

**Feasibility Index Calculations for Summer - All Load & Hydro Scenarios - All Combinations of 1, 2, or 3 Suppliers Withdrawn
(Calculated FI Adjusted to be Negative in Hours Where Load is Curtailed in Constraint Zone)**

Candidate Path ↓ No. of Suppliers Withdrawn ¹ →	Minimum of Negative Calculated FI ²				Percent of Hours with Negative FI ³				Number of Hours with Negative FI ⁴			
	0	1	2	3	0	1	2	3	0	1	2	3
Bogue Area Import			-0.11	-0.14	0.0%	0.0%	0.0%	0.8%	0	0	3	77
Colgate 60 kV	-0.36	-0.76	-1.29	-1.31	0.1%	1.1%	4.9%	11.1%	7	98	458	1,034
Humboldt Bank					0.0%	0.0%	0.0%	0.4%	0	0	0	34
Humboldt Import	-0.01	-0.01	-0.01	-0.01	0.1%	0.2%	0.2%	0.7%	5	23	22	65
Imperial Valley Bank					0.0%	0.0%	0.0%	0.1%	0	0	0	7
Llagas to Gilroy				-0.08	0.0%	0.0%	0.0%	0.6%	0	0	0	55
Metcalf to El Patio					0.0%	0.0%	0.0%	0.4%	0	0	0	34
Metcalf to Morgan Hill				-0.04	0.0%	0.0%	0.0%	0.4%	0	0	0	35
Miguel Import			-0.07	-0.18	0.0%	0.0%	0.1%	1.3%	0	0	11	117
Miguel Max Import				-0.12	0.0%	0.0%	0.0%	0.6%	0	0	0	52
MiraLoma Bank					0.0%	0.0%	0.0%	0.2%	0	0	0	20
Monta Vista - Jefferson			-0.01	0.00	0.0%	0.0%	0.0%	0.4%	0	0	2	37
Moss Landing to Metcalf			-0.32	-0.32	0.0%	0.0%	0.4%	2.0%	0	0	35	182
North Geysers Import			-0.03	-0.03	0.0%	0.0%	0.2%	1.0%	0	0	18	92
North of Martin					0.0%	0.0%	0.0%	0.4%	0	0	0	34
Oakland 115kV		-0.06	-0.09	-0.10	0.0%	0.2%	1.0%	2.3%	0	16	89	214
Palermo - Colgate					0.0%	0.0%	0.0%	0.4%	0	0	0	34
Palermo 115kV		-0.04	-0.32	-0.36	0.0%	0.0%	0.6%	2.5%	0	1	52	235
Pittsburg Transformers			-0.01	-0.01	0.0%	0.0%	0.1%	0.4%	0	0	6	39
Pittsburg to San Mateo_E. Shore					0.0%	0.0%	0.0%	0.4%	0	0	0	34
Ravenswood Cutplane					0.0%	0.0%	0.0%	0.4%	0	0	0	34
Ravenswood to San Mateo		-0.26	-0.44	-0.45	0.0%	0.4%	2.7%	7.1%	0	37	247	655
Sobrante - Grizzly - Claremont					0.0%	0.0%	0.0%	0.4%	0	0	0	34
South of Lugo				-0.09	0.0%	0.0%	0.0%	0.4%	0	0	0	39
Table Mt - Rio Oso				-0.01	0.0%	0.0%	0.0%	0.4%	0	0	0	34
Table Mt - Rio Oso & Palermo				-0.01	0.0%	0.0%	0.0%	0.4%	0	0	0	34
Tesla - Manteca					0.0%	0.0%	0.0%	0.4%	0	0	0	34
Tesla Banks 6 & 4					0.0%	0.0%	0.0%	0.4%	0	0	0	34
Tesla to Delta Switchyard			-0.20	-0.26	0.0%	0.0%	0.4%	1.8%	0	0	33	163
Tesla to Pittsburg			-0.48	-0.54	0.0%	0.0%	1.1%	4.9%	0	0	104	454

1. Values 0 - 3 indicate the number of supplier portfolios withdrawn for simulation runs.
2. Column values reflect minimum calculated FI for all combinations of seven suppliers withdrawn 1, 2, and 3 at a time. Blank cells indicate all calculated FI values were non-negative so there were no negative calculated FIs to report. Cell value of 0.00 indicates negative value was less in magnitude than 0.005.
3. Total number of simulated hours is calculated as: 24 hours x 3 load scenarios x 3 hydro scenarios x 43 supplier combinations = 9,288 hours.
4. See footnote 3.

**Feasibility Index Calculations for Spring - All Load & Hydro Scenarios - All Combinations of 1, 2, or 3 Suppliers Withdrawn
(Calculated FI Adjusted to be Negative in Hours Where Load is Curtailed in Constraint Zone)**

Candidate Path ↓ No. of Suppliers Withdrawn ¹ →	Minimum of Negative Calculated FI ²				Percent of Hours with Negative FI ³				Number of Hours with Negative FI ⁴			
	0	1	2	3	0	1	2	3	0	1	2	3
Bogue Area Import			-0.10	-0.15	0.0%	0.0%	0.0%	0.2%	0	0	3	17
Colgate 60 kV	-0.32	-0.97	-1.34	-1.38	0.1%	0.6%	2.2%	4.4%	5	55	200	409
Humboldt Bank					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Humboldt Import					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Imperial Valley Bank					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Llagas to Gilroy					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Metcalf to El Patio					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Metcalf to Morgan Hill					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Miguel Import					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Miguel Max Import					0.0%	0.0%	0.0%	0.0%	0	0	0	0
MiraLoma Bank					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Monta Vista - Jefferson					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Moss Landing to Metcalf			-0.20	-0.23	0.0%	0.0%	0.2%	0.9%	0	0	18	82
North Geysers Import					0.0%	0.0%	0.0%	0.0%	0	0	0	3
North of Martin					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Oakland 115kV			-0.02	-0.04	0.0%	0.0%	0.2%	0.6%	0	0	14	55
Palermo - Colgate					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Palermo 115kV		-0.03	-0.31	-0.36	0.0%	0.0%	0.2%	0.9%	0	1	23	88
Pittsburg Transformers					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Pittsburg to San Mateo_E. Shore					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Ravenswood Cutplane					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Ravenswood to San Mateo		-0.18	-0.36	-0.36	0.0%	0.3%	1.6%	3.5%	0	27	150	327
Sobrante - Grizzly - Claremont					0.0%	0.0%	0.0%	0.0%	0	0	0	3
South of Lugo					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Table Mt - Rio Oso					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Table Mt - Rio Oso & Palermo					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Tesla - Manteca					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Tesla Banks 6 & 4					0.0%	0.0%	0.0%	0.0%	0	0	0	3
Tesla to Delta Switchyard			-0.19	-0.24	0.0%	0.0%	0.3%	1.2%	0	0	27	111
Tesla to Pittsburg			-0.42	-0.48	0.0%	0.0%	0.6%	2.4%	0	0	52	222

1. Values 0 - 3 indicate the number of supplier portfolios withdrawn for simulation runs.
2. Column values reflect minimum calculated FI for all combinations of seven suppliers withdrawn 1, 2, and 3 at a time. Blank cells indicate all calculated FI values were non-negative so there were no negative calculated FIs to report. Cell value of 0.00 indicates negative value was less in magnitude than 0.005.
3. Total number of simulated hours is calculated as: 24 hours x 3 load scenarios x 3 hydro scenarios x 43 supplier combinations = 9,288 hours.
4. See footnote 3.

**Feasibility Index Calculations for Summer - All Load & Hydro Scenarios - All Combinations of 1, 2, or 3 Suppliers Withdrawn
(No Adjustment to Calculated FI When Load is Curtailed in Constraint Zone)**

Candidate Path ↓ No. of Suppliers Withdrawn ¹ →	Minimum of Negative Calculated FI ²				Percent of Hours with Negative FI ³				Number of Hours with Negative FI ⁴			
	0	1	2	3	0	1	2	3	0	1	2	3
Bogue Area Import		-0.76	-0.11	-0.14	0.0%	1.1%	0.0%	0.8%	0	98	3	76
Colgate 60 kV	-0.36	0.00	-1.29	-1.31	0.1%	0.0%	4.9%	11.1%	7	0	458	1,034
Humboldt Bank		-0.01			0.0%	0.2%	0.0%	0.0%	0	23	0	0
Humboldt Import	-0.01		-0.01	-0.01	0.1%	0.0%	0.2%	0.3%	5	0	22	31
Imperial Valley Bank					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Llagas to Gilroy				-0.08	0.0%	0.0%	0.0%	0.2%	0	0	0	21
Metcalf to El Patio					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Metcalf to Morgan Hill				-0.04	0.0%	0.0%	0.0%	0.0%	0	0	0	4
Miguel Import			-0.07	-0.18	0.0%	0.0%	0.1%	1.3%	0	0	11	117
Miguel Max Import				-0.12	0.0%	0.0%	0.0%	0.5%	0	0	0	51
MiraLoma Bank					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Monta Vista - Jefferson			-0.01	0.00	0.0%	0.0%	0.0%	0.0%	0	0	2	3
Moss Landing to Metcalf			-0.32	-0.32	0.0%	0.0%	0.4%	1.7%	0	0	35	160
North Geysers Import			-0.03	-0.03	0.0%	0.0%	0.2%	0.6%	0	0	18	59
North of Martin		-0.06			0.0%	0.2%	0.0%	0.0%	0	16	0	0
Oakland 115kV			-0.09	-0.10	0.0%	0.0%	1.0%	2.0%	0	0	89	183
Palermo - Colgate		-0.04			0.0%	0.0%	0.0%	0.0%	0	1	0	0
Palermo 115kV			-0.32	-0.36	0.0%	0.0%	0.6%	2.5%	0	0	52	235
Pittsburg Transformers			-0.01	-0.01	0.0%	0.0%	0.1%	0.1%	0	0	6	5
Pittsburg to San Mateo_E. Shore					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Ravenswood Cutplane		-0.26			0.0%	0.4%	0.0%	0.0%	0	37	0	0
Ravenswood to San Mateo			-0.44	-0.45	0.0%	0.0%	2.7%	6.8%	0	0	247	633
Sobrante - Grizzly - Claremont					0.0%	0.0%	0.0%	0.0%	0	0	0	0
South of Lugo				-0.09	0.0%	0.0%	0.0%	0.2%	0	0	0	21
Table Mt - Rio Oso				-0.01	0.0%	0.0%	0.0%	0.0%	0	0	0	1
Table Mt - Rio Oso & Palermo				-0.01	0.0%	0.0%	0.0%	0.0%	0	0	0	1
Tesla - Manteca					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Tesla Banks 6 & 4					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Tesla to Delta Switchyard			-0.20	-0.26	0.0%	0.0%	0.4%	1.5%	0	0	33	136
Tesla to Pittsburg			-0.48	-0.54	0.0%	0.0%	3.2%	10.0%	0	0	104	432

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	0	1	2	3	0	1	2	3	0	1	2	3
Bogue Area Import			-0.10	-0.15	0.0%	0.0%	0.0%	0.2%	0	0	3	17
Colgate 60 kV	-0.32	-0.97	-1.34	-1.38	0.1%	0.6%	2.2%	4.4%	5	55	200	409
Humboldt Bank					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Humboldt Import					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Imperial Valley Bank					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Llagas to Gilroy					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Metcalf to El Patio					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Metcalf to Morgan Hill					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Miguel Import					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Miguel Max Import					0.0%	0.0%	0.0%	0.0%	0	0	0	0
MiraLoma Bank					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Monta Vista - Jefferson					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Moss Landing to Metcalf			-0.20	-0.23	0.0%	0.0%	0.2%	0.9%	0	0	18	82
North Geysers Import					0.0%	0.0%	0.0%	0.0%	0	0	0	0
North of Martin					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Oakland 115kV			-0.02	-0.04	0.0%	0.0%	0.2%	0.6%	0	0	14	53
Palermo - Colgate					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Palermo 115kV		-0.03	-0.31	-0.36	0.0%	0.0%	0.2%	0.9%	0	1	23	88
Pittsburg Transformers					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Pittsburg to San Mateo_E. Shore					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Ravenswood Cutplane					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Ravenswood to San Mateo		-0.18	-0.36	-0.36	0.0%	0.3%	1.6%	3.5%	0	27	150	327
Sobrante - Grizzly - Claremont					0.0%	0.0%	0.0%	0.0%	0	0	0	0
South of Lugo					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Table Mt - Rio Oso					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Table Mt - Rio Oso & Palermo					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Tesla - Manteca					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Tesla Banks 6 & 4					0.0%	0.0%	0.0%	0.0%	0	0	0	0
Tesla to Delta Switchyard			-0.19	-0.24	0.0%	0.0%	0.3%	1.2%	0	0	27	111
Tesla to Pittsburg			-0.42	-0.48	0.0%	0.0%	0.6%	2.4%	0	0	52	222

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