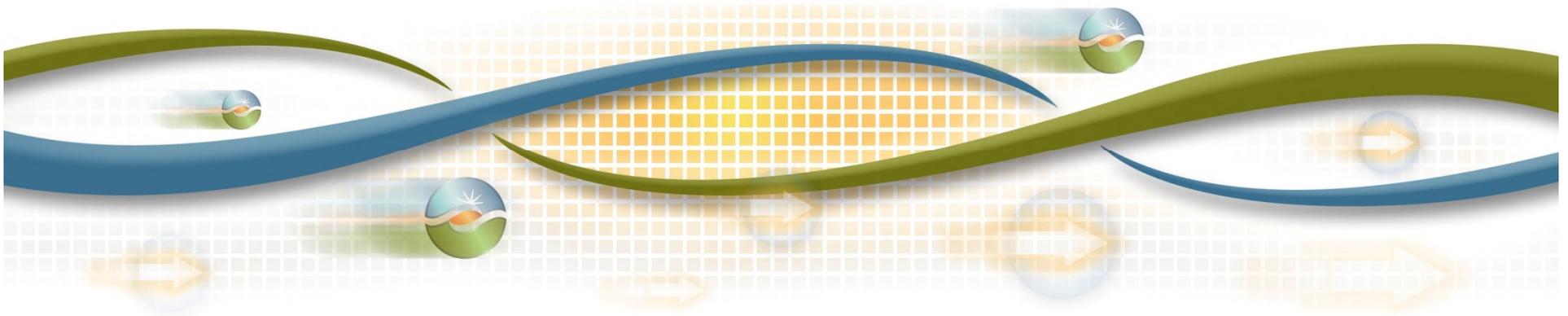# 2013 Draft LCR Study Results Summary of Findings
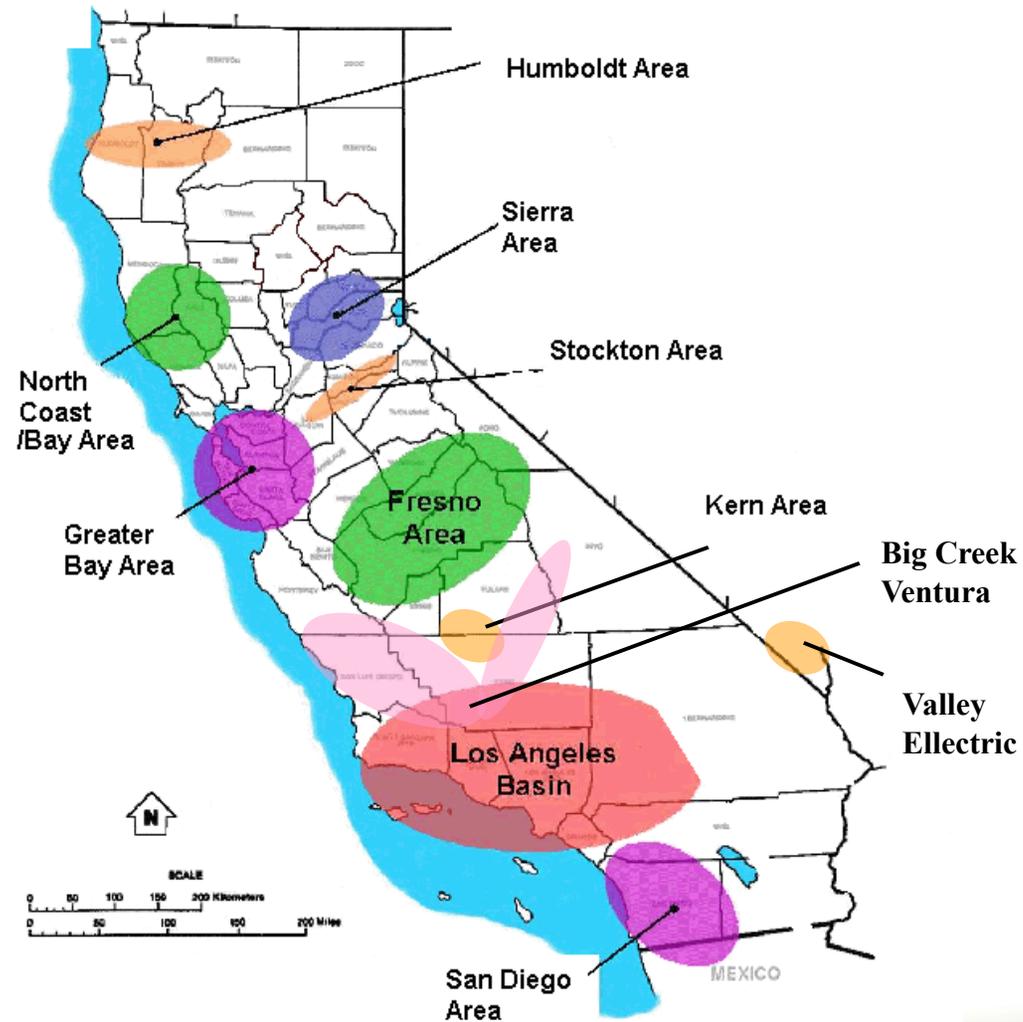
Catalin Micsa

Lead Regional Transmission Engineer

Stakeholder Meeting

March 8, 2012

LCR Areas within CAISO

Input Assumptions, Methodology and Criteria

See November 10, 2011 stakeholder meeting - for study assumptions, methodology and criteria. The latest information along with the 2013 LCR Manual can be found at: http://www.caiso.com/Documents/LCR_ManualFinal_2013.pdf.

Transmission system configuration – all-projects with EDRO up to June 1, 2013

Generation – all-generation with COD up to June 1, 2013

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)

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Major Changes from last year studies

1. **Draft NQC data.**

2. **Total LCR needs have decreased by ~ 5%.**

3. **Humboldt, North Coast/ North Bay and Stockton LCR needs** are about the same as last year

4. **Sierra, Fresno, LA Basin and Big Creek/ Ventura** decrease due to new transmission projects and decrease in load forecast.

5. **LCR needs** increase in: **Bay Area, Kern and San Diego** due to load growth.

6. **New Valley Electric – no LCR needs** since there are no resources in the area.

Role and Purpose of sub-area LCR needs:

➢ Provide detail local procurement information

➢ Need to be satisfied in order to minimize ISO back-stop

➢ Sum of the parts may not equal the overall need

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Total 2013 Draft LCR Needs

Local Area Name	Qualifying Capacity			2013 LCR Need Based on Category B			2013 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	54	168	222	143	0	**143**	190	20*	**210**
North Coast / North Bay	127	738	865	609	0	**609**	609	0	**609**
Sierra	1366	769	2135	1408	0	**1408**	1712	218*	**1930**
Stockton	262	409	671	97	0	**97**	413	137*	**550**
Greater Bay	1312	5982	7294	3479	0	**3479**	4502	38*	**4540**
Greater Fresno	356	2414	2770	1786	0	**1786**	1786	0	**1786**
Kern	602	29	631	295	0	**295**	483	71*	**554**
LA Basin	4029	8054	12083	10030	0	**10030**	10030	0	**10030**
Big Creek/ Ventura	1191	4041	5232	2161	0	**2161**	2241	0	**2241**
San Diego	162	2925	3087	2863	0	**2863**	2863	140*	**3003**
Total	**9461**	**25529**	**34990**	**22871**	**0**	**22871**	**24829**	**624**	**25453**

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2013 LCR Study Schedule

CPUC and the ISO have determined overall timeline

– Criteria, methodology and assumptions meeting Nov. 10, 2011 ✔

– Submit comments by November 24, 2011 ✔

– Posting of comments with ISO response by the January 18, 2012 ✔

– Base case development will start in December 2011 ✔

– Receive base cases from PTOs January 3, 2012 ✔

– Publish base cases January 18, 2012 – comments by the Feb. 1th ✔

– Draft study completed by March 2, 2012 ✔

– ISO Stakeholder meeting March 8, 2012 ✔

– ISO receives new operating procedures March 22, 2012

– Review and validate op. proc. – publish draft final report April 5, 2012

– ISO Stakeholder meeting April 12, 2012 – comments by the 19th

– Final report May 1, 2012

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2012 ISO Procurement Schedule

Per ISO Tariff and BPM - overall timeline

- Final LCR Report May 1, 2012
- LSE self-guided local allocation; first week in May, 2012
- Receive new CEC coincident load forecast June 30, 2012
- ISO or CPUC to send out final local allocation; middle of July, 2012
- If Oakland under contract; LSEs to submit showings by 9/14/2012
- ISO to decide on retaining units under RMR by October 1, 2012
- Final LSE showings TBD – Usually last week of October, 2012
- ISO to send a market notice out stating deficiencies in procurement – about 3 weeks after final showing - about November 22, 2012
- ISO receives additional showing (30 days after market notice)
- ISO to enter back-stop procurement for local reasons (if needed)

Your comments and questions are welcome.

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

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