



California ISO
Shaping a Renewed Future

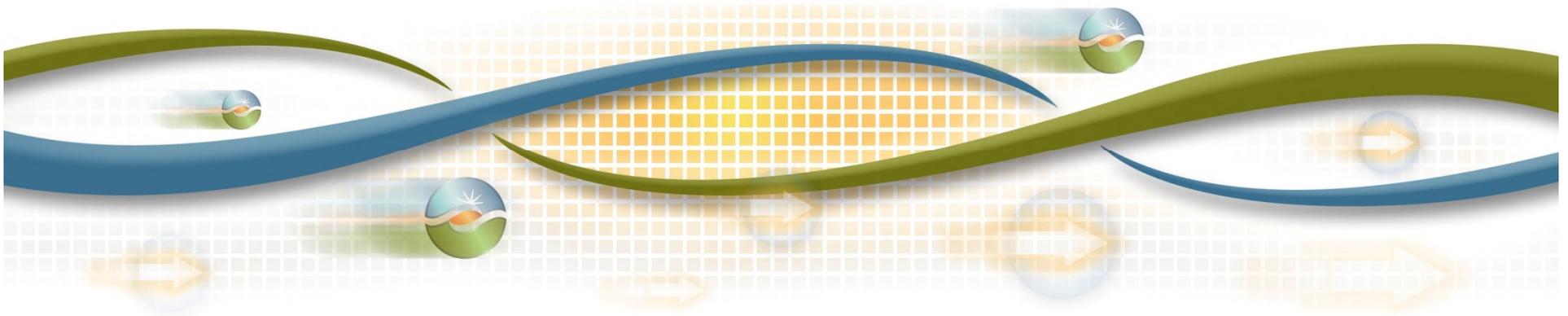
2013 Final LCR Study Results Valley Electric Association

Frank Chen

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Stakeholder Meeting

April 12, 2012

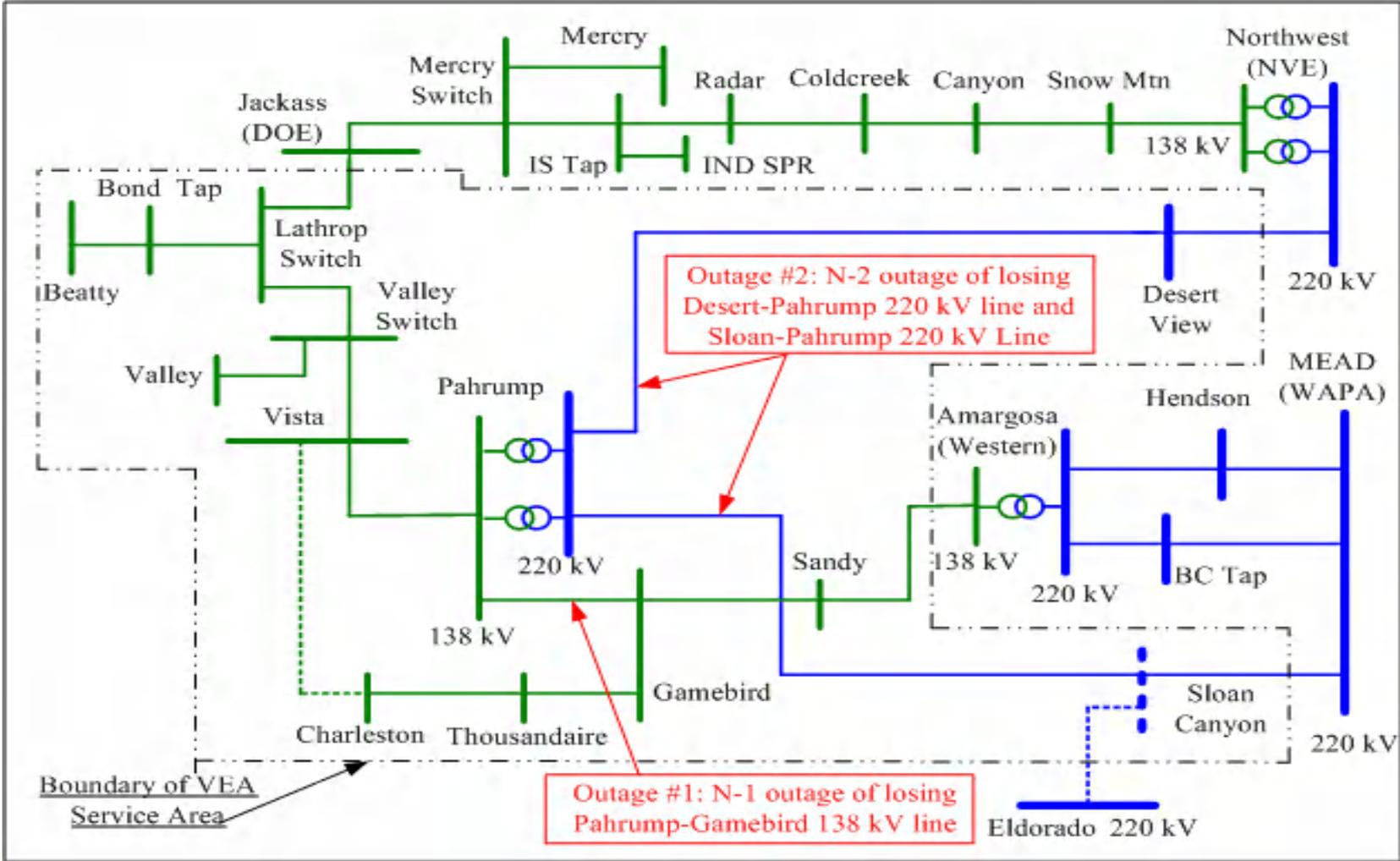


VEA Loads and Resources (MW)

		2013
Load	=	119
Transmission Losses	=	2
Total Load	=	121
Market Generation	=	0
Muni Generation	=	0
QF/Self-Gen Generation	=	0
Total Qualifying Capacity	=	0

Critical Contingencies

Valley Electric Area



Critical Contingencies

Valley Electric Area

VEA Overall Area – Category C

Contingency: loss of Mead-Pahrump 220 kV line followed by the loss of Desert View-Pahrump 220 kV line or vice versa

LCR need: 37 MW (including 37 MW of deficiency)

Limiting component: Voltage collapse in the VEA area

Critical Contingencies

Valley Electric Area

VEA Pahrump South Sub-Area – Category B

Contingency: Loss of Pahrump-Gamebird 138 kV Line with the biggest unit in the area off line

LCR need: Total of 14 MW (includes 14 MW of deficiency)

Limiting component: Voltage lower than 0.90 pu at Gamebird, Thousandaire, and Charleston 138 kV Subs

Changes

There is no comparison to last year's results since this is first year to establish local capacity requirement for the Valley Electric Area.

Questions??

Please send written comments to:
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