Época Húmeda 2024

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA DIURNA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA DIURNA 1SEM 2024

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE)

CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X X----- TO BUS -----X RATING SET A RATING SET B RATING SET C

BUS# X-- NAME --X BASKV AREA BUS# X-- NAME --X BASKV AREA CKT LOADING RATING PERCENT RATING PERCENT RATING PERCENT

* NONE *

Demanda Máxima Nocturna Época Húmeda 2024

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA NOCTURNA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA DIURNA 1SEM 2024

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE)

CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X X----- TO BUS -----X RATING SET A RATING SET B RATING SET C

BUS# X-- NAME --X BASKV AREA BUS# X-- NAME --X BASKV AREA CKT LOADING RATING PERCENT RATING PERCENT RATING PERCENT

* NONE *

Demanda Mínima Época Húmeda 2024

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MINIMA

BUSES WITH VOLTAGE GREATER THAN 1.0500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

BUSES WITH VOLTAGE LESS THAN 0.9500:

BUS# X-- NAME --X BASKV AREA V(PU) V(KV) BUS# X-- NAME --X BASKV AREA V(PU) V(KV)

* NONE *

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E WED, MAR 08 2023 14:05

BASE DE DATOS DE EL SALVADOR

DEMANDA MAXIMA DIURNA 1SEM 2024

OUTPUT FOR AREA 2 [EL SALVADOR]

SUBSYSTEM LOADING CHECK (INCLUDED: LINES; BREAKERS AND SWITCHES; TRANSFORMERS) (EXCLUDED: NONE)

CURRENT LOADINGS ABOVE 100.0 % OF RATING:

X----- FROM BUS -----X X----- TO BUS -----X RATING SET A RATING SET B RATING SET C

BUS# X-- NAME --X BASKV AREA BUS# X-- NAME --X BASKV AREA CKT LOADING RATING PERCENT RATING PERCENT RATING PERCENT

* NONE *