2018 & 22 Final LCR Study Results Humboldt Area

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Stakeholder Call

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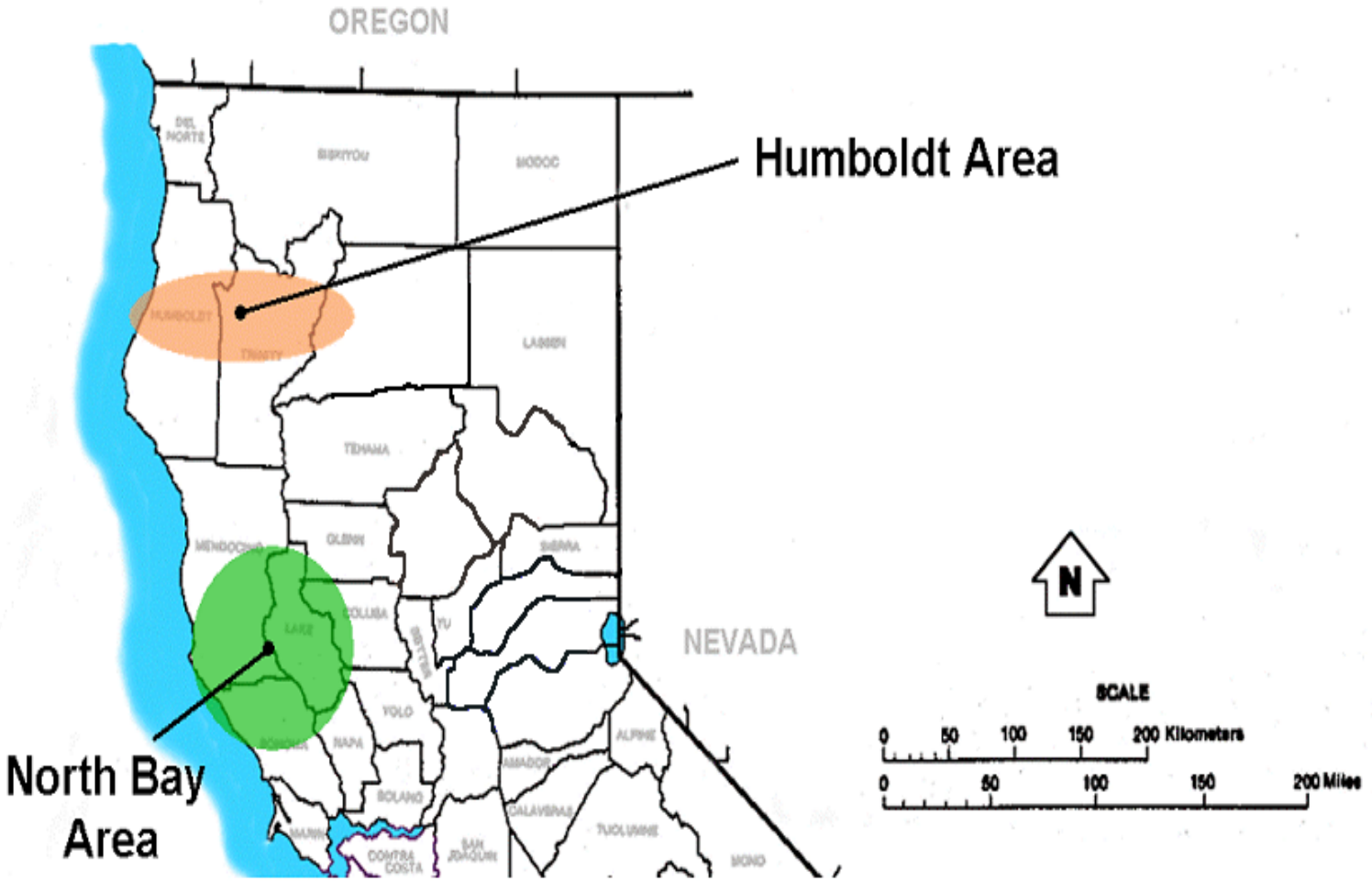
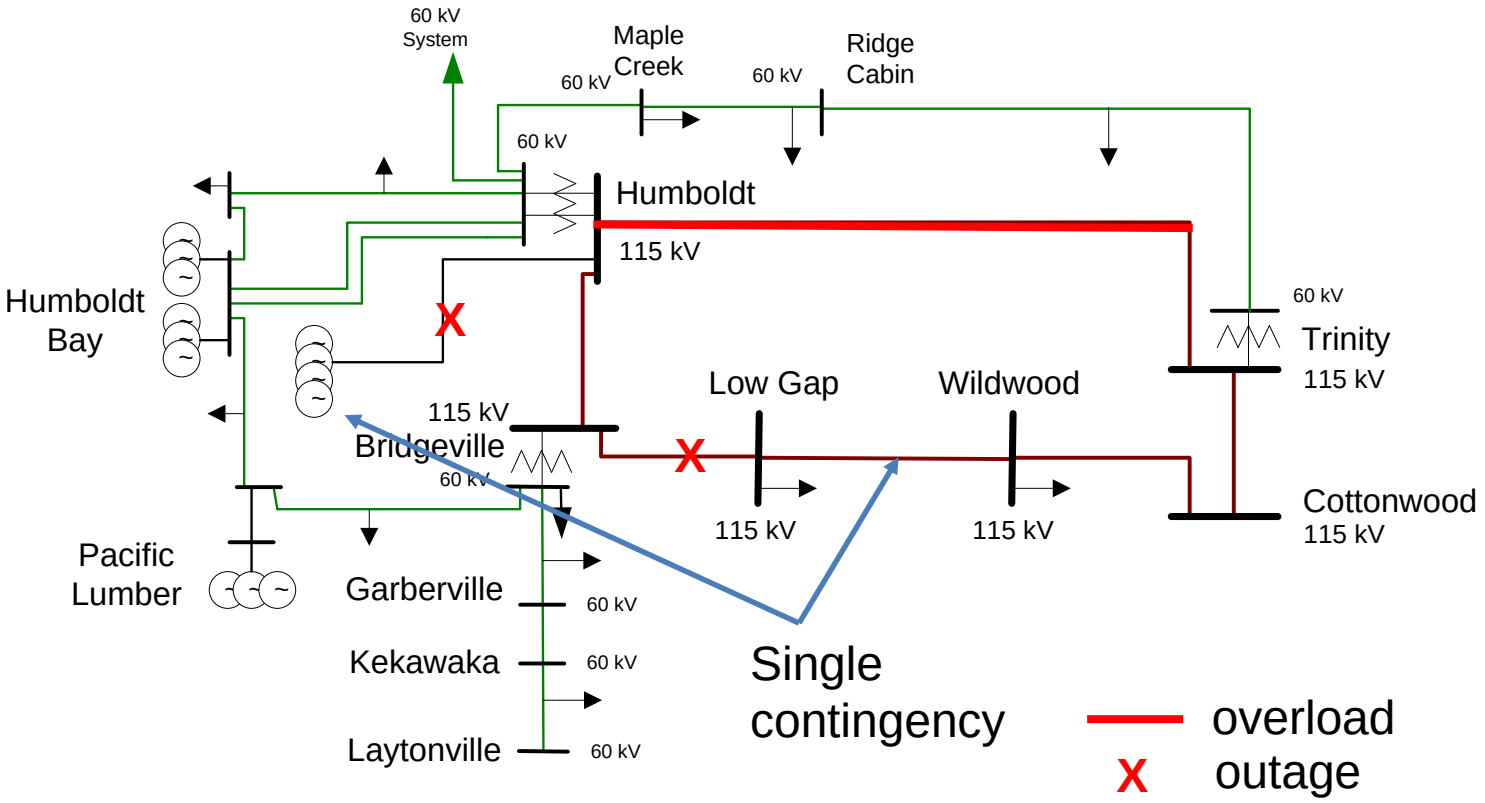
Humboldt and North Coast/North Bay



Humboldt Load and Resources (MW)

		2018	2022
Load	=	184	196
AAEE	=	-8	-17
Transmission Losses	=	11	11
Total Load	=	**187**	**190**
Market Generation	=	196	196
QF/Self-Gen Generation	=	14	14
Total Qualifying Capacity	=	**210**	**210**

Critical Contingencies
Humboldt Area



Critical Contingencies Humboldt Area

Humboldt Overall – Single Contingency Winter Peak

Contingency: Cottonwood-Bridgeville 115 kV line + one Humboldt PP units out of service
Limiting component: Thermal overload on Humboldt -Trinity 115 kV line
2018 LCR Need: 121 MW
2022 LCR Need: 121 MW

Humboldt Overall – Double Contingencies Winter Peak

Contingency: Cottonwood – Bridgeville 115 kV line + Humboldt – Humboldt Bay 115kV line
Limiting component: Thermal overload on Humboldt -Trinity 115 kV line
2018 LCR need: 169 MW
2022 LCR need: 169 MW

Changes

Since last year:

1) Load went down by 1 MW in 2018 compared with 2017
2) LCR need increased by 12 MW in 2018 compared to 2017 due to different limiting contingency.
3) Load went down by 5 MW in 2022 compared with 2021
4) LCR need remained the same in 2022 compared to 2021.

Since last stakeholder meeting:

1) Updated NQC.

Your comments and questions are welcomed

Please send written comments to:

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