

Local Capacity Requirements (LCR) for Year 2009

Summary of Findings



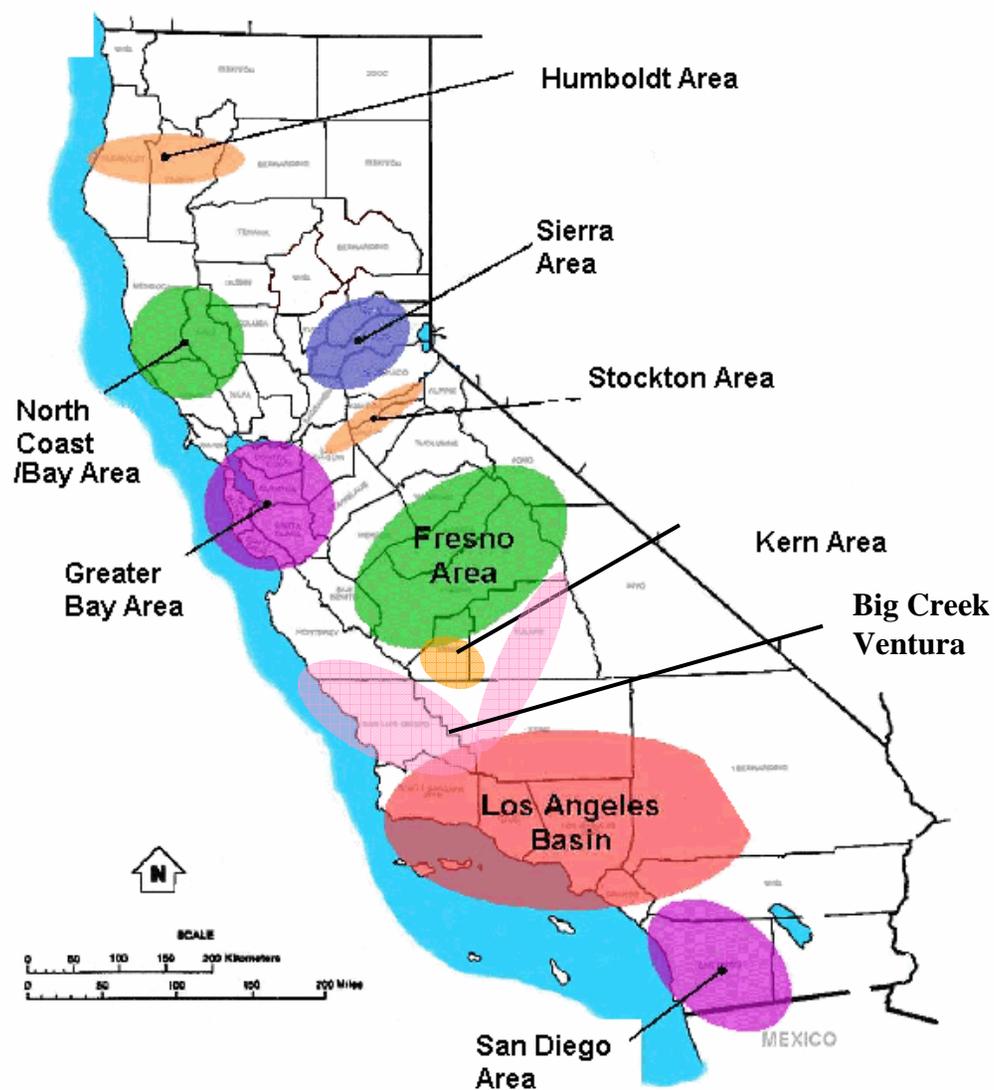
LCR Stakeholder Meeting, April 10th, 2008, Folsom CA



California ISO
Your Link to Power

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LCR Areas within CAISO



Input Assumptions, Methodology and Criteria

The 2009 LCR Study results are based upon study assumptions, methodology and criteria previously developed through stakeholder meetings as well as LCR Study Advisory Group (LSAG). The latest information allong with the 2009 LCR Manual can be found at: <http://www.caiso.com/18a3/18a3d40d1d990.html>).

Transmission system configuration – all-projects with EDRO up to June 1, 2009

Generation – all-generation with COD up to June 1, 2009

Load Forecast – 1 in 10 local area peak (based on latest CEC forecast)

Criteria – see report for details

Methodology

1. Maximize Imports Capability into the local area
2. Maintain path flows
3. Maintain deliverability for deliverable units
4. Load pocket – fix definition
5. Performance levels B & C (if equal category B is most stringent)

Major Changes from last year studies

1. **Updated NQC data.**
2. **The Report includes Major Projects that impact LCR**
3. **The Report includes written explanation for changes in results from last year study**
4. **All presentations include changes since our last meeting**
5. **Sierra Area LCR is increased however the procurement will decrease due to a new project.**
6. **Stockton and Kern Area LCR are decreasing mainly because of updated models.**
7. **Big Creek Ventura LCR is decreasing mainly because of new transmission projects.**
8. **Humboldt, North Coast/North Bay, Fresno and San Diego Area LCR are increasing mainly because of load growth.**
9. **Bay Area and LA Basin Area LCR are slightly increasing because of a combination of new transmission projects and load growth.**

Sub-area requirements

The purpose of this report is to provide detailed local procurement information. As in the past there is no CPUC enforcement of sub-area requirements. However in order to minimize CAISO back-stop procurement role, each local area's overall requirement has to be procured in a fashion that satisfies all of the sub-area requirements as well.

The role of sub-area requirements:

Because each individual sub-area is a part of the interconnected electric system, the total for each local area is not simply a summation of the sub-area requirements (i.e., the sum of the parts does not necessarily equal the sum of the whole). For example, some sub-areas may overlap and therefore the same units can be counted toward both sub-area requirements. Of course some sub-areas requirements are directly counted toward the total requirements of a bigger local sub-area or the overall area. Other times the area has an overall requirement that exceeds the sum of the sub-area requirements. Each area is unique and detail analysis is provided in the report and each area's presentation.

Total 2009 LCR

Local Area Name	Qualifying Capacity			2009 LCR Need Based on Category B			2009 LCR Need Based on Category C with operating procedure		
	QF/ Muni (MW)	Market (MW)	Total (MW)	Existing Capacity Needed	Deficiency	Total (MW)	Existing Capacity Needed	Deficiency	Total (MW)
Humboldt	48	135	183	177	0	177	177	0	177
North Coast / North Bay	217	728	945	766	0	766	766	0	766
Sierra	1012	768	1780	1453	226	1679	1617	703	2320
Stockton	276	265	541	491	34	525	541	185	726
Greater Bay	1111	5662	6773	4791	0	4791	4791	0	4791
Greater Fresno	510	2319	2829	2414	0	2414	2680	0	2680
Kern	646	31	677	208	0	208	417	5	422
LA Basin	3942	8222	12164	10225	0	10225	10225	0	10225
Big Creek/ Ventura	931	4201	5132	3178	0	3178	3178	0	3178
San Diego	201	3442	3663	3113	0	3113	3113	77	3190
Total	8894	25773	34687	26816	260	27076	27505	970	28475

Schedule

- 2009 CAISO LCR study criteria, methodology and assumptions stakeholder meeting October 11, 2007- comments by the 25th 
- Post comments with CAISO response and LCR Manual Dec. 21, 2007 
- Base case development December 2007 
- Receive base cases from PTOs January 1, 2008 
- Publish base cases January 15, 2008 – comments by the 22nd 
- Draft study completed by March 1, 2008 
- CAISO Stakeholder meeting March 4, 2008 – comments by the 18nd 
- CAISO receives new operating procedures March 18, 2008 
- Review and validate op. proc. – publish draft final report April 3, 2008 
- CAISO Stakeholder meeting April 10, 2008 – comments by the 20th 
- Final 2009 LCR Report May 1, 2008
- Receive CEC load forecast June 30, 2008
- CAISO to release LCR allocations July 15, 2008



Stakeholder Comments



Your comments and questions are welcome

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