

2012 Preliminary CARIS Phase II Base Case Monthly Results

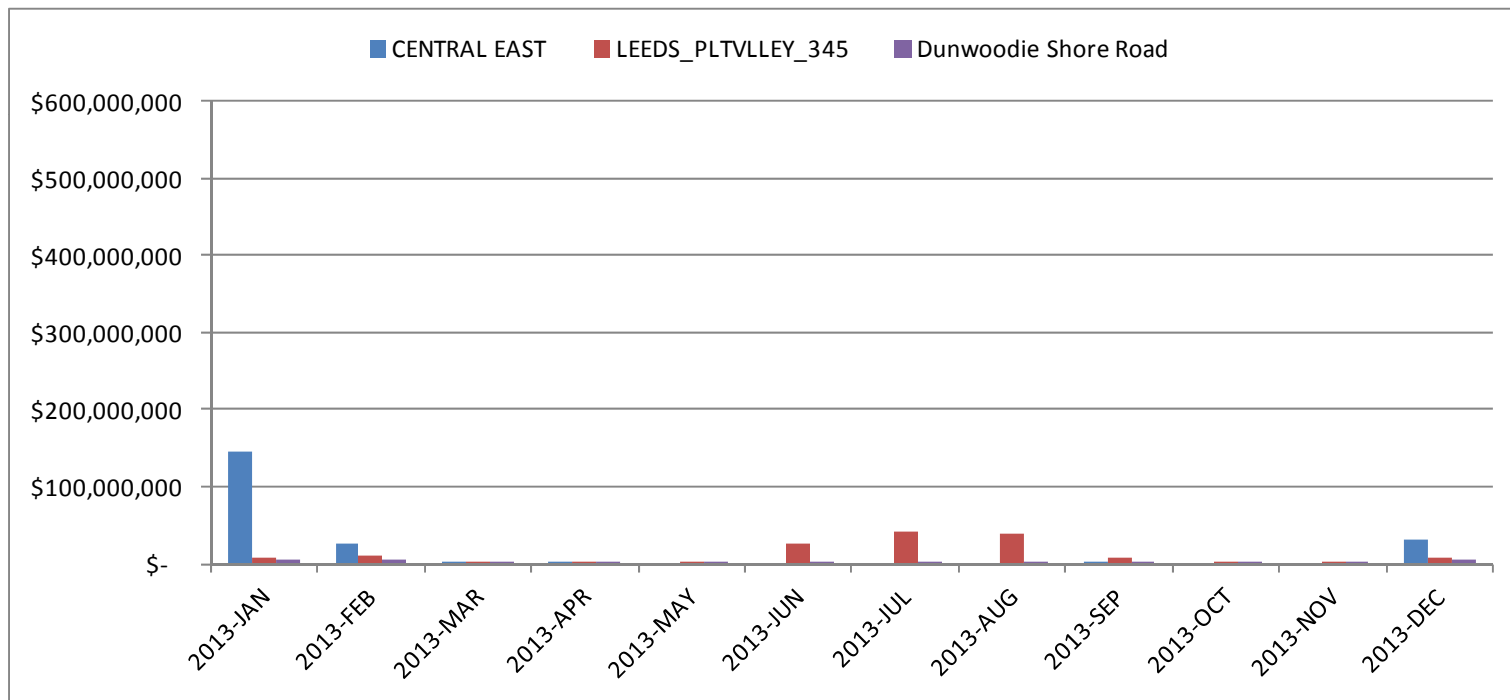
Dana Walters

*Director Reliability and Economic Planning
New York Independent System Operator*

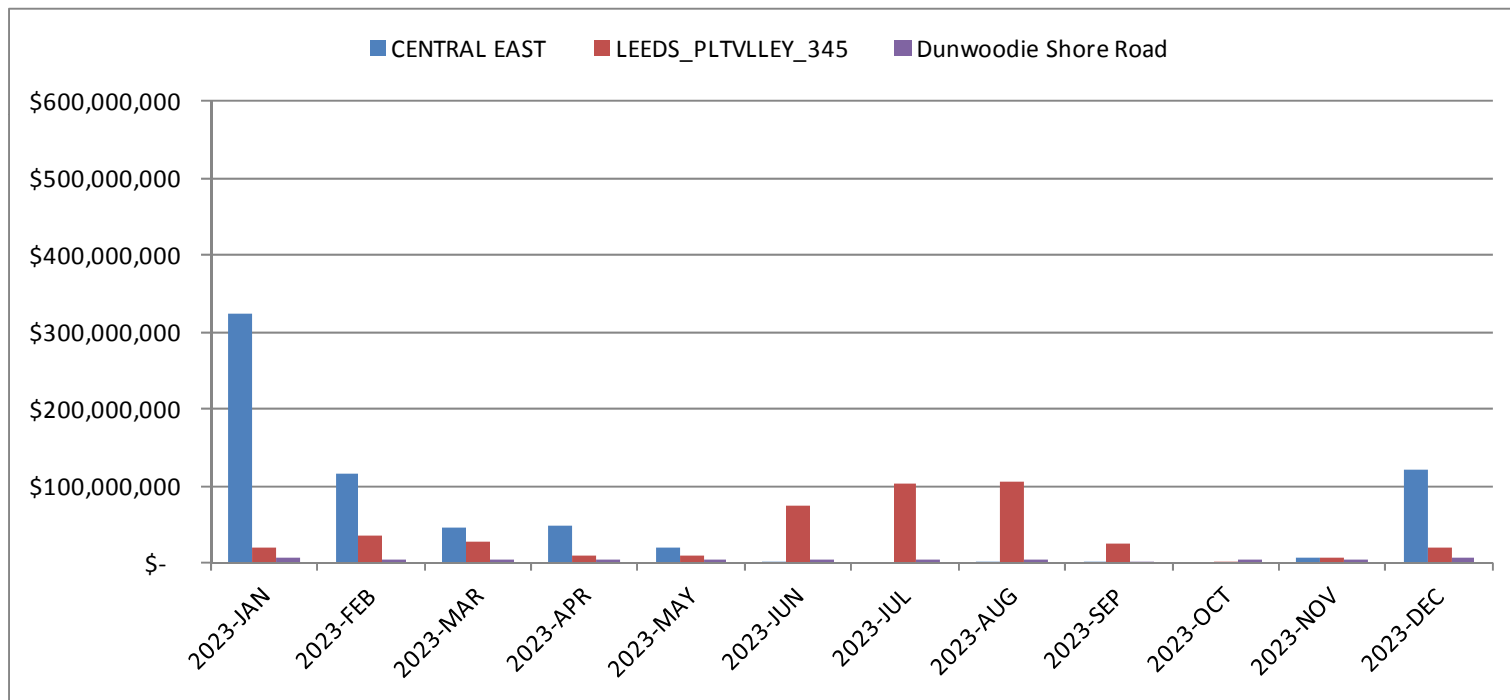
ESPWG

*October 11, 2012
Rensselaer, NY*

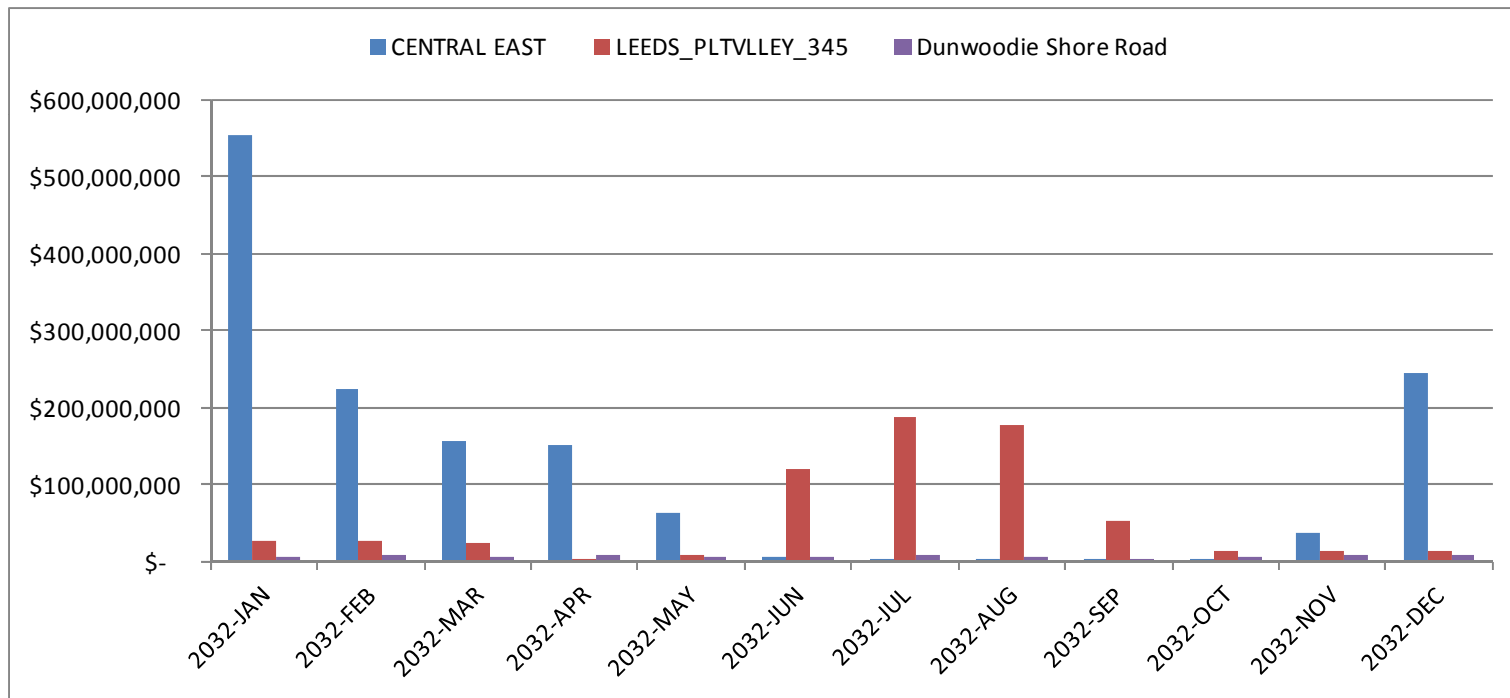
Phase II – Projected 2013 Monthly Demand \$ Congestion by Constraint (Nominal Values)



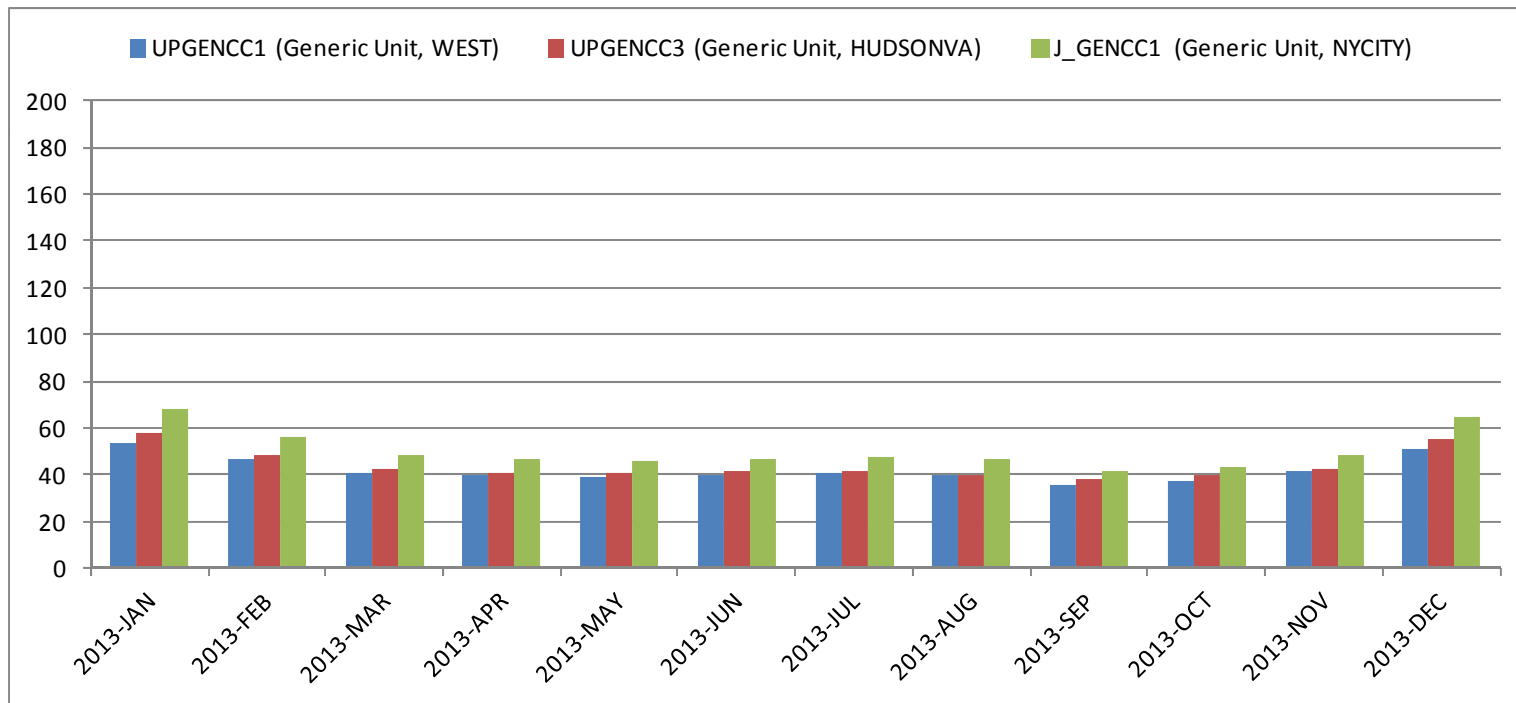
Phase II – Projected 2023 Monthly Demand \$ Congestion by Constraint (Nominal Values)



Phase II – Projected 2032 Monthly Demand \$ Congestion by Constraint (Nominal Values)



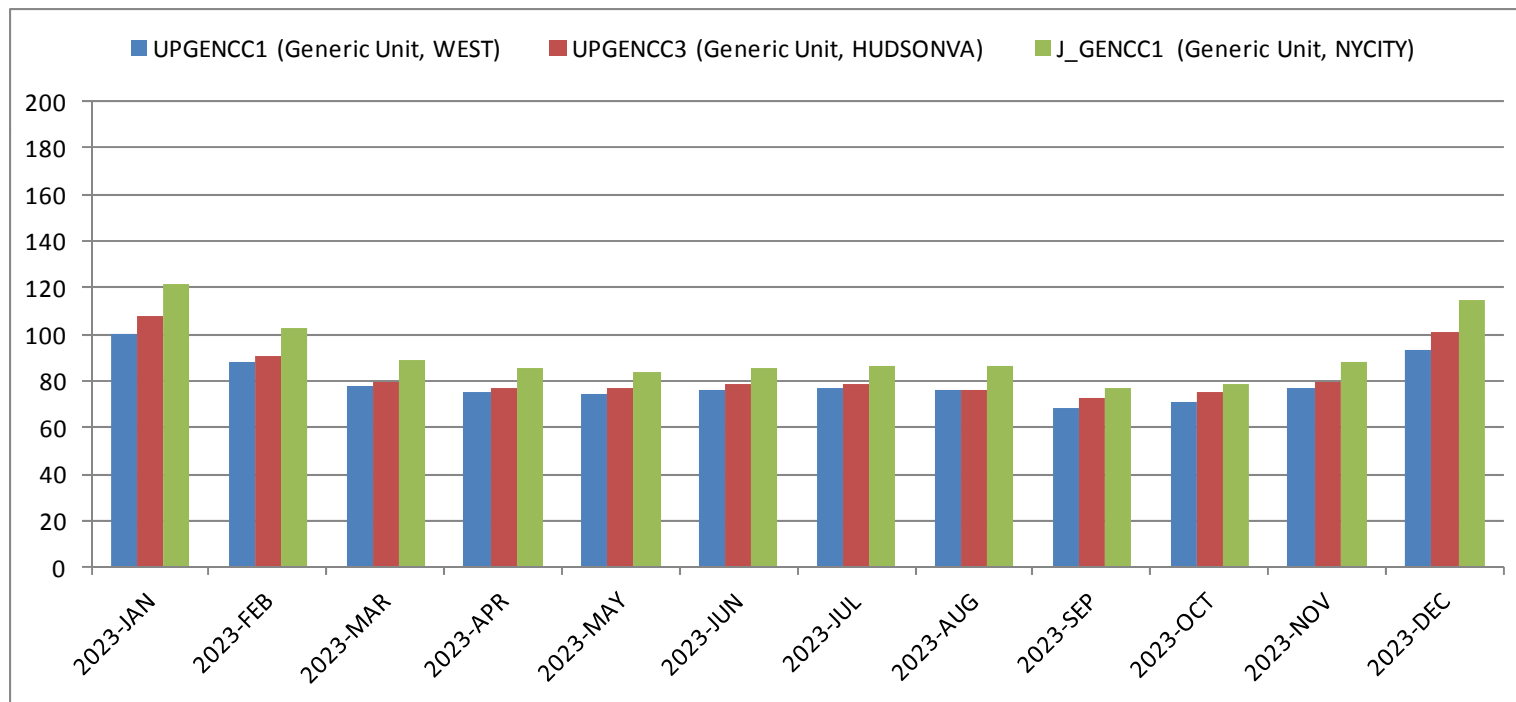
Phase II – Projected 2013 Monthly Average Full Load Cost In Different Fuel Regions (\$/MWh)



Installation Date:

UPGENCC1 (WEST Zone)	: 01/01/2025
UPGENCC3 (HUDSONVA Zone)	: 01/01/2028
J_GENCC1 (NYCITY Zone)	: 01/01/2022

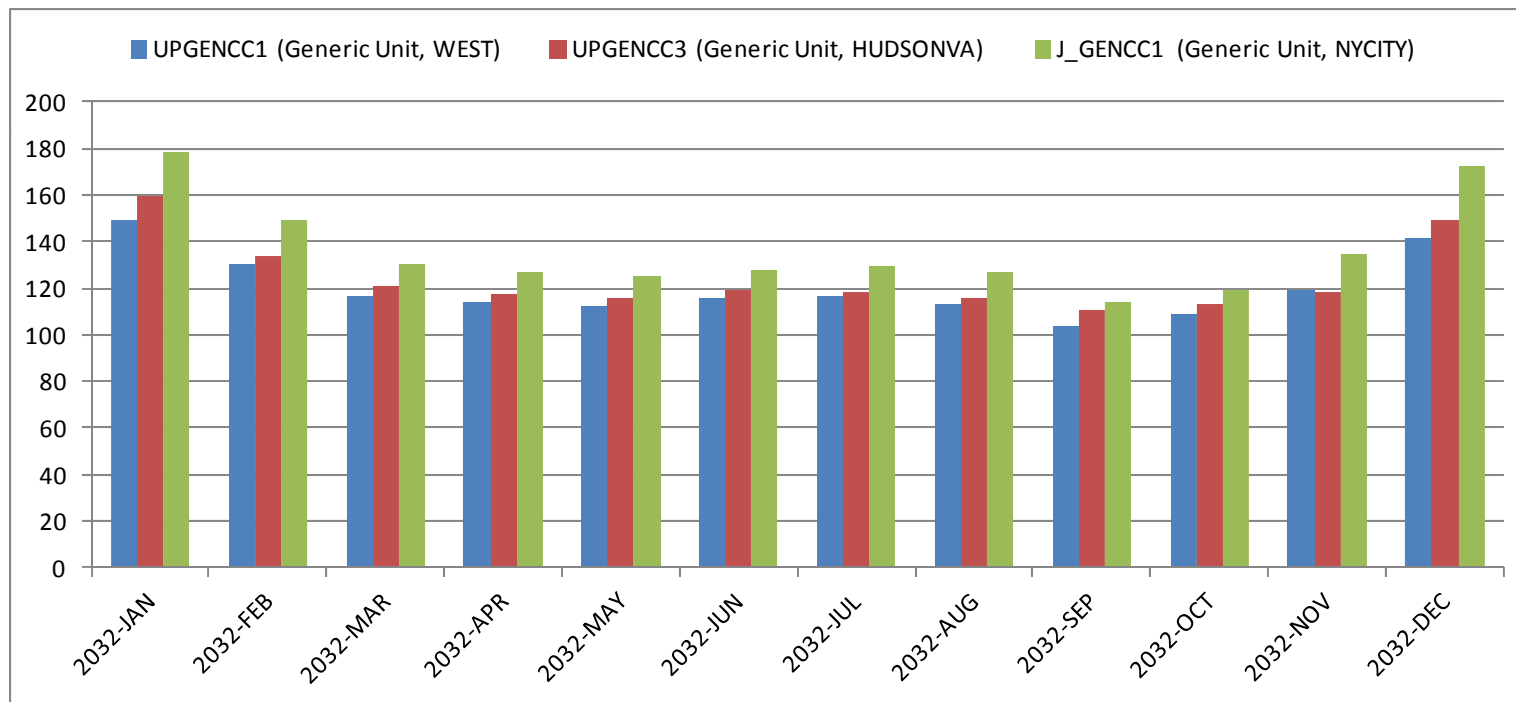
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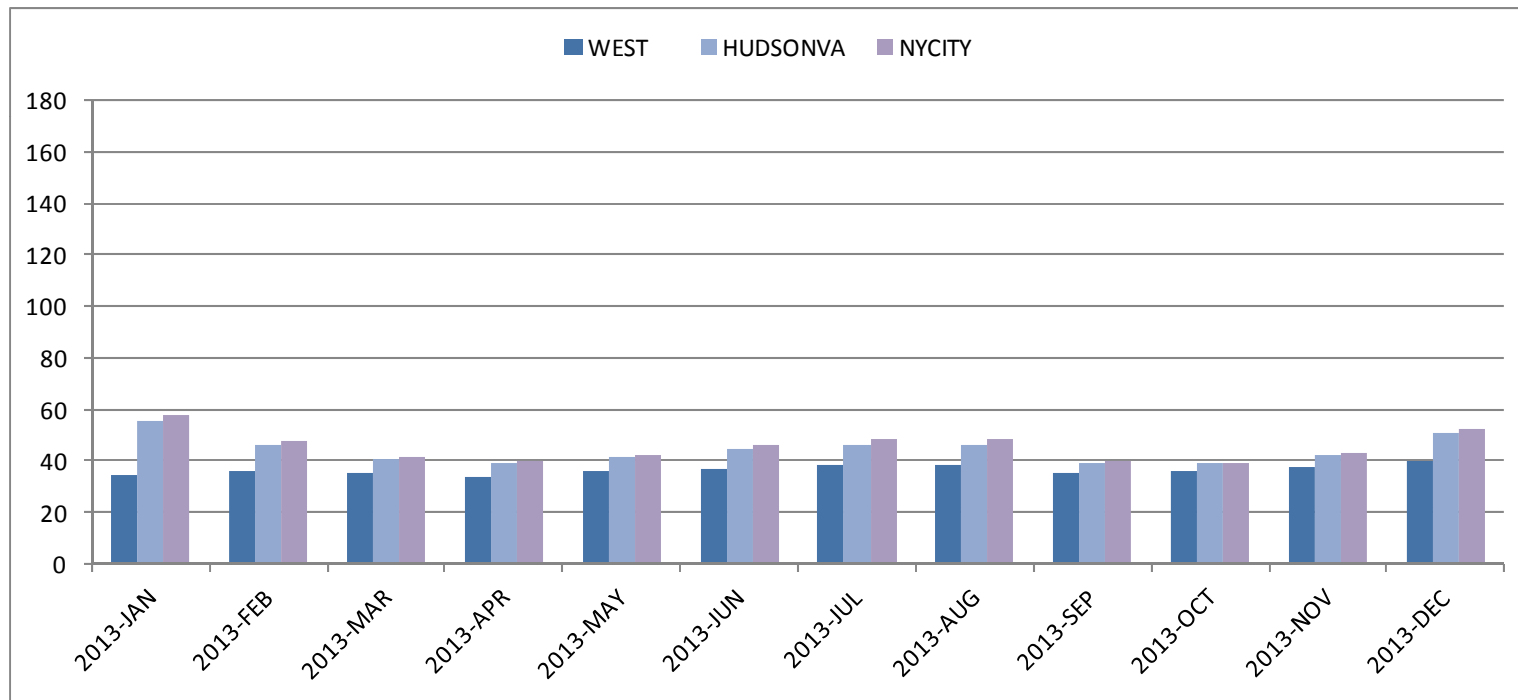
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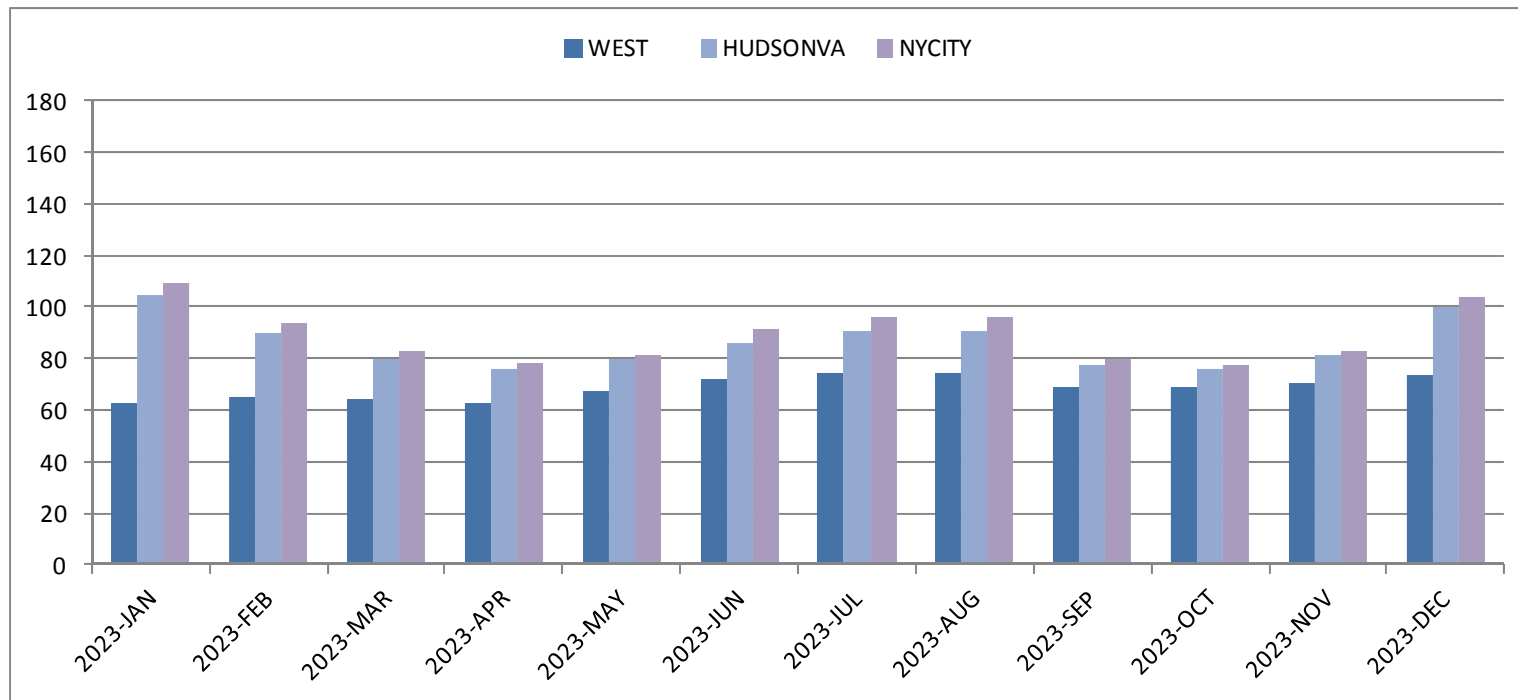
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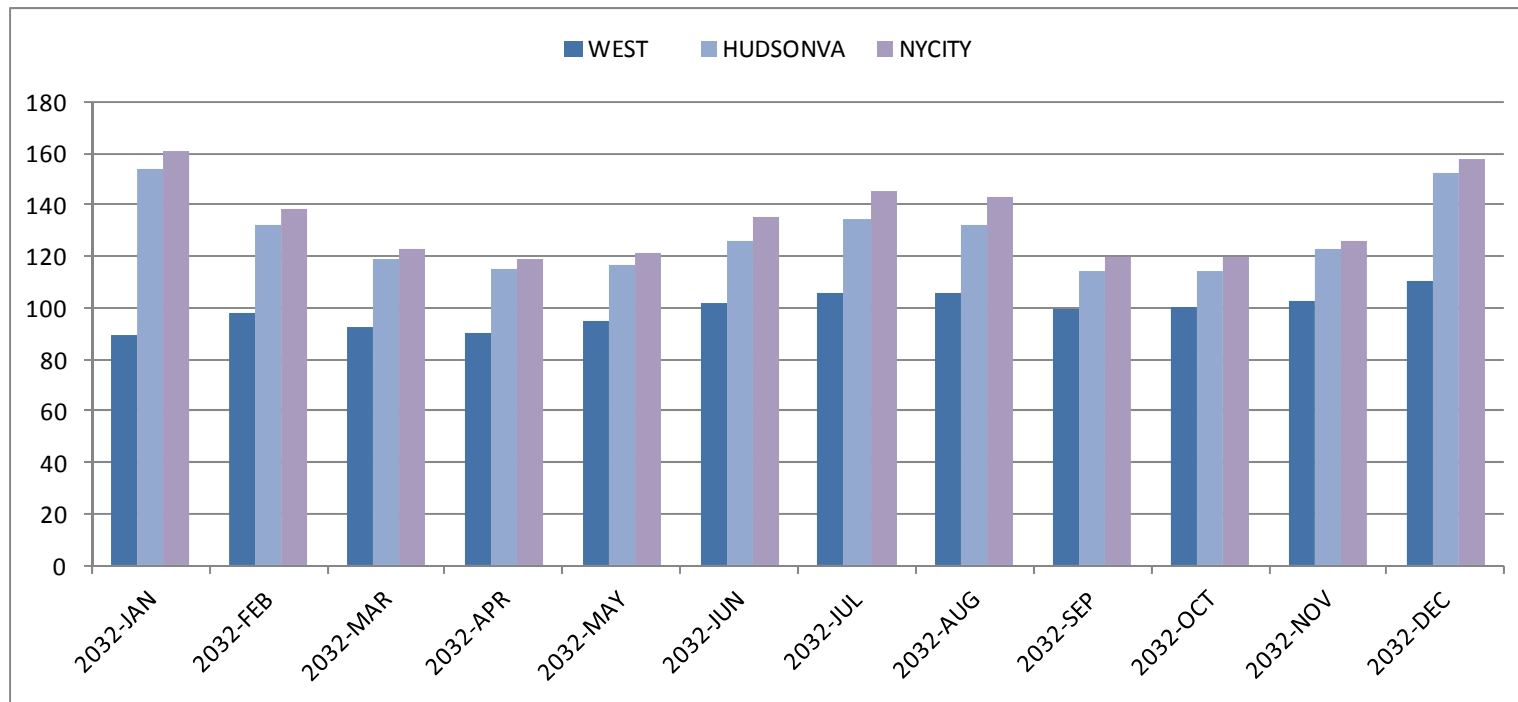
Phase II – Projected 2013 Monthly Zonal LBMPs In Different Fuel Regions (\$/MWh)



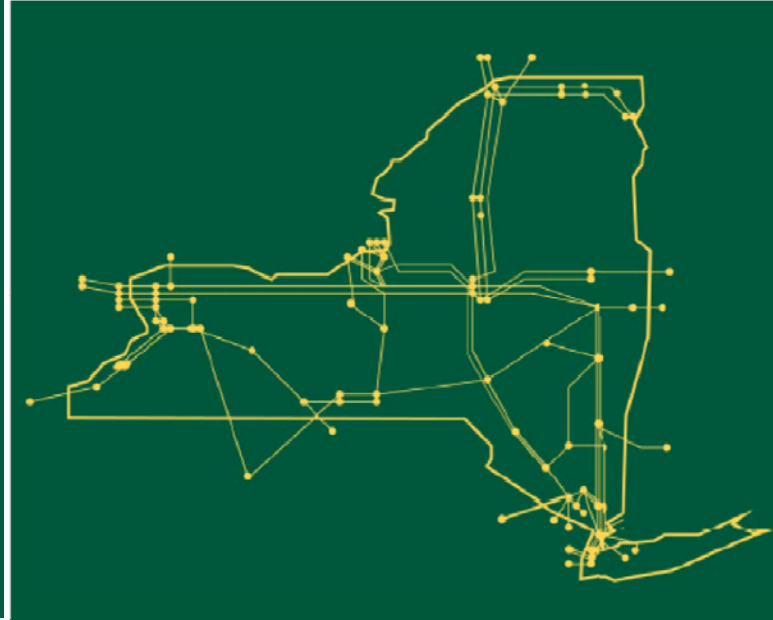
Phase II – Projected 2023 Monthly Zonal LBMPs In Different Fuel Regions (\$/MWh)



Phase II – Projected 2032 Monthly Zonal LBMPs In Different Fuel Regions (\$/MWh)



The New York Independent System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



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