

## **APPENDIX H: Contingencies on the ISO System that may Impact Adjacent Systems**

2014-2015 ISO Transmission Planning Process  
Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **PG&E Bulk**



Contingency files: *Switch\_PGE\_Bulk.zip*

Contingency file location: *Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files*

No	Contingency	Category Description	Comments
1	CptJ_Olinda_ns_slo.swt	N-1	shunt capacitor insertion on Table Mtn and/or Malin if low voltages
2	CptJ_Olinda_sn_slo.swt	N-1	
3	Diablo-g2.swt	G-2	FACRI if low voltages
4	Malin-RndMt-dlo-ns-2400.swt	N-2	NW generation drop, insertion of shunt capacitors, removal of reactors
5	Malin-RoundMt-1-slo.swt	N-1	shunt capacitor insertion if low voltages
6	Malin-RoundMt-2-slo.swt	N-1	
7	LosBanosNorth-dlo-sn.swt	N-2	load and generation tripping
8	LosBanosNorth-dlo-sn_1.swt	N-2	load and generation tripping
9	LosBanosNorth-dlo-sn_5grp.swt	N-2	load and generation tripping
10	LosBanosSouth-dlo-sn_1.swt	N-2	load and generation tripping
11	LosBanosSouth-dlo-sn_2.swt	N-2	load and generation tripping
12	LosBanosSouth-dlo-sn_all.swt	N-2	load and generation tripping
13	MidwayNorth-dlo-sn.swt	N-2	load and generation tripping
14	NESE.swt	system separation	load and generation tripping, opening ties
15	PaloVerde-g2-OL-MA-RAS.swt	G-2	load tripping in Arizona
16	PaloVerde-g2-OL-MA-RAS_sn.swt	G-2	
17	PDCI-NS-bipolar-2700.swt	DC bi-pole	generation tripping, shunt capacitors insertion
18	PDCI-NS-bipolar-2700_19.swt		
19	PDCI-NS-bipolar-2700_19spr.swt		
20	PDCI-NS-bipolar-2700_24.swt		
21	PDCI-NS-bipolar-noRAS.swt		
22	PDCI-NS-monopolar.swt	DC-monopole	
23	RoundMt-TableMt-dlo-ns-2400.swt	N-2	generation tripping, shunt capacitors insertion
24	RoundMt-TableMt-dlo-ns-2400_19.swt	N-2	generation tripping, shunt capacitors insertion
25	RoundMt-TableMt-dlo-ns-2400_24.swt	N-2	generation tripping, shunt capacitors insertion
26	TableMtSouth-dlo-ns-2400.swt	N-2	generation tripping, shunt capacitors insertion
27	TableMtSouth-dlo-ns-2400_19.swt	N-2	generation tripping, shunt capacitors insertion
28	TableMtSouth-dlo-ns-2400_24.swt	N-2	generation tripping, shunt capacitors insertion

2014-2015 ISO Transmission Planning Process  
Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **PG&E Bulk**



**Contingency files:** *Switch\_PGE\_Bulk.zip*

**Contingency file location:** *Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files*

No	Contingency	Category Description	Comments
29	TeslaNorth-dlo-ns-2400.swt	N-2	generation tripping, shunt capacitors insertion

2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **PG&E Humboldt**



Contingency files: N/A

Contingency file location: Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
	None		

2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **PG&E North Coast & North Bay**



Contingency files: N/A

Contingency file location: Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
	None		

**2014-2015 ISO Transmission Planning Process**

**Contingencies on the ISO System which may impact Adjacent Systems**

**Study Area: PG&E North Valley**



**Contingency files:** See Contingency List

**Contingency file location:** Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
1	a3_B_2016_renum_FL.otg	Cat B	
2	a3_B_2019_renum_FL.otg	Cat B	
3	a3_B_2024_renum_FL.otg	Cat B	
4	a3_C1_2016_renum_FL.otg	Cat C	
5	a3_C1_2019_renum_FL.otg	Cat C	
6	a3_C1_2024_renum_FL.otg	Cat C	
7	a3_C2_2016_renum_FL.otg	Cat C	
8	a3_C2_2019_renum_FL.otg	Cat C	
9	a3_C2_2024_renum_FL.otg	Cat C	
10	a3_C3_2016_renum_FL.otg	Cat C	
11	a3_C3_2019_renum_FL.otg	Cat C	
12	a3_C3_2024_renum_FL.otg	Cat C	

**2014-2015 ISO Transmission Planning Process**

**Contingencies on the ISO System which may impact Adjacent Systems**

**Study Area:** **PG&E Central Valley**



**Contingency files:** See Contingency List

**Contingency file location:** Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
1	a5_B_2016_renum_FL.otg	Cat B	
2	a5_B_2019_renum_FL.otg	Cat B	
3	a5_B_2024_renum_FL.otg	Cat B	
4	a5_C1_2016_renum_FL.otg	Cat C	
5	a5_C1_2019_renum_FL.otg	Cat C	
6	a5_C1_2024_renum_FL.otg	Cat C	
7	a5_C2_2016_renum_FL.otg	Cat C	
8	a5_C2_2019_renum_FL.otg	Cat C	
9	a5_C2_2024_renum_FL.otg	Cat C	
10	a5_C3_2016_renum_FL.otg	Cat C	
11	a5_C3_2019_renum_FL.otg	Cat C	
12	a5_C3_2024_renum_FL.otg	Cat C	

**2014-2015 ISO Transmission Planning Process**

**Contingencies on the ISO System which may impact Adjacent Systems**

**Study Area:** **PG&E Greater Bay Area**



**Contingency files:** See contingency list

**Contingency file location:** Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
1	a18_B_2016.otg	Cat B	
2	a18_B_2019.otg	Cat B	
3	a18_B_2024.otg	Cat B	
4	a18_C1_2016.otg	Cat C	
5	a18_C1_2019.otg	Cat C	
6	a18_C1_2024.otg	Cat C	
7	a18_C2_2016.otg	Cat C	
8	a18_C2_2019.otg	Cat C	
9	a18_C2_2024.otg	Cat C	
10	a18_C5_2016.otg	Cat C	
11	a18_C5_2019.otg	Cat C	
12	a18_C5_2024.otg	Cat C	



**2014-2015 ISO Transmission Planning Process**

**Contingencies on the ISO System which may impact Adjacent Systems**

**Study Area: PG&E Greater Fresno**



**Contingency files:** See list below

**Contingency file location:** Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
1	a13-14_B_2016_redacted	B	
2	a13-14_B_2019_redacted	B	
3	a13-14_B_2024_redacted	B	
4	a13-14_C1_2016_redacted	C1	
5	a13-14_C1_2019_redacted	C1	
6	a13-14_C1_2024_redacted	C1	
7	a13-14_C2_2016	C2	
8	a13-14_C2_2019	C2	
9	a13-14_C2_2024	C2	
10	a13-14_C5_2016	C5	
11	a13-14_C5_2019	C5	
12	a13-14_C5_2024	C5	

2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **PG&E Kern**



Contingency files: N/A

Contingency file location: Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
	None		

2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **PG&E Central Coast**



Contingency files: N/A

Contingency file location: *Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files*

No	Contingency	Category Description	Comments
	None		

2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **PG&E Los Padres**



Contingency files: N/A

Contingency file location: *Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files*

No	Contingency	Category Description	Comments
	None		

**2014-2015 ISO Transmission Planning Process**  
**Contingencies on the ISO System which may impact Adjacent Systems**

**Study Area: SCE Bulk**



**Contingency files:** ContingencyList\_SCE\_Bulk-Metro.zip

**Contingency file location:** Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
1	Line MOENKOPI 500.0 to ELDORDO 500.0 Circuit 1	L-1	
2	Line PALOVRDE 500.0 to COLRIVER 500.0 Circuit 1	L-1	Blythe Energy RAS
3	Line LUGO 500.0 to VICTORVL 500.0 Circuit 1	L-1	
4	Line LUGO 500.0 to MOHAVE 500.0 Circuit 1	L-1	
5	Line MOHAVE 500.0 to ELDORDO 500.0 Circuit 1	L-1	
6	Line ELDORDO 500.0 to LUGO 500.0 Circuit 1	L-1	
7	Line DEVERS 500.0 to VALLEYSC 500.0 Circuit 1	L-1	West of Devers (WOD) RAS
8	Line DEVERS 500.0 to VALLEYSC 500.0 Circuit 2	L-1	West of Devers (WOD) RAS
9	Line DEVERS 500.0 to REDBLUFF 500.0 Circuit 1	L-1	Colorado Corridor RAS (future)
10	Line DEVERS 500.0 to REDBLUFF 500.0 Circuit 2	L-1	Colorado Corridor RAS (future)
11	Line COLRIVER 500.0 to REDBLUFF 500.0 Circuit 1	L-1	Colorado Corridor RAS (future)
12	Line COLRIVER 500.0 to REDBLUFF 500.0 Circuit 2	L-1	Colorado Corridor RAS (future)
13	Line SERRANO 500.0 to VALLEYSC 500.0 Circuit 1	L-1	Inland Impire RAS
14	Line N.GILA 500.0 to IMPRLVLY 500.0 Circuit 1	L-1	
15	Line MIDWAY 500.0 to VINCENT 500.0 Circuit 1	L-1	
16	Line MIDWAY 500.0 to VINCENT 500.0 Circuit 2	L-1	
17	Line MIDWAY 500.0 to WIRLWIND 500.0 Circuit 3	L-1	
18	Line LUGO 500.0 to VINCENT 500.0 Circuit 1	L-1	
19	Line LUGO 500.0 to VINCENT 500.0 Circuit 2	L-1	
20	Line DEVERS & 2 500.0 to VALLEYSC 500.0 Circuit 1	L-2	Colorado Corridor RAS (future)
21	Line DEVERS & 2 500.0 to REDBLUFF 500.0 Circuit 1	L-2	Colorado Corridor RAS (future)

2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **SCE Bulk**



Contingency files: ContingencyList\_SCE\_Bulk-Metro.zip

Contingency file location: Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
22	Line COLRIVER 500.0 to REDBLUFF 500.0 Circuit 1 & 2	L-2	Colorado Corridor RAS (future)
23	Line MIDWAY 500.0 to VINCENT 500.0 Circuit 1& 2	L-2	Path 26 RAS
24	Line MIDWAY 500.0 to VINCENT 500.0 Circuit 1& 3	L-2	Path 26 RAS
25	Line MIDWAY 500.0 to VINCENT 500.0 Circuit 2& 3	L-2	Path 26 RAS
26	Line LUGO 500.0 to VINCENT 500.0 Circuit 1 & 2	L-2	
27	Line SYLMAR S 230.0 to GOULD 230.0 Circuit 1 & Line EAGLROCK 230.0 to SYLMAR S 230.0 Circuit 1	L-2	
Multiple	L-1/L-1 combinations of above L-1 contingencies	L-1/L-1	Same as above depending on the contingency

2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **SCE Tehachapi & Big Creek Corridor**



Contingency files: N/A

Contingency file location: *Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files*

No	Contingency	Category Description	Comments
	None		

2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **SCE North of Lugo**



Contingency files: Reliab1415\_SCE-NOL\_Contingencies.zip

Contingency file location: Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
1	line_19_Line CONTROL - NEVBD501 55.0 ck 1	N-1	
2	line_20_Line CONTROL - NEVBD502 55.0 ck 1	N-1	
3	line_21_Line CONTROL - INYO 115.0 ck 1	N-1	
4	line_22_Line CONTROL - INYOKERN 115.0 ck 1	N-1	Bishop RAS - trips Bishop area generation
5	line_26_Line INYOKERN - KRAMER 115.0 ck 1	N-1	
6	line_29_line KRAMER-INYOKERN-RANDB 115 ck 1	N-1	Kramer RAS - trips partial or entire generation North of Kramer
7	line_46_line CONTROL-COSO-INYOKERN 115 ck 2	N-1	Bishop RAS - trips Bishop area generation
8	All common-mode and N-1-1 combinations that include the aforementioned facilities	N-2, Breaker failure, bus outages and N-1-1	



2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **SCE East of Lugo**



Contingency files: Reliab1415\_EOL-VEA\_Contingencies.zip

Contingency file location: Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency File

No	Contingency	Category Description	Comments
1	tran_67_Eldorado2 220/500-kV Tran Bnk 5 (future facility)	N-1	
2	line_84_Line ELDORDO 500.0 to LUGO 500.0 Circuit 1	N-1	
3	line_86_Line LUGO 500.0 to MOHAVE 500.0 Circuit 1	N-1	
4	line_87_Line MOHAVE 500.0 to ELDORDO 500.0 Circuit 1	N-1	
5	line_88_Line PISGAH 230.0 to ELDORDO 220.0 Circuit 2	N-1	
6	line_91_Line PISGAH 230.0 to CIMA 220.0 Circuit 1	N-1	
7	line_93_Line CIMA 230.0 to ELDORDO 220.0 Circuit 1	N-1	
8	line_108_Line PISGAH 230.0 to ELDORDO 220.0 Circuit	N-1	
9	line_109_Line CIMA 230.0 to ELDORDO 220.0 Circuit	N-1	
10	line_110_Line ELDORDO2 230.0 to BOB SS 220.0 Circuit	N-1	
11	tran_131_Tran ELDORDO 500.00 to ELDORDO 220.00 Circuit 1	N-1	
12	tran_132_Tran ELDORDO 500.00 to ELDORDO 220.00 Circuit 2	N-1	
13	All N-2 and N-1-1 combinations that include the aforementioned facilities	N-2, Breaker failure, bus outages and N-1-1	

2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **SCE Eastern area**



Contingency files: ContingencyList\_SCE\_Eastern.zip

Contingency file location: Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
1	Line PALOVRDE 500.0 to COLRIVER 500.0 Ckt 1	L-1	
2	Line DEVERS 500.0 to VALLEYSC 500.0 Ckt 1	L-1	West of Devers (WOD) RAS
3	Line DEVERS 500.0 to VALLEYSC 500.0 Ckt 2	L-1	West of Devers (WOD) RAS
4	Line DEVERS 500.0 to REDBLUFF 500.0 Ckt 1	L-1	Colorado Corridor RAS (future)
5	Line DEVERS 500.0 to REDBLUFF 500.0 Ckt 2	L-1	Colorado Corridor RAS (future)
6	Line COLRIVER 500.0 to REDBLUFF 500.0 Ckt1	L-1	Colorado Corridor RAS (future)
7	Line COLRIVER 500.0 to REDBLUFF 500.0 Ckt 2	L-1	Colorado Corridor RAS (future)
8	Line DEVERS - MIRAGE 230 kV Ckt 1	L-1	
9	Line DEVERS - MIRAGE 230 kV Ckt 2	L-1	
10	Line MIRAGE - RAMON 230 kV Ckt 1	L-1	
11	Line CVSUB230 - MIRAGE 230 kV Ckt 1	L-1	
12	Line J.HINDS - MIRAGE 230 kV	L-1	Blythe Energy RAS
13	Line JHINDMWD - EAGLEMTN 230 kV	L-1	Blythe Energy RAS
14	Line EAGLEMTN - IRON MTN 230 kV	L-1	Blythe Energy RAS
15	CAMINO - GENE - IRON MTN - MEAD 230 KV	L-1	Blythe Energy RAS
16	Line BLYTHESC - EAGLEMTN 161 kV	L-1	Blythe Energy RAS
17	Line PARKER 230.0 to GENE 230.0 Ckt 1	L-1	
18	GenTie Buck Blvd - J.Hinds	L-1	
19	BLYTHE CCGT OUTAGE	G-1	
20	Tran DEVERS 500/230 1AA Bank	T-1	
21	Tran DEVERS 500/230 2AA Bank	T-1	
22	J.HINDS 25MVAR Shunt Reactor	N-1	
23	Bus Tie Breaker JHINDMWD - J.HINDS 230 kV	C.2	Blythe Energy RAS
24	Line DEVERS 500.0 to VALLEYSC 500.0 Ckt 1 & 2	L-2	West of Devers (WOD) RAS
25	Line DEVERS 500.0 to REDBLUFF 500.0 Ckt 1 & 2	L-2	Colorado Corridor RAS (future)
26	Line COLRIVER 500.0 to REDBLUFF 500.0 Ckt 1 & 2	L-2	Colorado Corridor RAS (future)
27	Line DEVERS - MIRAGE 230 kV Ckt 1 & 2	L-2	
Multiple	N-1/N-1 combinations of above N-1 contingencies	N-1/N-1	Same as above depending on the contingency

2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **SCE Metro**



**Contingency files:** ContingencyList\_SCE\_Bulk-Metro.zip

**Contingency file location:** Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
	See contingency list for SCE Bulk system.		

2014-2015 ISO Transmission Planning Process

Contingencies on the ISO System which may impact Adjacent Systems

Study Area: **Valley Electric Association**



**Contingency files:** Reliab1415\_EOL-VEA\_Contingencies.zip

**Contingency file location:** Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
1	line_1_NWEST -DESERT VIEW -INNOVATION 230-kV Ckt. 1	N-1	
2	line_2_JACKASSF -LTHRPWLS 138 Ckt. 1	N-1	
3	line_3_MEAD S -BOB SS 230 Ckt. 1	N-1	
4	line_4_ELDORDO2 -BOB SS 230 Ckt. 1	N-1	
5	line_5_PAHRUMP -CRAZY EYE SS 230 Ckt. 1	N-1	
6	line_6_CRAZY EYE SS -BOB SS 230 Ckt. 1	N-1	
7	line_8_PAHRUMP -INNOVATION 230 Ckt. 1	N-1	
8	line_9_AMARGOSA -SANDY 138 Ckt. 1	N-1	
9	line_22_INNOVATION -MERCRYSW 138 Ckt. 1	N-1	
10	tran_65_PAHRUMP 138/230-kV Tran Bnk 1	N-1	
11	tran_66_PAHRUMP 138/230-kV Tran Bnk 2	N-1	
12	All common-mode and N-1-1 combinations that include the aforementioned facilities	N-2, Breaker failure, bus outages and N-1-1	

**2014-2015 ISO Transmission Planning Process**  
**Contingencies on the ISO System which may impact Adjacent Systems**

**Study Area: San Diego Area**



**Contingency files:** Reliab\_SDGE\_Contingency File

**Contingency file location:** Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
1	Line From 15021 PALOVRDE to 24900 COLRIVER 500 kV Ckt 1	L-1	
2	Line From 22536 N.GILA to 22360 IMPRLVLY 500 kV Ckt #1	L-1	
3	Line From 22930 ECO to 22468 MIGUEL 500 kV Ckt #1	L-1	IV Gen Shedding SPS
4	Line From 23310 OCOTILLO To 22885 SUNCREST 500 kV Ckt #1	L-1	IV Gen Shedding SPS
5	Line From 22360 IMPRLVLY to 22930 ECO 500 kV Ckt #1	L-1	IV Gen Shedding SPS
6	Line From 22360 IMPRLVLY to 23310 OCOTILLO 500 kV Ckt #1	L-1	IV Gen Shedding SPS
7	Line From Sunrest To Sycamore 230 kC Ckt #1	L-1	
8	Line From Sunrest To Sycamore 230 kC Ckt #2	L-1	
9	Line From 22609 OTAYMESA To 20149 TJI-230 230 Ckt #1	L-1	
10	TL23050 From IMPRLVLY To 20118 ROA-230 Ckt #1	L-1	
11	Transformer Miguel 500/230 kV Bank 80	T-1	IV Gen Shedding SPS
12	Transformer Miguel 500/230 kV Bank 81	T-1	IV Gen Shedding SPS
13	Transformer Suncrest 500/230 kV Bank 80	T-1	
14	Transformer Suncrest 500/230 kV Bank 81	T-1	
15	TDM Power PLANT	G-1	
16	Otay Mesa Power PLANT	G-1	
17	TDM Power PLANT - AND - Line From 22536 N.GILA to 22360 IMPRLVLY 500 kV Ckt #1	G-1/L-1	
18	Otay Mesa Power PLANT - AND - Line From 22536 N.GILA to 22360 IMPRLVLY 500 kV Ckt #1	G-1/L-1	
19	Otay Mesa Power PLANT - AND - Line From 22930 ECO to 22468 MIGUEL 500 kV Ckt #1	G-1/L-1	IV Gen Shedding SPS
20	Otay Mesa Power PLANT - AND - Line From 22360 IMPRLVLY to 22930 ECO 500 kV Ckt #1	G-1/L-1	IV Gen Shedding SPS
21	Otay Mesa Power PLANT - AND - Line From 23310 OCOTILLO To 22885 SUNCREST 500 kV Ckt #1	G-1/L-1	IV Gen Shedding SPS
22	Otay Mesa Power PLANT - AND - Line From 22360 IMPRLVLY to 23310 OCOTILLO 500 kV Ckt #1	G-1/L-1	IV Gen Shedding SPS
23	Line From 15021 PALOVRDE to 24900 COLRIVER 500 kV Ckt 1--AND--Line From 22536 N.GILA to 22360 IMPRLVLY 500 kV Ckt #1	L-1-1	
24	Line From 22930 ECO to 22468 MIGUEL 500 kV Ckt #1--AND--Line From 23310 OCOTILLO To 22885 SUNCREST 500 kV Ckt #1	L-1-1	IV Gen Shedding SPS and possible cross tripping the tie with CFE

**2014-2015 ISO Transmission Planning Process**  
**Contingencies on the ISO System which may impact Adjacent Systems**

**Study Area: San Diego Area**



**Contingency files:** Reliab\_SDGE\_Contingency File

**Contingency file location:** Market Participant Portal ->Transmission Planning ->2014/2015 ISO Transmission Planning Process ->Contingency Files

No	Contingency	Category Description	Comments
25	Line From 22930 ECO to 22468 MIGUEL 500 kV Ckt #1--AND--Line From 22360 IMPRLVLY to 23310 OCOTILLO 500 kV Ckt #1	L-1-1	IV Gen Shedding SPS and possible cross tripping the tie with CFE
26	Line From 22360 IMPRLVLY to 22930 ECO 500 kV Ckt #1--AND--Line From 23310 OCOTILLO To 22885 SUNCREST 500 kV Ckt #1	L-1-1	IV Gen Shedding SPS and possible cross tripping the tie with CFE
27	Line From 22360 IMPRLVLY to 22930 ECO 500 kV Ckt #1--AND--Line From 22360 IMPRLVLY to 23310 OCOTILLO 500 kV Ckt #1	L-1-1	IV Gen Shedding SPS and possible cross tripping the tie with CFE
28	Line From 22360 IMPRLVLY to 22930 ECO 500 kV Ckt #1--AND--Line From 23310 OCOTILLO To 22885 SUNCREST 500 kV Ckt #1	L-1-1	IV Gen Shedding SPS and possible cross tripping the tie with CFE
29	Line From 22536 N.GILA to 22360 IMPRLVLY 500 kV Ckt #1--AND--Line From 22930 ECO to 22468 MIGUEL 500 kV Ckt #1	L-1-1	IV Gen Shedding SPS
30	Line From 22536 N.GILA to 22360 IMPRLVLY 500 kV Ckt #1--AND--Line From 23310 OCOTILLO To 22885 SUNCREST 500 kV Ckt #1	L-1-1	IV Gen Shedding SPS
31	Line From 22536 N.GILA to 22360 IMPRLVLY 500 kV Ckt #1--AND--Line From 22360 IMPRLVLY to 22930 ECO 500 kV Ckt #1	L-1-1	IV Gen Shedding SPS
32	Line From 22536 N.GILA to 22360 IMPRLVLY 500 kV Ckt #1--AND--Line From 22360 IMPRLVLY to 23310 OCOTILLO 500 kV Ckt #1	L-1-1	IV Gen Shedding SPS
33	Line From 22609 OTAYMESA To 22464 MIGUEL 230 kV Ckt #1-- AND -- Line From 22609 OTAYMESA To 22464 MIGUEL 230 kV Ckt #2	L-2	Otay Mesay and Pio Pico Gen Tripping SPS