

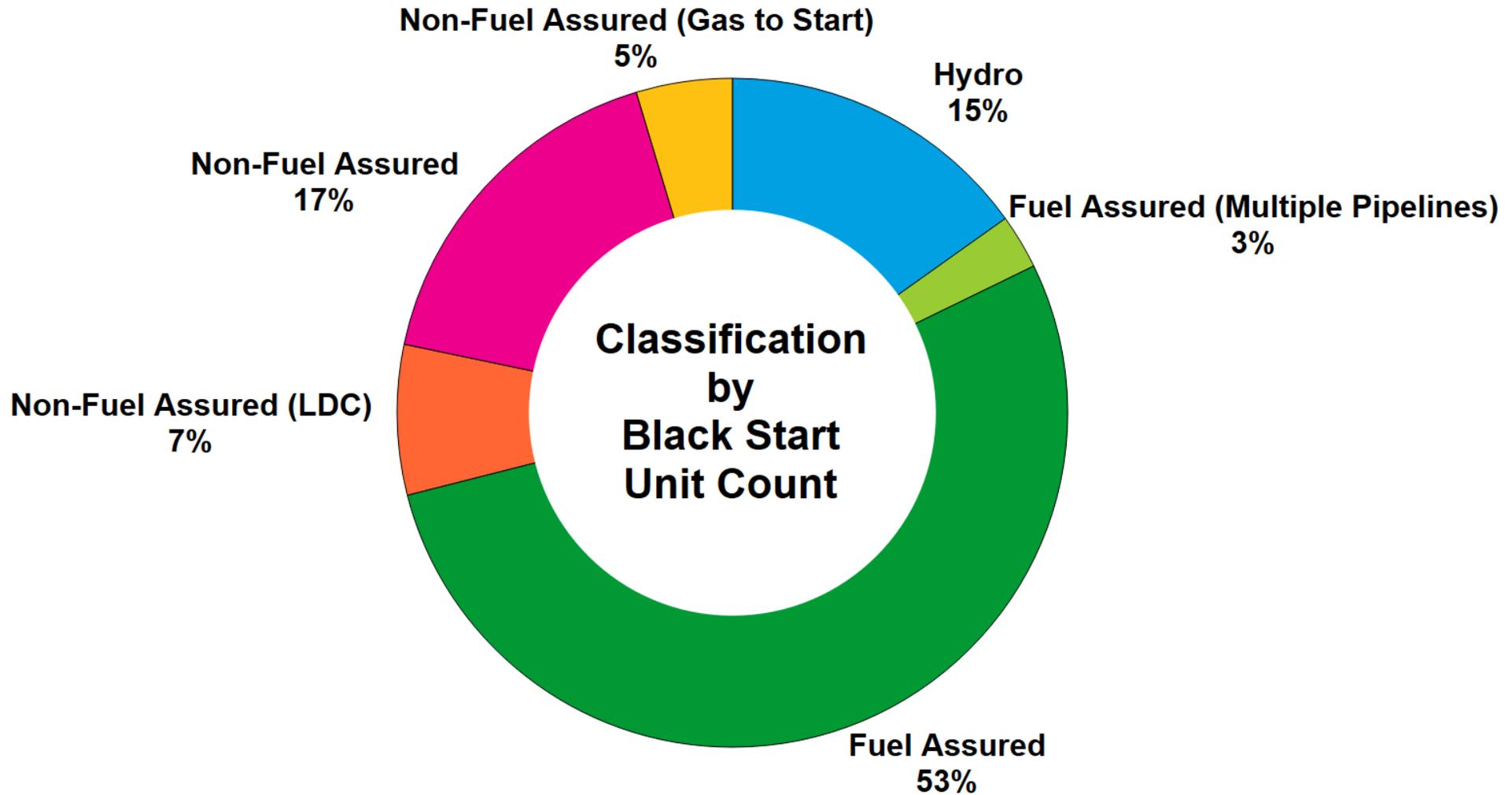


Fuel Assurance Classification for Existing PJM Black Start Resources

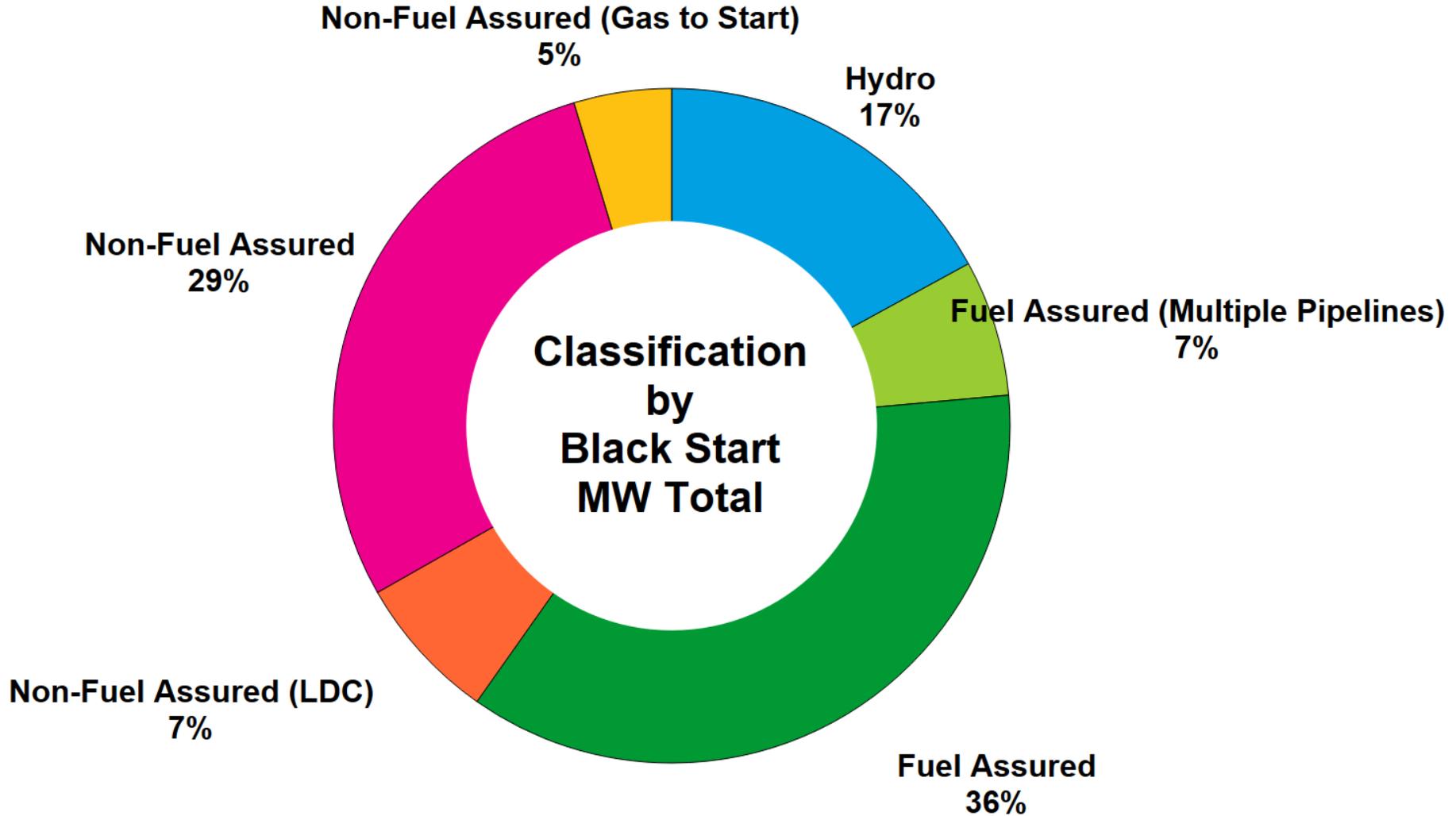
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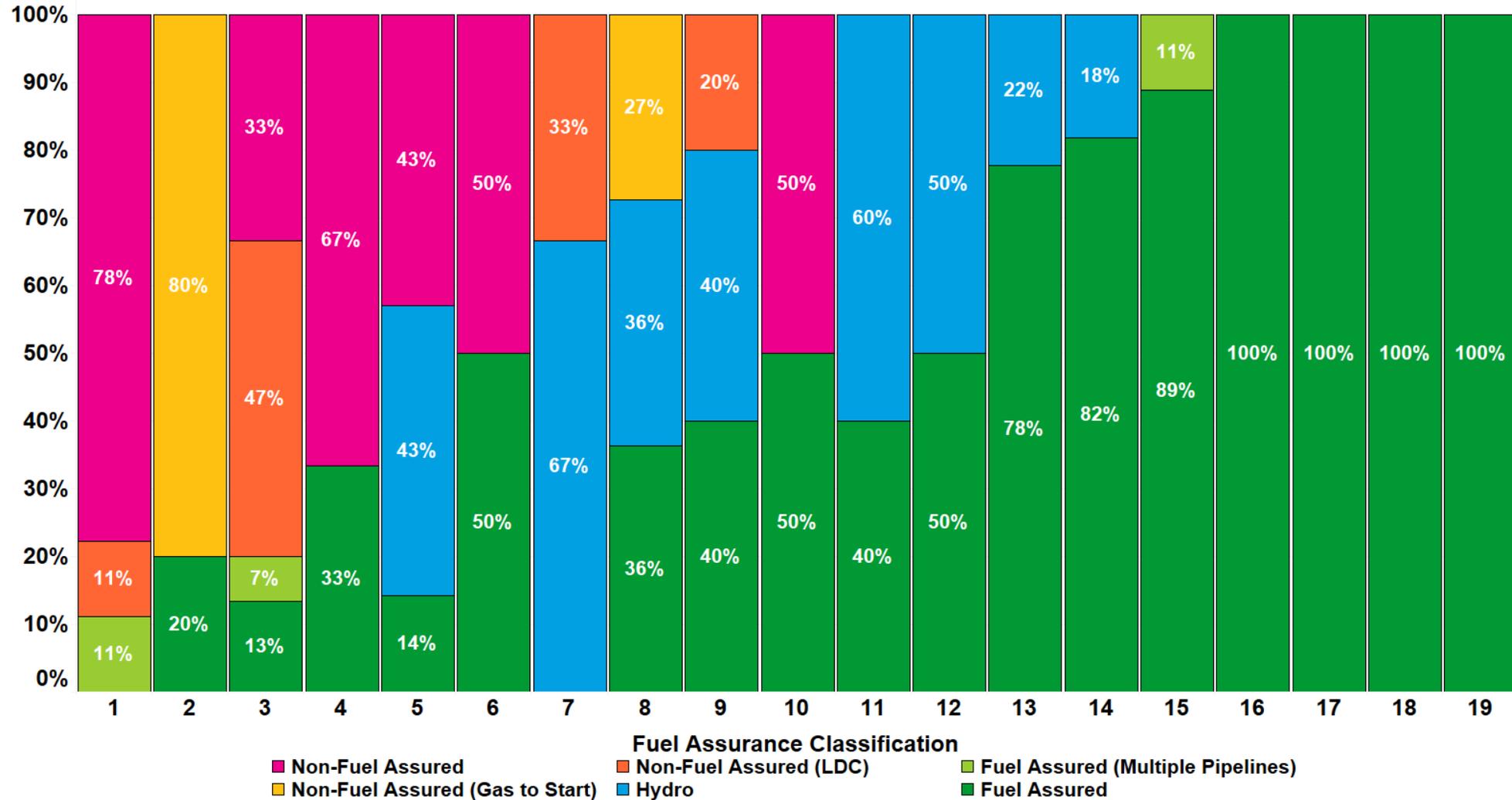
Classification	Description
Fuel Assured (FA)	Black Start sites that can operate using fuel that is stored on site, this includes oil units and dual fuel units with the capability to start without requiring gas
Fuel Assured (Multiple Pipelines)	Gas only Black Start sites that are connected to more than one interstate natural gas pipeline
Non-Fuel Assured (NFA)	Gas only Black Start sites with one interstate pipeline connection
Non-Fuel Assured (LDC)	Gas only Black Start sites that receive their gas supply via a LDC connection
Non-Fuel Assured (Gas to Start)	Black Start sites that have fuel storage on site but require natural gas for startup ignition
Hydro	Black Start sites that rely on natural river flow to generate electricity or store an inventory of water in an elevated reservoir



PJM Black Start Classification by MW Total



Zonal Black Start Classification by Unit Count



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Fuel Requirements for Black Start Resources