



California ISO
Shaping a Renewed Future

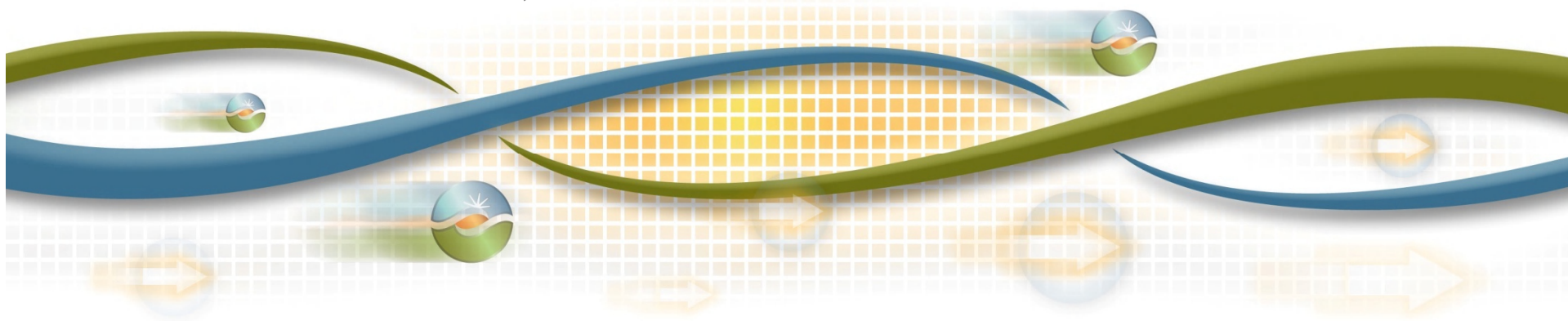
2012 Draft LCR Study Results Summary of Findings

Catalin Micsa

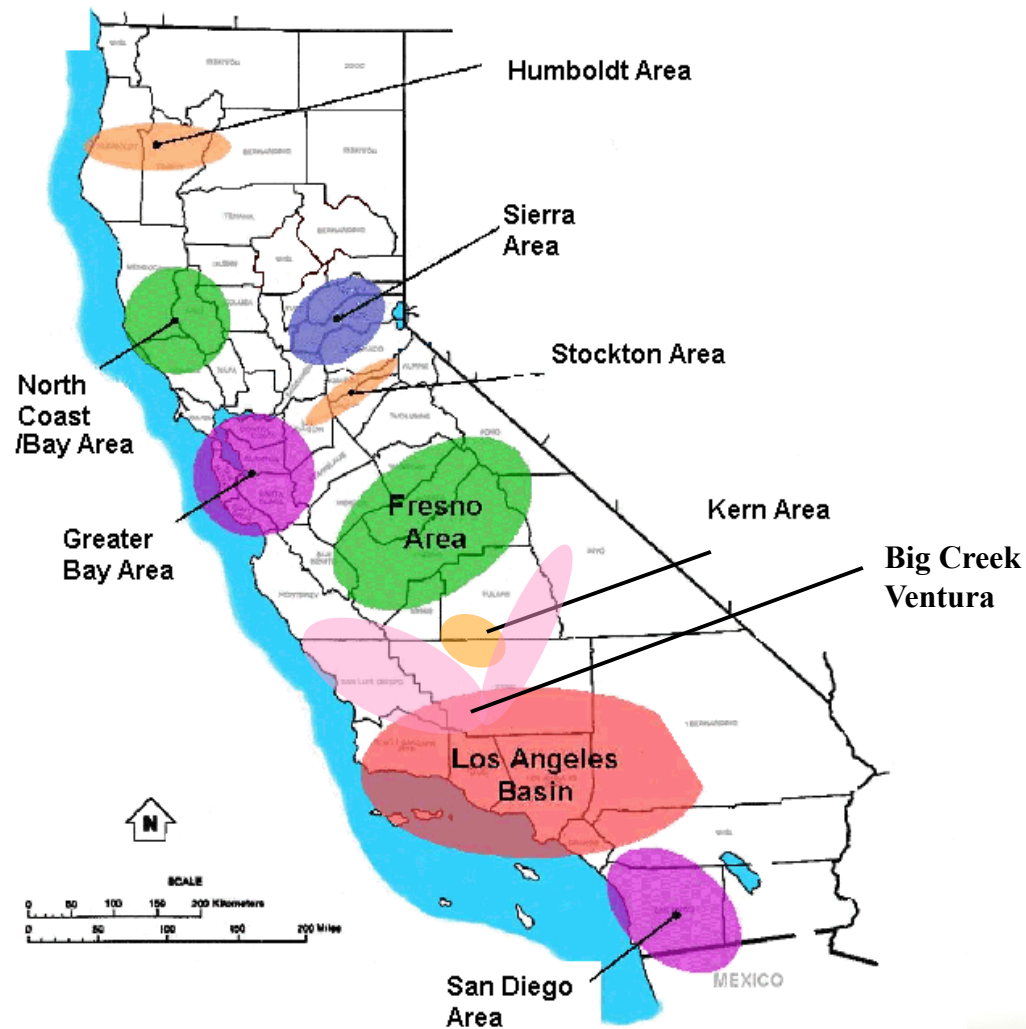
Lead Regional Transmission Engineer

Stakeholder Meeting

March 9, 2011



LCR Areas within CAISO



Input Assumptions, Methodology and Criteria

See November 10, 2010 stakeholder meeting - for study assumptions, methodology and criteria. The latest information along with the 2012 LCR Manual can be found at: <http://www.caiso.com/18a3/18a3d40d1d990.html>.

Transmission system configuration – all-projects with EDRO up to June 1, 2012

Generation – all-generation with COD up to June 1, 2012

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. **Draft NQC data.**
2. **Total LCR needs have decreased by < 6-7%.**
3. **San Diego, Fresno and Kern LCR needs** decrease due to new transmission projects and decrease in load forecast.
4. **North Cost/North Bay, Sierra, Stockton, Greater Bay and LA Basin LCR needs** are decreasing mainly because of load decrease.
5. **LCR needs** increase in: **Humboldt and Big Creek Ventura** due to load growth.

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

Total 2012 Draft LCR Needs

	Qualifying Capacity			2012 LCR Need Based on Category B			2012 LCR Need Based on Category C with operating procedure		
Local Area Name	QF/ Muni (MW)	Market (MW)	Total (MW)	Existing Capacity Needed	Deficiency	Total (MW)	Existing Capacity Needed	Deficiency	Total (MW)
Humboldt	57	166	223	159	0	159	190	9	199
North Coast / North Bay	133	728	861	622	0	622	622	0	622
Sierra	1057	759	1816	1489	0	1489	1685	281	1966
Stockton	267	259	526	145	0	145	402	154	556
Greater Bay	1210	5296	6506	3550	0	3550	4094	0	4094
Greater Fresno	485	2434	2919	1873	0	1873	1899	7	1906
Kern	699	9	708	180	0	180	281	29	310
LA Basin	4206	8103	12309	10293	0	10293	10293	0	10293
Big Creek/ Ventura	1196	4110	5306	3258	0	3258	3258	0	3258
San Diego	194	3227	3421	2849	0	2849	2849	92	2941
Total	9504	25091	34595	24418	0	24418	25573	572	26145

2012 LCR Study Schedule

CPUC and the ISO have determined overall timeline

- Criteria, methodology and assumptions meeting Nov. 10, 2010
- Submit comments by November 24, 2010
- Posting of comments with ISO response by the December 6, 2010
- Base case development will start in December 2010
- Receive base cases from PTOs January 3, 2011
- Publish base cases January 14, 2010 – comments by the 28th
- Draft study completed by March 2, 2011
- ISO Stakeholder meeting March 9, 2011
- ISO receives new operating procedures March 23, 2011
- Review and validate op. proc. – publish draft final report April 6, 2011
- ISO Stakeholder meeting April 14, 2011 – comments by the 21nd
- Final report May 2, 2011



2011 ISO Procurement Schedule

Per ISO Tariff and BPM - overall timeline

- Final LCR Report May 2, 2011
- LSE self-guided local allocation; first week in May, 2011
- Receive new CEC coincident load forecast June 30, 2011
- ISO or CPUC to send out final local allocation; middle of July, 2011
- If Oakland under contract; LSEs to submit showings by 9/16/2011
- ISO to decide on retaining units under RMR by October 1, 2011
- Final LSE showings TBD – Usually last week of October, 2011
- ISO to send a market notice out stating deficiencies in procurement – about 3 weeks after final showing - about November 22, 2011
- 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