



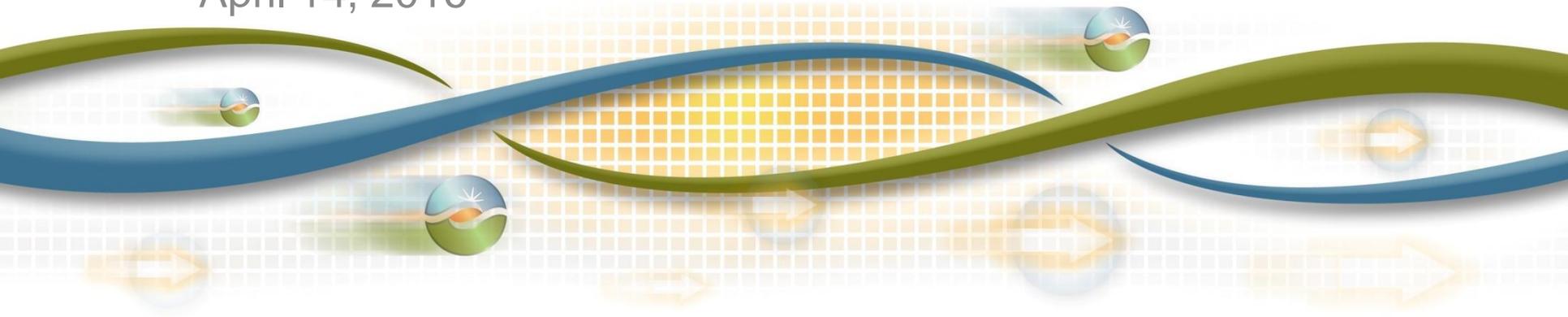
2017 Final LCR Study Results Big Creek/Ventura Local Area

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Stakeholder Call

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Big Creek/Ventura Area Loads & Resources

Load

Year	Load (MW)	AEEE (MW)	Pump Load (MW)	Transmission Losses (MW)	Total (MW)
2017	4377	-78	369	51	4719

Available Generation

Year	QF (MW)	Muni (MW)	Market (MW)	Max. Qualifying Capacity (MW)
2017	171	372	4920	5463

Critical Area Contingencies

Rector Sub-area – Category B

Contingency: Vestal-Rector #1 or #2 230 kV line with Eastwood out of service

Limiting component: Remaining Vestal-Rector 230 kV line

2017 LCR need: 513 MW (include 1 MW of QF generation)

Rector Sub-area – Category C

Same as above.

Critical Area Contingencies

Vestal Sub-area – Category B

Contingency: Magunden-Vestal #1 or #2 230 kV line with Eastwood out of service

Limiting component: Remaining Magunden-Vestal 230 kV line
2017 LCR need: 715 MW (includes 46 MW of QF generation)

Vestal Sub-area – Category C

Same as above.

Critical Area Contingencies

Santa Clara Sub-area – Category C

Contingency: Pardee-S. Clara 230 kV line followed by DCTL

Moorpark-S. Clara #1 and #2 230 kV lines

Limiting component: Voltage collapse

2017 LCR need: 227 MW (includes 90 MW of QF generation)

2021 LCR need: 253 MW (includes 90 MW of QF generation)

Santa Clara Sub-area – Category B

No requirement.

Critical Area Contingencies

Moorpark Sub-area – Category C

Contingency: Pardee-Moorpark #3 230 kV line followed by DCTL
Pardee-Moorpark #1 and #2 230 kV lines

Limiting component: Voltage collapse

2017 LCR need: 511 MW (includes 119 MW of QF generation)

2021 LCR need: 492 MW (includes 119 MW of QF generation)

Moorpark Sub-area – Category B

No requirement.

Critical Area Contingencies

Big Creek/Ventura Overall – Category B

Contingency: Sylmar-Pardee #1 or #2 230 kV line with Ormond #2
out of service

Limiting component: Remaining Sylmar-Pardee 230 kV line

2017 LCR need: 1,841 MW (includes 543 MW of QF and Muni)

Big Creek/Ventura Overall – Category C

Contingency: Sylmar-Pardee #1 or #2 230 kV line followed by
Lugo-Victorville 500 kV or vice versa

Limiting component: Remaining Sylmar-Pardee 230 kV line

2017 LCR need: 2,057 MW (includes 543 MW of QF and Muni)

Changes

Since last year:

- 1) 2017 load forecast is down by 87 MW vs. 2016.
- 2) Overall LCR is down by 341 MW.

Since last stakeholder meeting:

- 1) Updated NQC
- 2) Updated 2017 LCR results for Santa Clara and Moorpark due to long-term shutdown of the Las Flores Canyon Cogeneration Facility (<http://www.sbcountyplanning.org/energy/projects/exxon.asp>)
- 3) Added preliminary 2021 LCR results for Santa Clara and Moorpark areas due to ongoing procurement activity

Your comments and questions are welcome.

For written comments, please send to: RegionalTransmission@caiso.com