



KENTUCKY MUNICIPAL ENERGY AGENCY



Summer Preparedness

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5/18/2021

www.KYMEA.org

KYMEA_Board_Presentation_Summer_Preparedness_05-27-2021.pptx

Summer 2021 Preparedness

Purpose: To procure enough capacity/reserves and firm transmission to cover load during summer peaking events

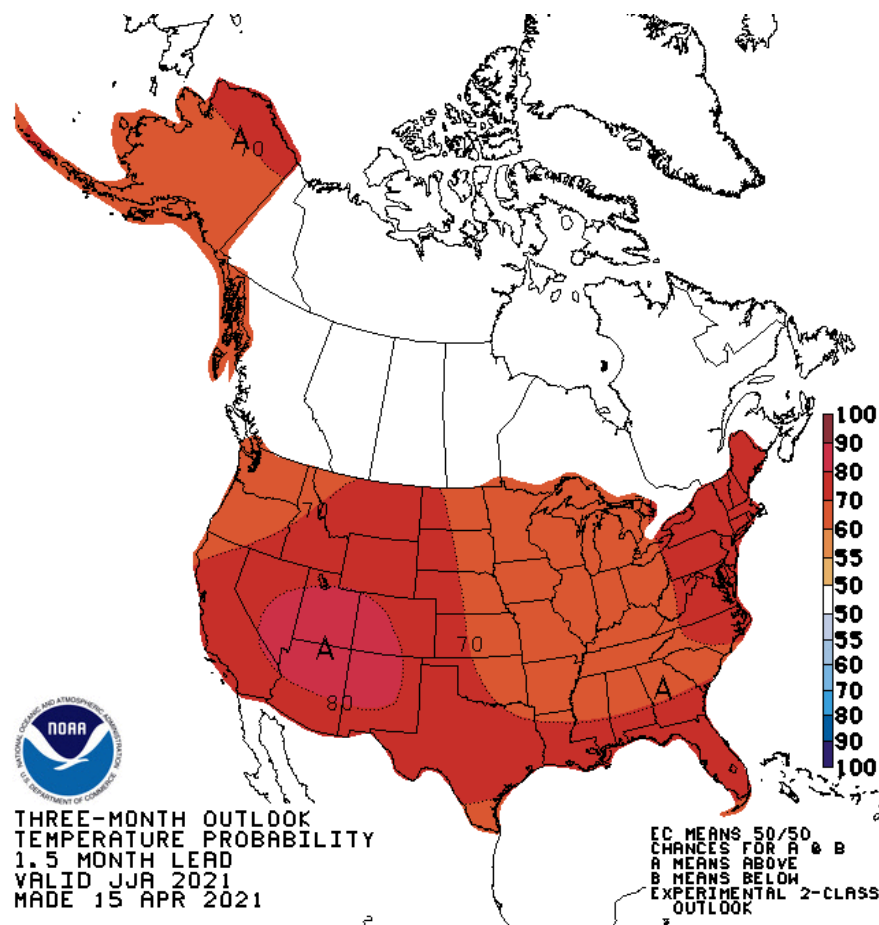
What/Ifs: In the event that loads were unable to be adequately supplied then Energy Emergency Alerts (EEA) would be enacted

EEA 1 – All available generation resources in use

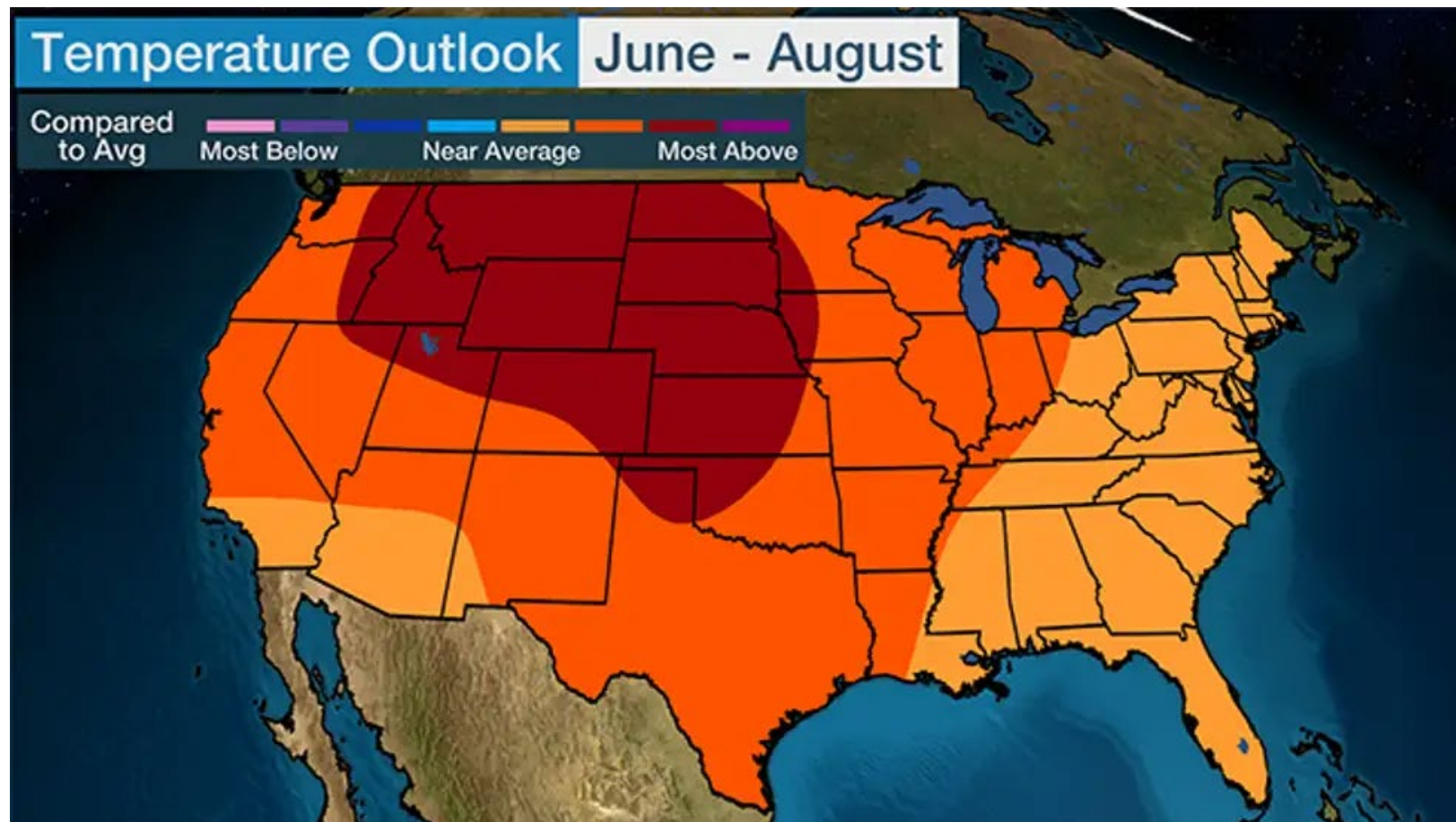
EEA 2 – Load management procedures in effect, Capacity Benefit Margin (CBM) can be called upon (requests due Mar. 1)

EEA 3 – Firm load interruption is imminent or in progress

Summer 2021 Outlook



Summer 2021 Outlook



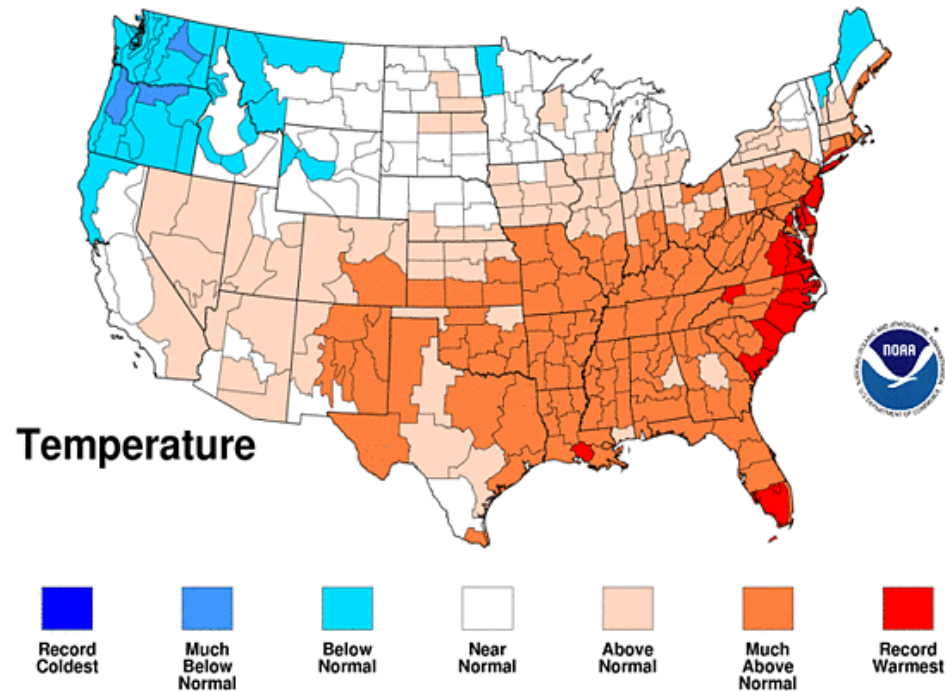
Budget and Historical AR Summer Peaks

Month	Budget Peak Load (MW)	All-Time Peak Load (MW)	Firm Supply Capacity (MW)	Year
Jun-21	244	283	395	2010
Jul-21	234	286	395	2011
Aug-21	229	297	395	2010

June 2010 Weather Actuals

Jun 2010 Divisional Ranks

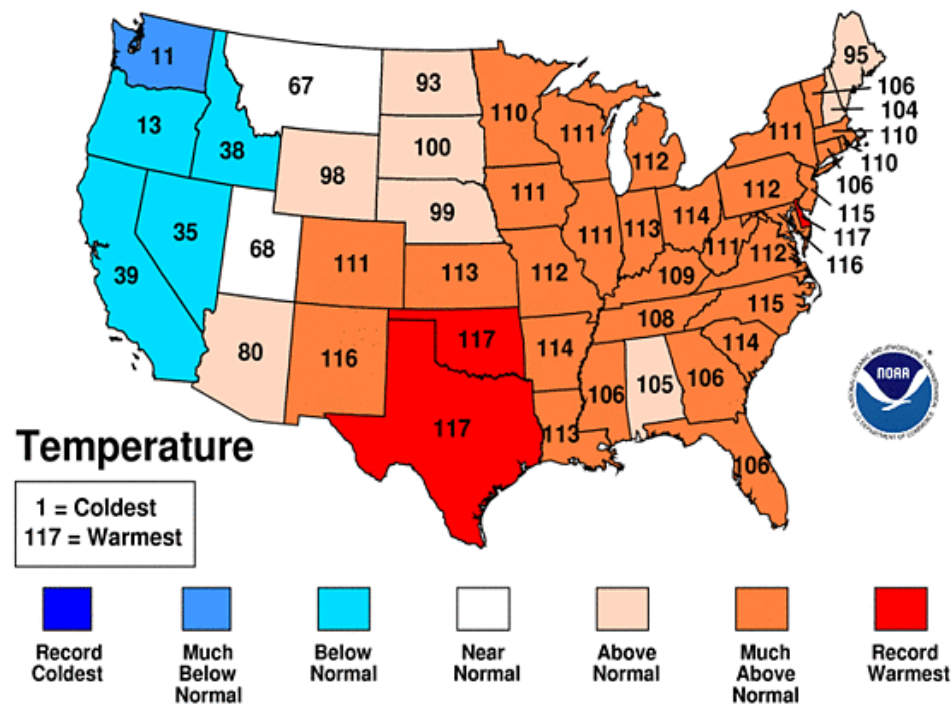
National Climatic Data Center/NESDIS/NOAA



July 2011 Weather Actuals

July 2011 Statewide Ranks

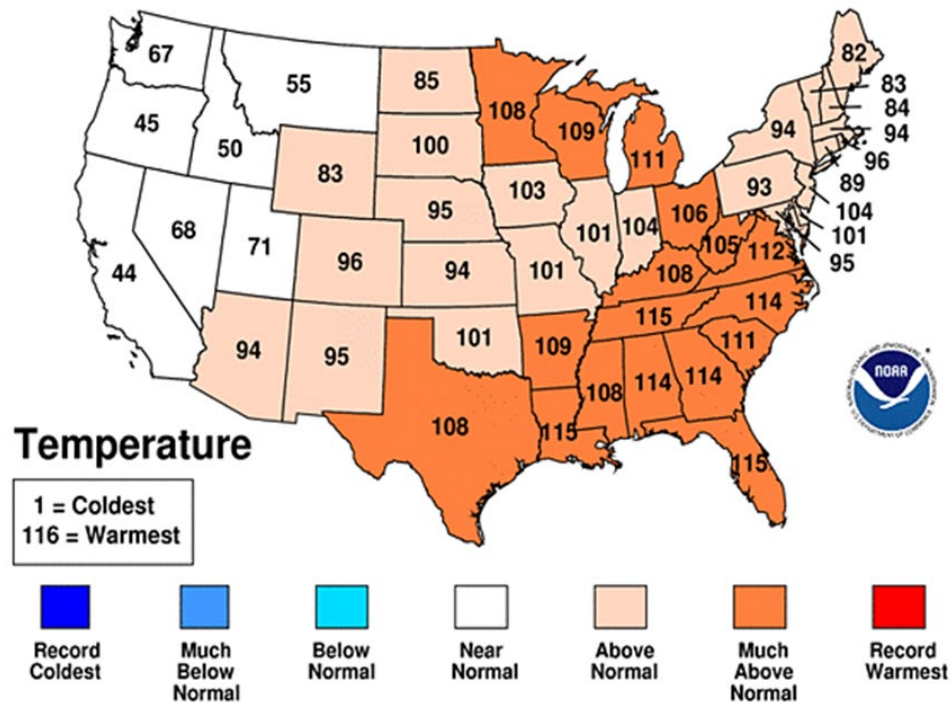
National Climatic Data Center/NESDIS/NOAA



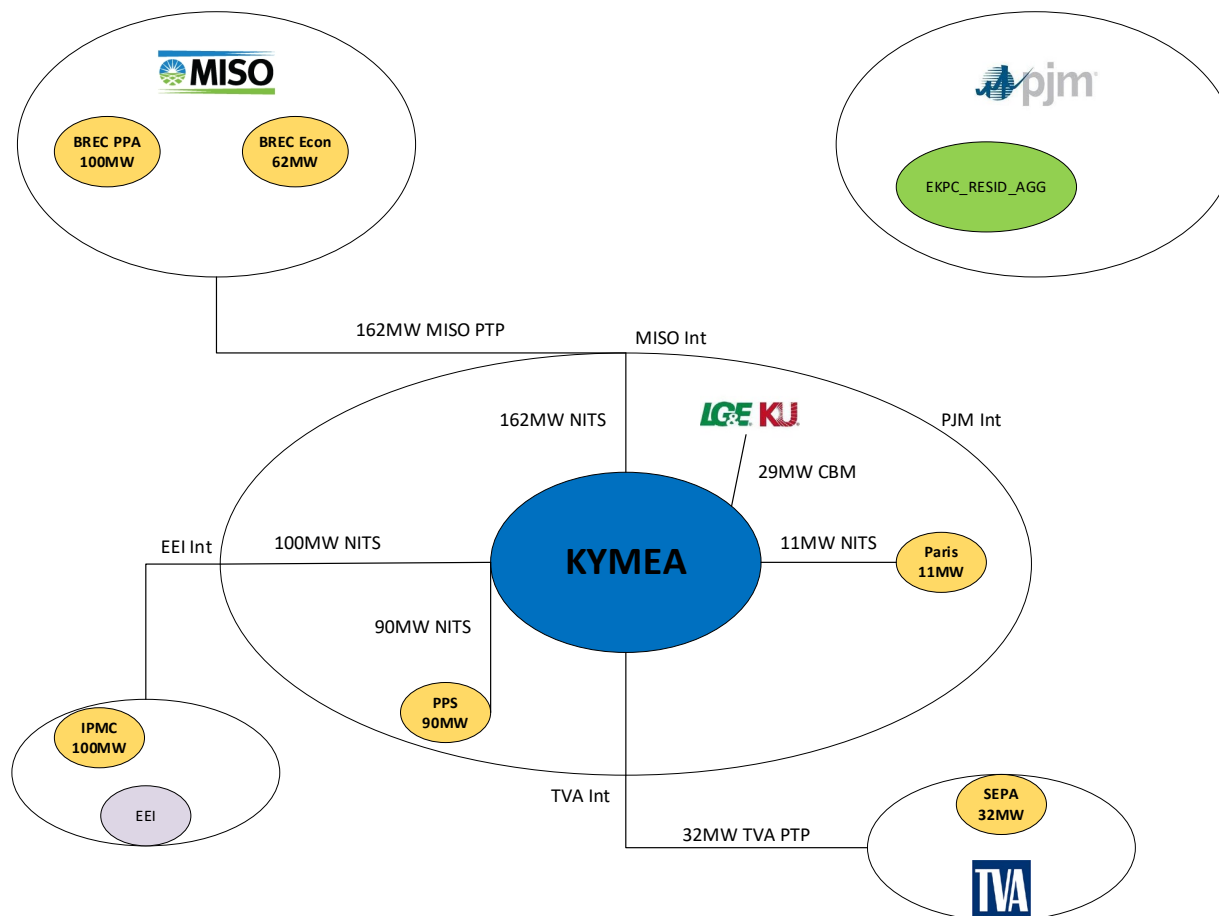
August 2010 Weather Actuals

August 2010 Statewide Ranks

National Climatic Data Center/NESDIS/NOAA



FY 2021 Capacity and Transmission Portfolio



Summer Capacity and Transmission Portfolio

Resource	Availability	Volume (MW)	Firm Transmission (MW)
BREC PPA	100%	100	100
IPMC	96%	100	100
PPS	95%	90	90
BREC Option	N/A	100	62
Paris		10.088	11
SEPA		32	32
CBM *		29	0

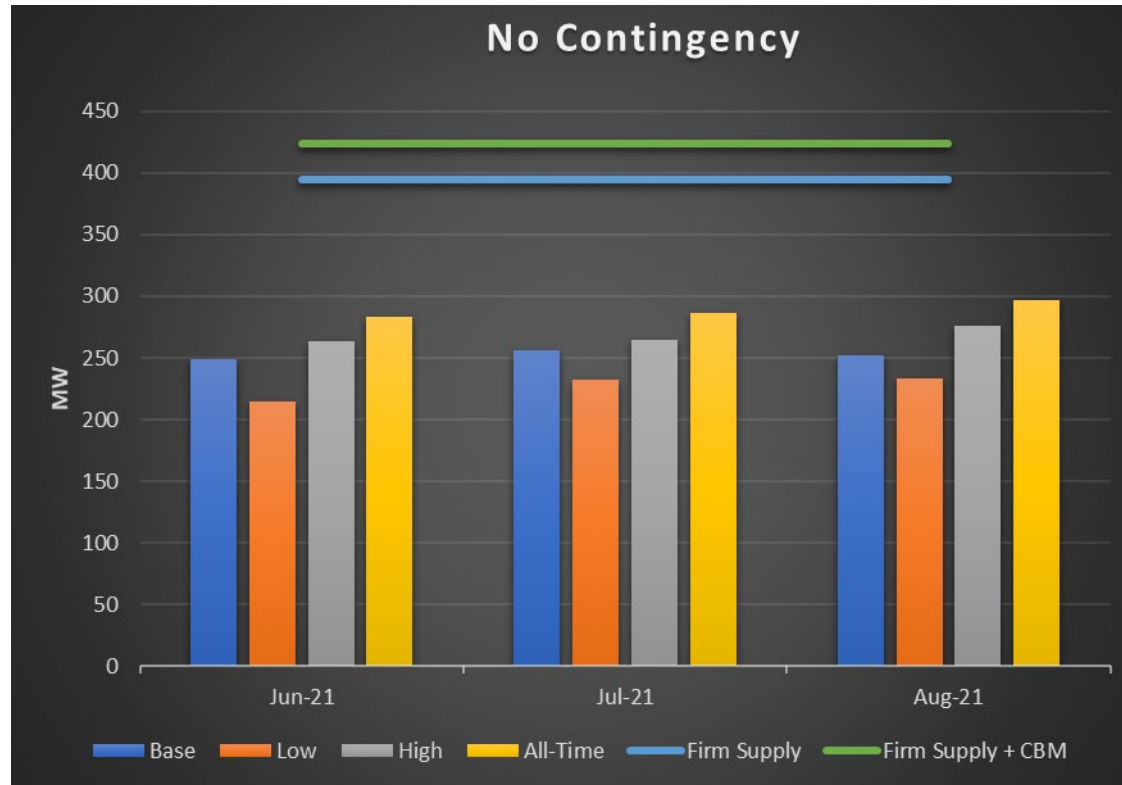
* notified in June 2021 of status

Summer Capacity and Transmission Portfolio

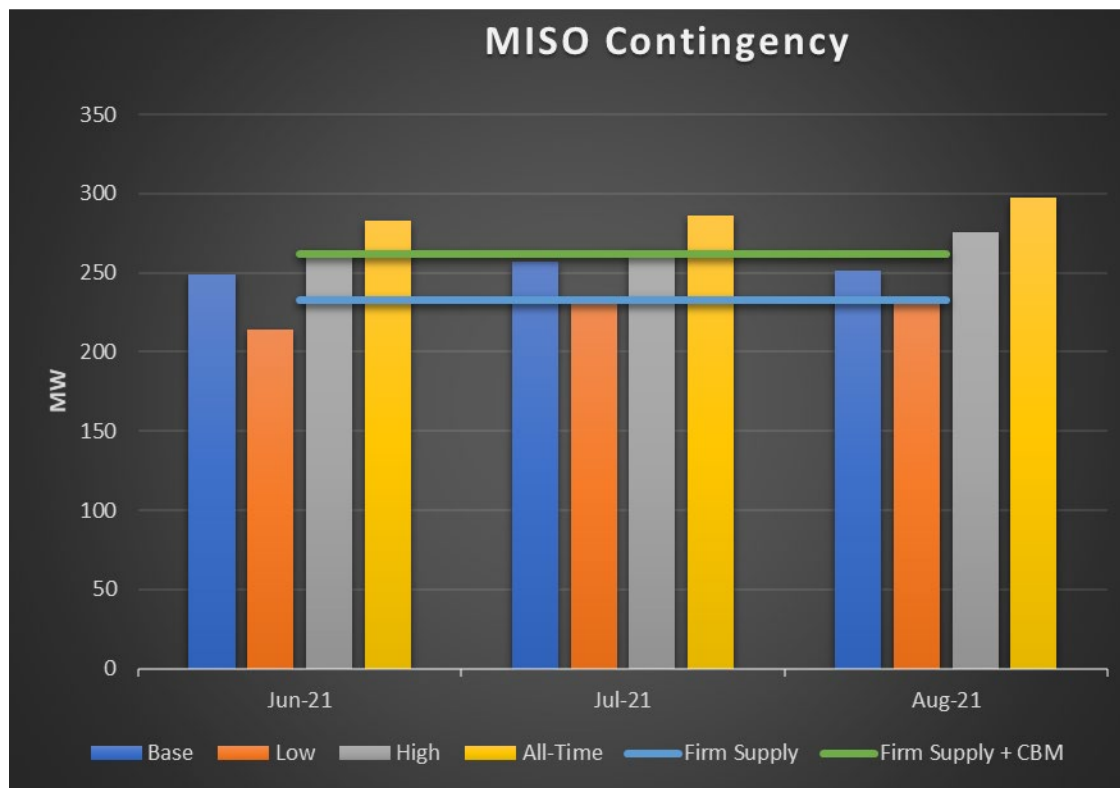
Potential Deliverable Resources (as of 5-12-2021)

1. LG&E
 - a) Cost-based tariff
 - b) Requires network transmission (OMW ATC)
2. IMEA
 - a) Enabling agreement
 - b) Requires network transmission (OMW ATC)
3. PJM
 - a) Requires point to point transmission
 - b) Requires network transmission (OMW ATC)
4. TVA
 - a) Requires delivery to the LGE/TVA Interface
 - b) Requires network transmission (OMW ATC)

No Contingency



MISO Contingency



EEl Contingency

