

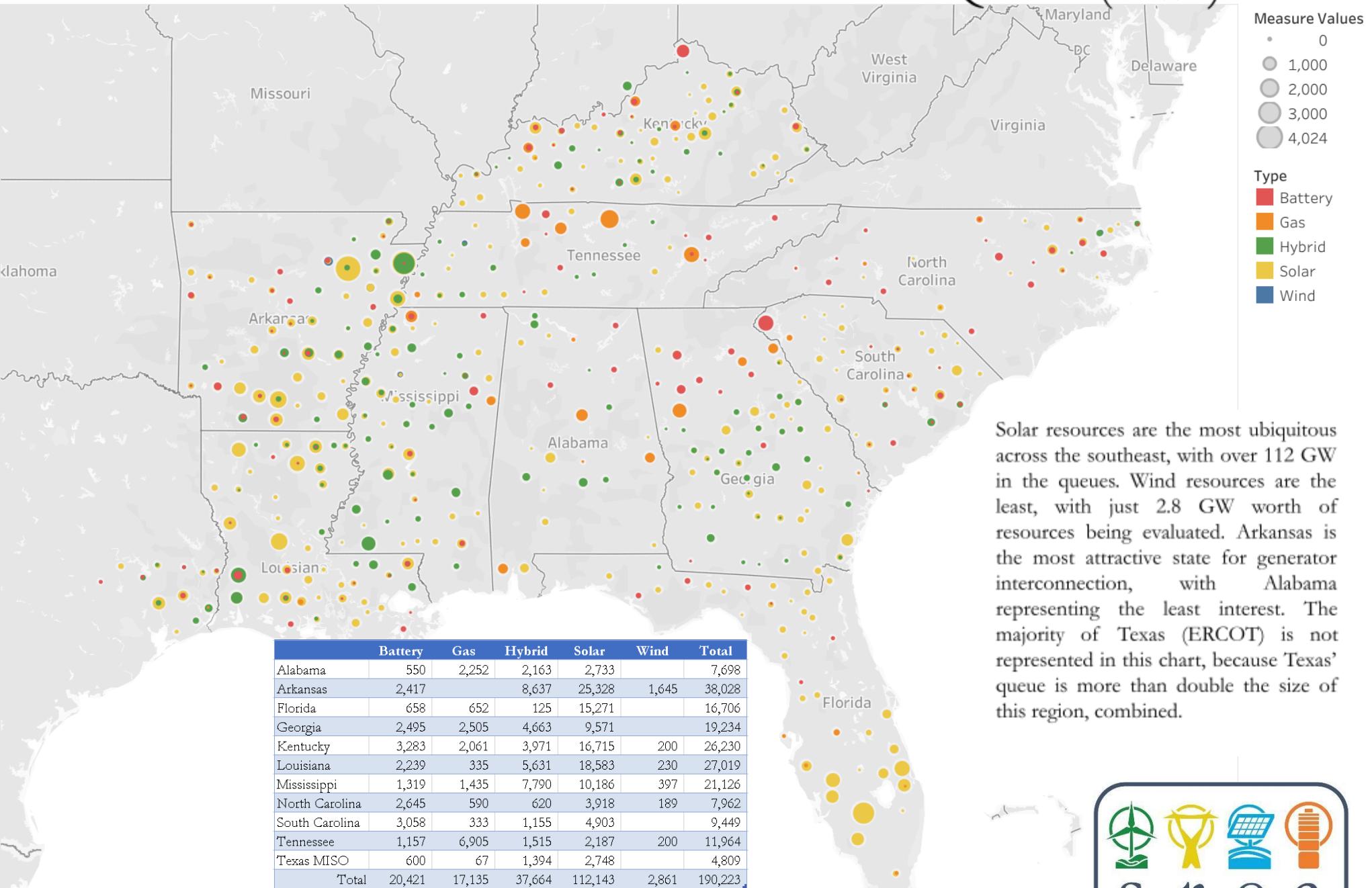
# Southeastern Generator Interconnection Queues

Generation Interconnection is the process used for new power plants to connect to the grid. The “queue” is the list of projects waiting to be studied. All generation resources are required to file requests in the queue to ensure the grid can handle the power from new facilities. After conducting numerous electrical studies, a local utility or regional transmission organization will inform a new power plant owner of any costs associated with upgrading the grid to enable connection. Many projects enter the queue; however, high upgrade costs can scuttle projects. Not all projects in the queues will be built, but it is a necessary first step for any type of generation development.

Summer 2024



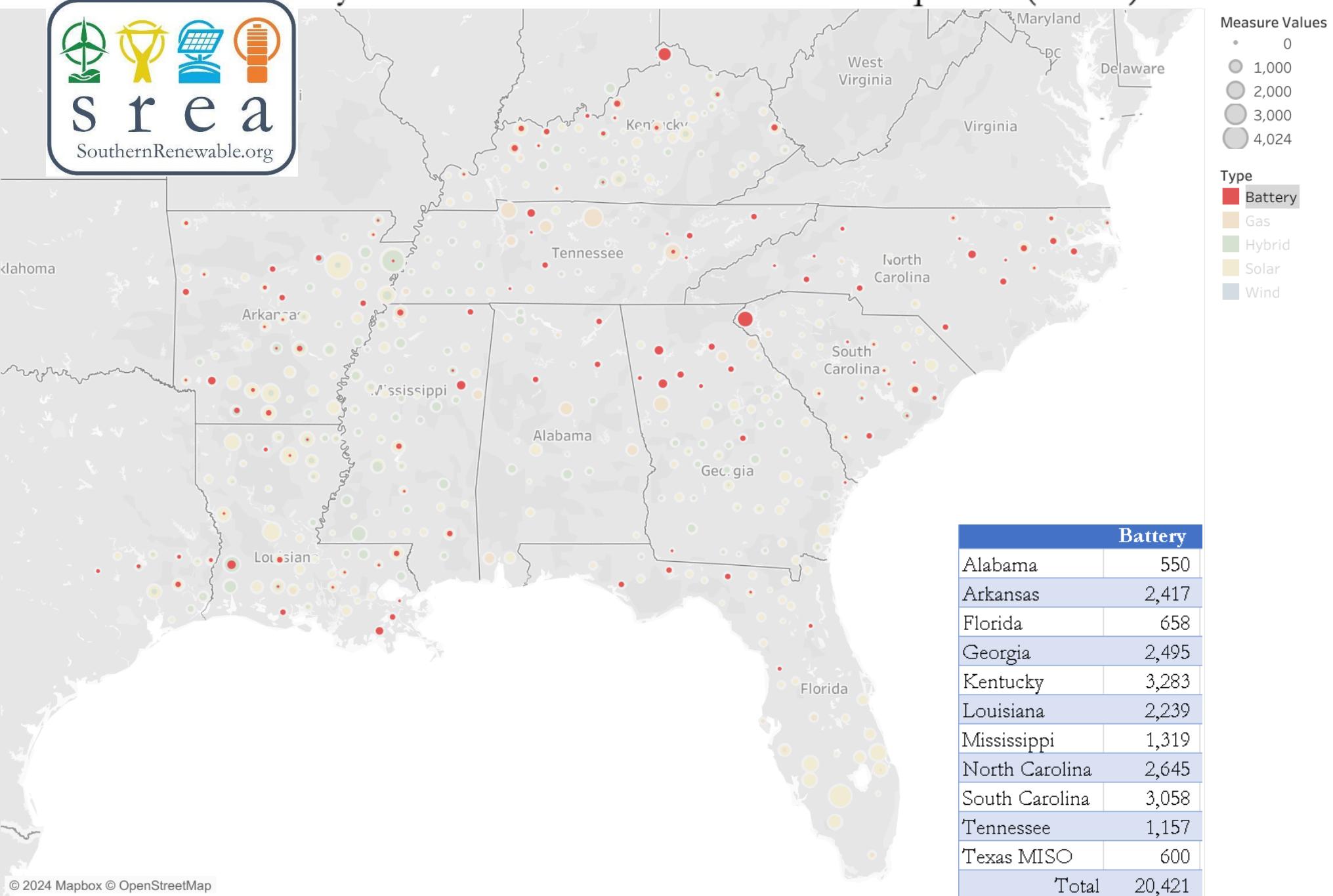
# Southeastern Generator Interconnection Queues (MWs)



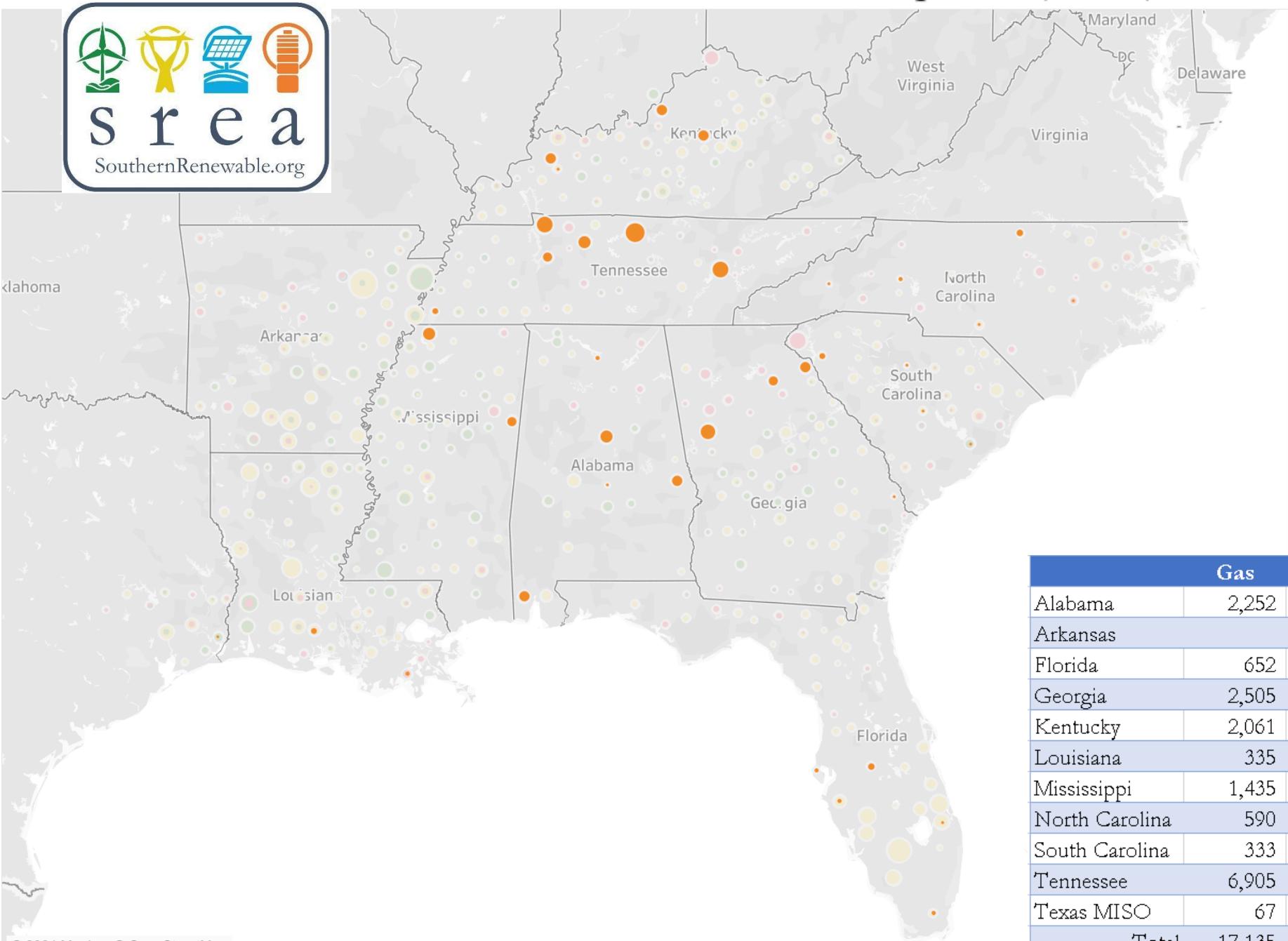
Solar resources are the most ubiquitous across the southeast, with over 112 GW in the queues. Wind resources are the least, with just 2.8 GW worth of resources being evaluated. Arkansas is the most attractive state for generator interconnection, with Alabama representing the least interest. The majority of Texas (ERCOT) is not represented in this chart, because Texas' queue is more than double the size of this region, combined.



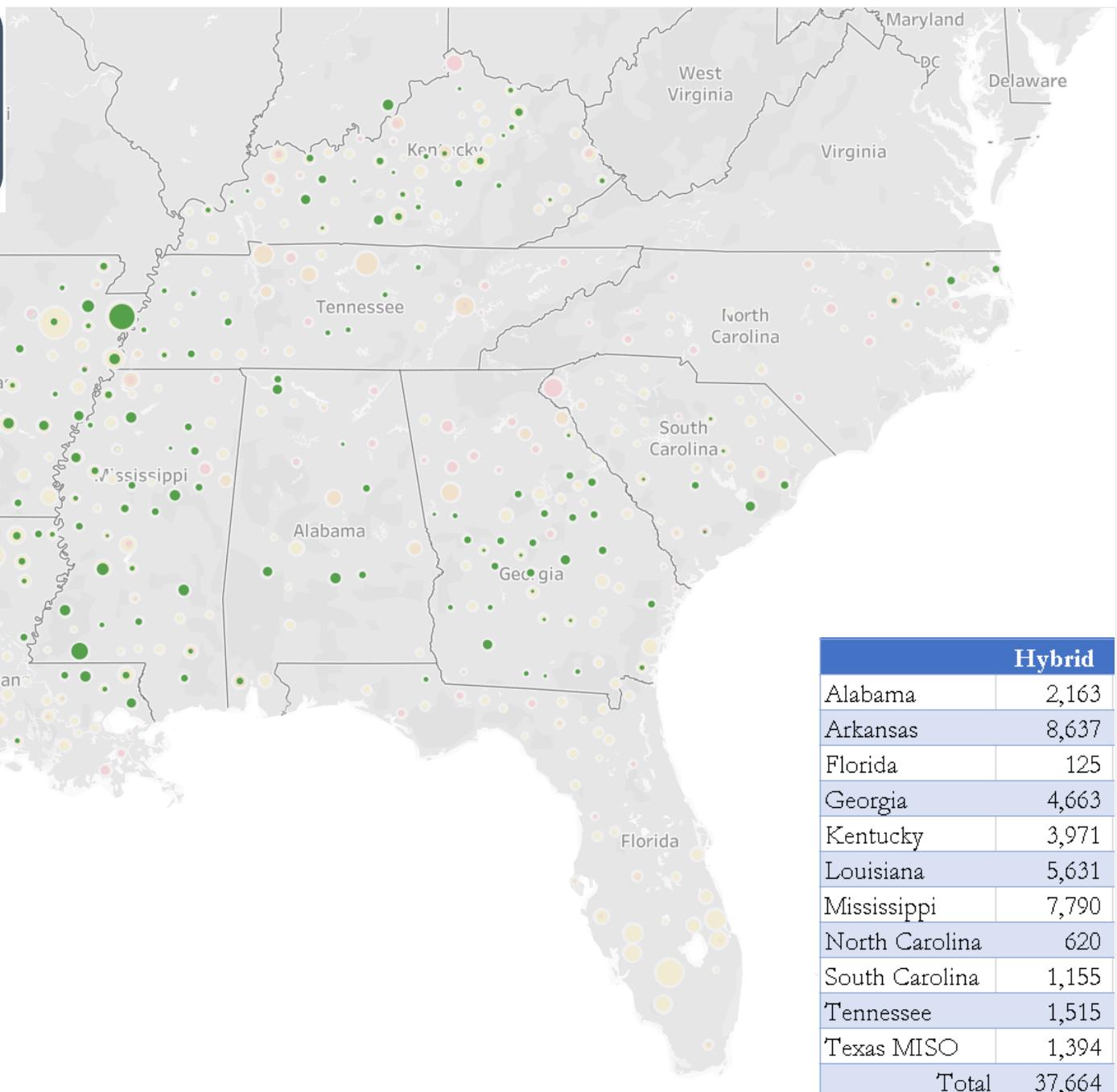
# Battery Generator Interconnection Requests (MWs)



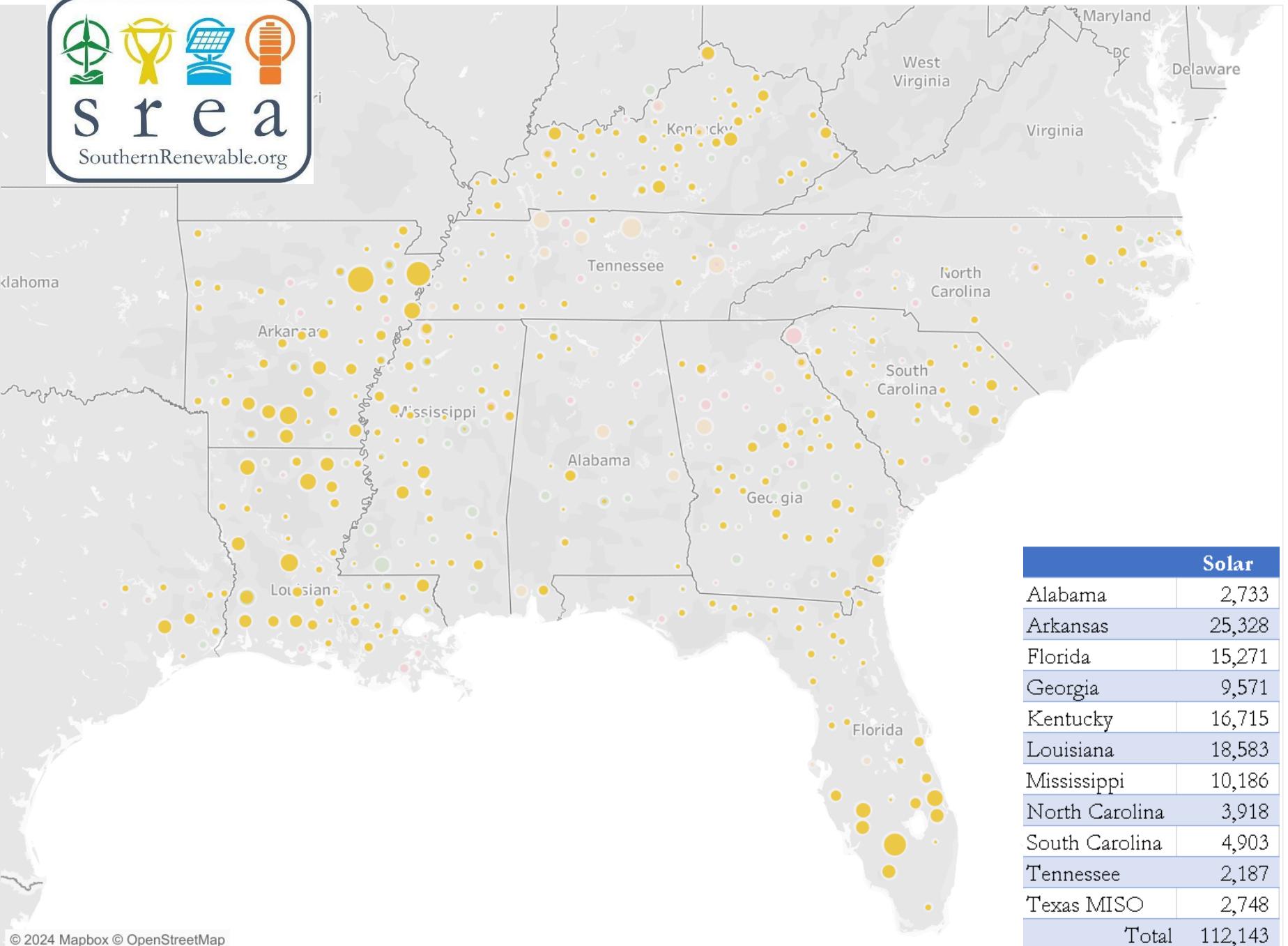
# Gas Generator Interconnection Requests (MWs)



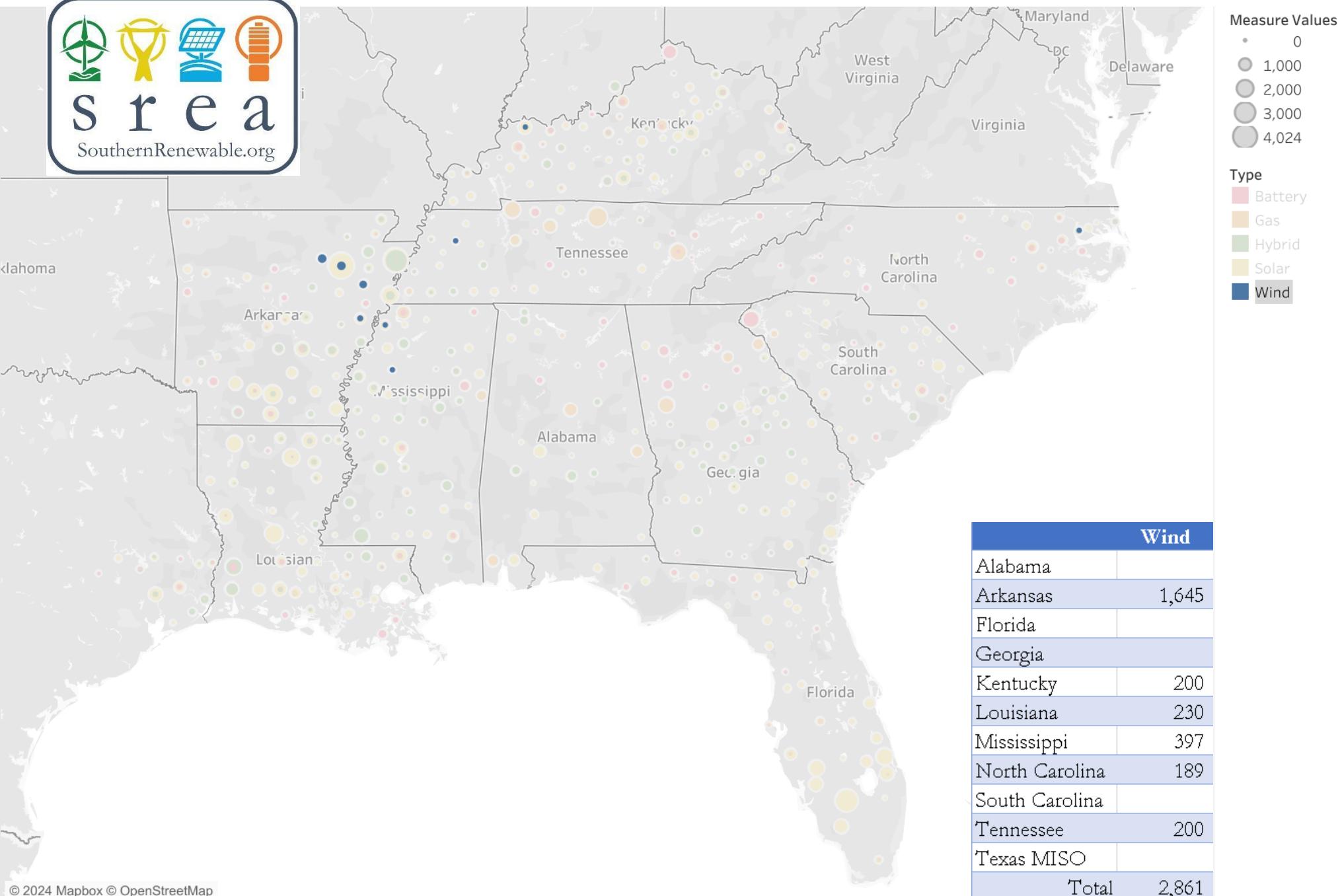
# Hybrid Generator Interconnection Requests (MWs)



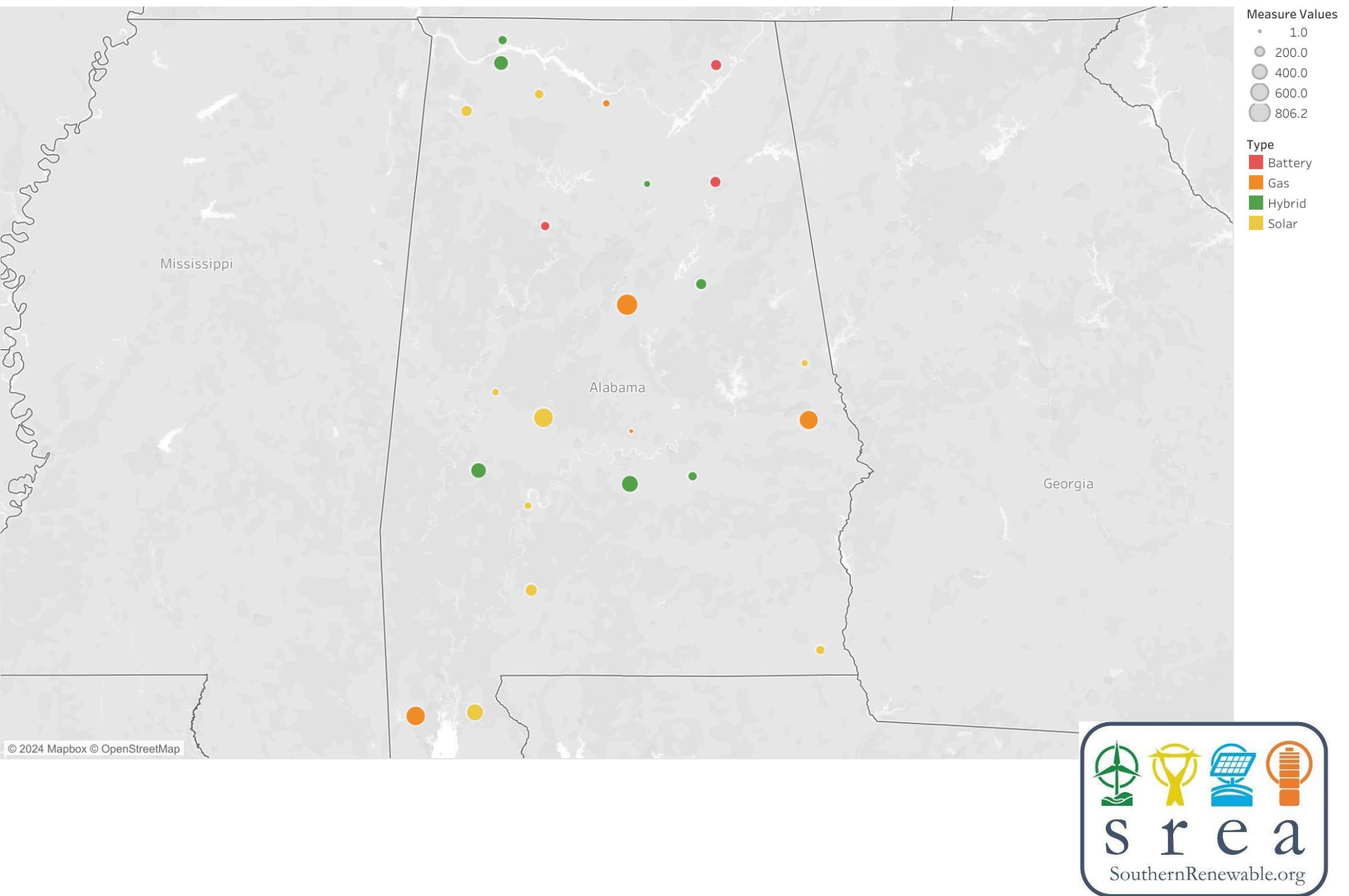
# Solar Generator Interconnection Requests (MWs)



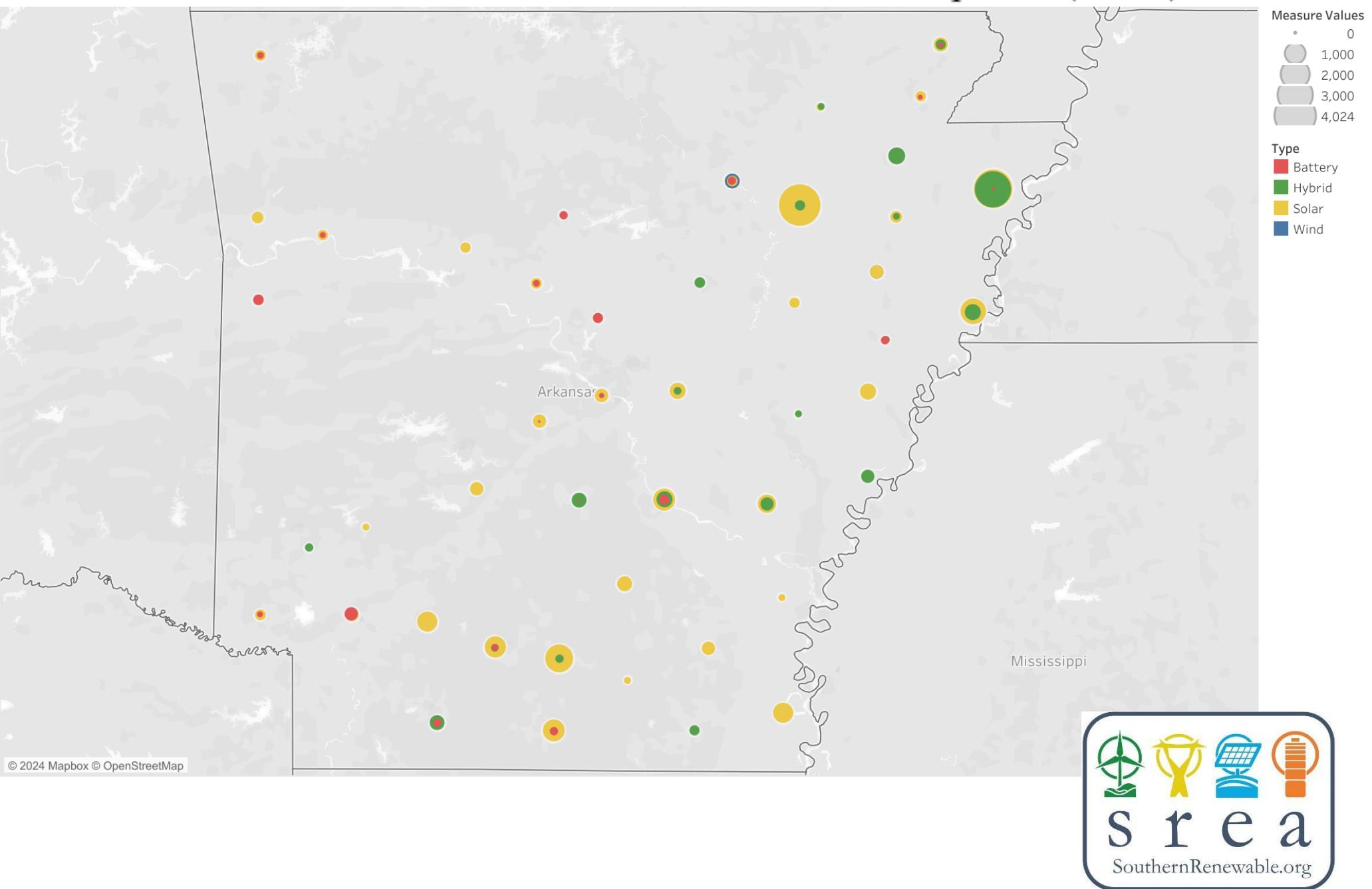
# Wind Generator Interconnection Requests (MWs)



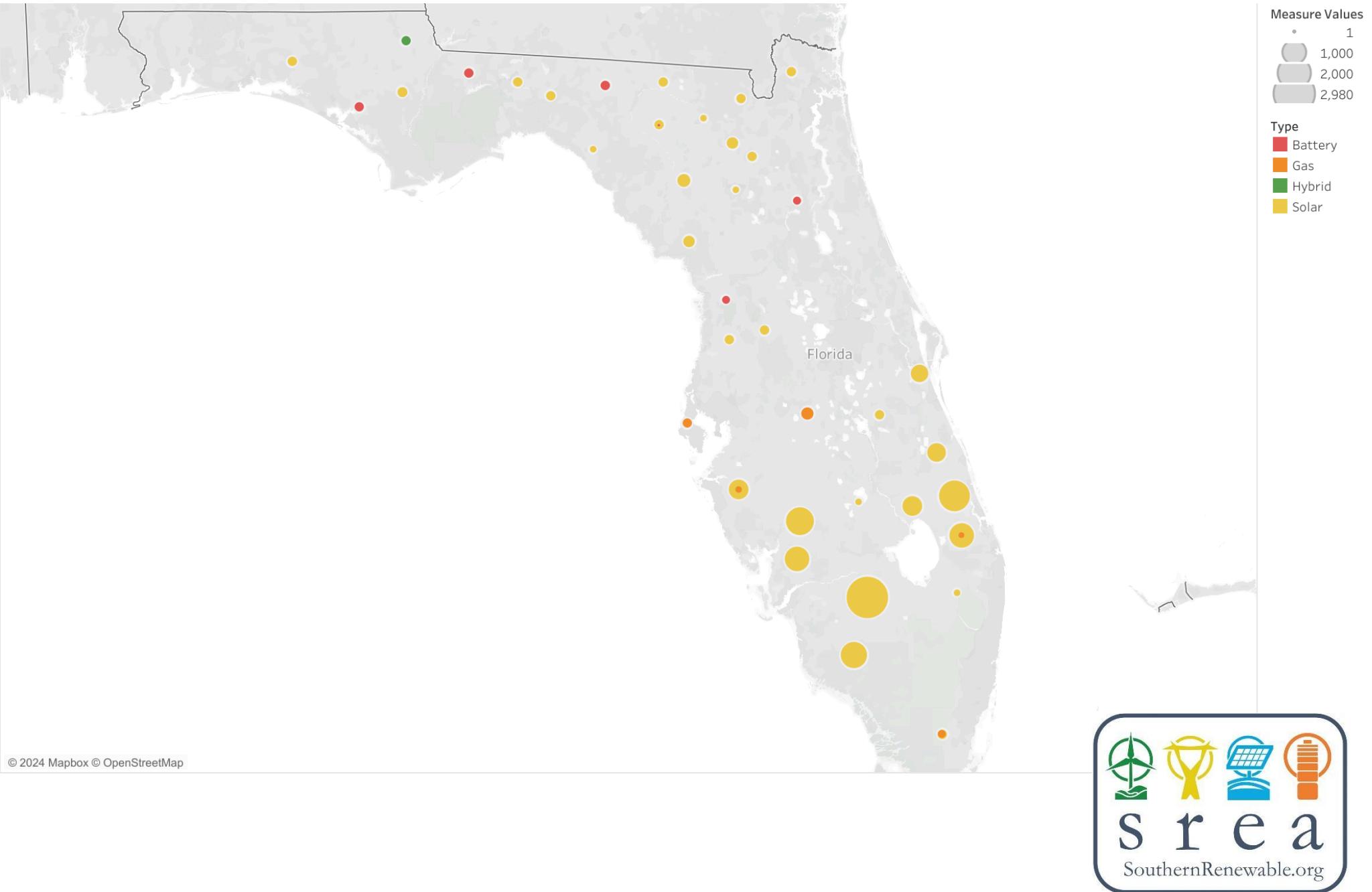
# Alabama Generator Interconnection Requests (MWs)



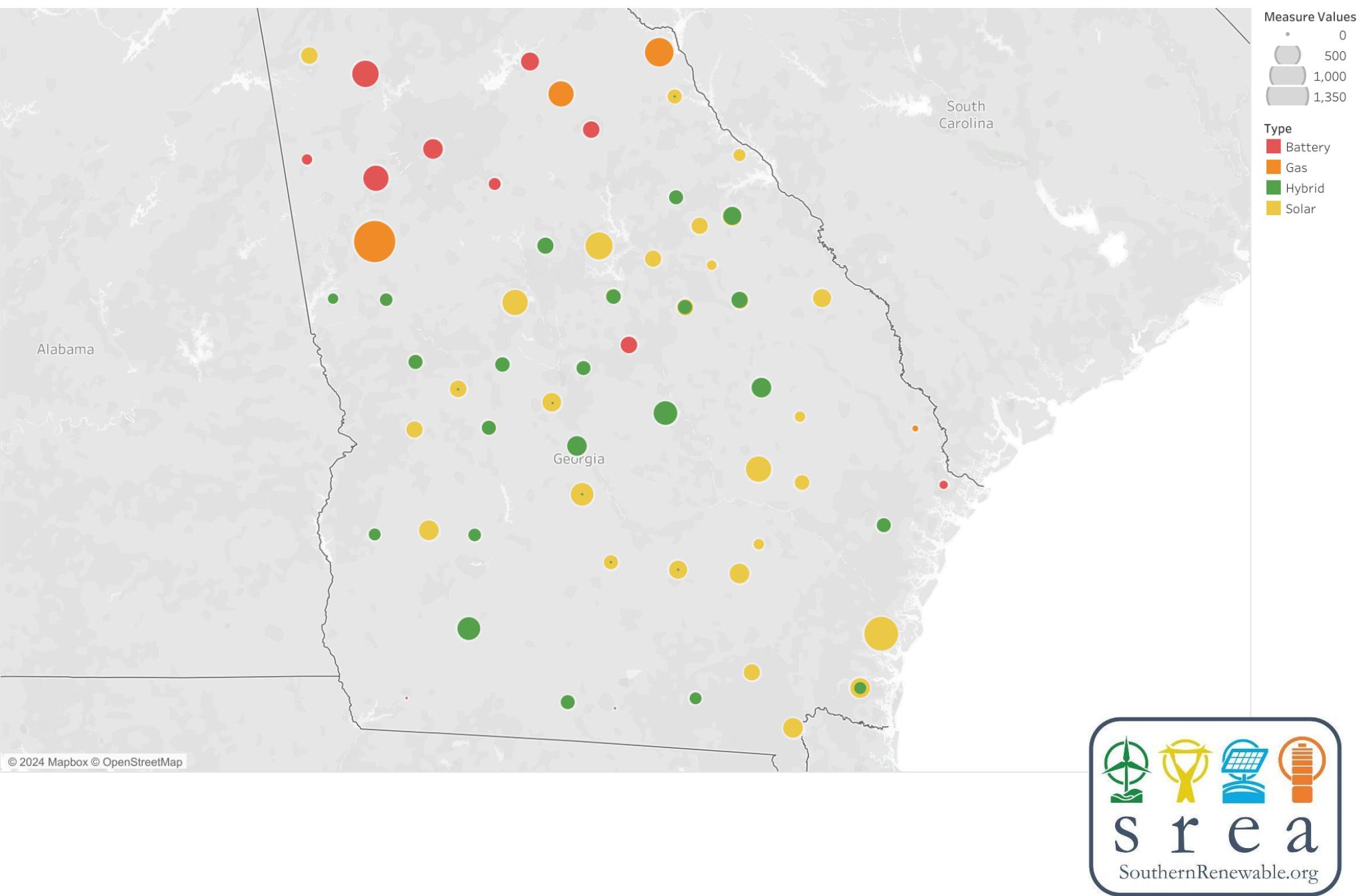
# Arkansas Generator Interconnection Requests (MWs)



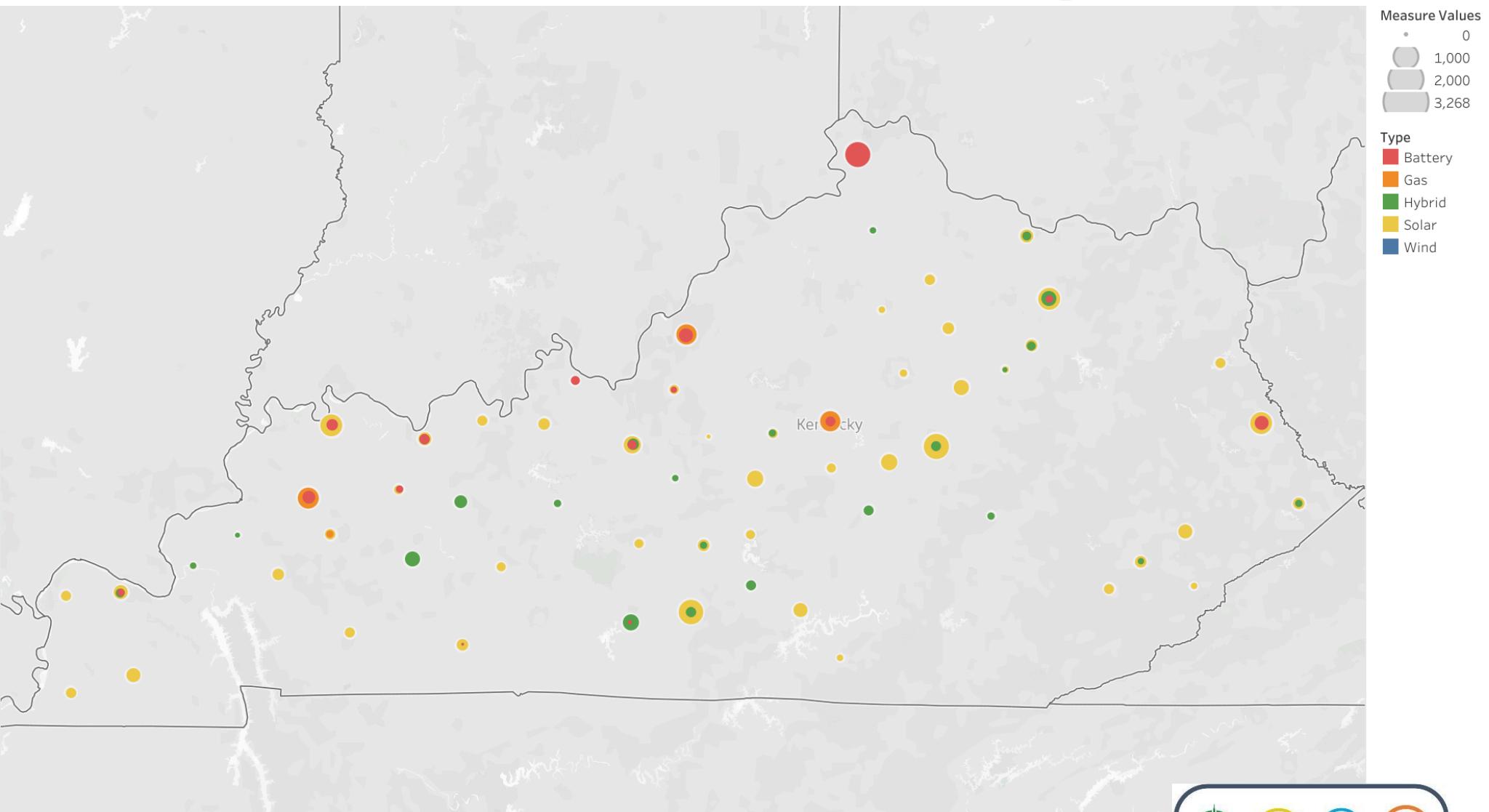
## Florida Generator Interconnection Requests (MWs)



# Georgia Generator Interconnection Requests (MWs)



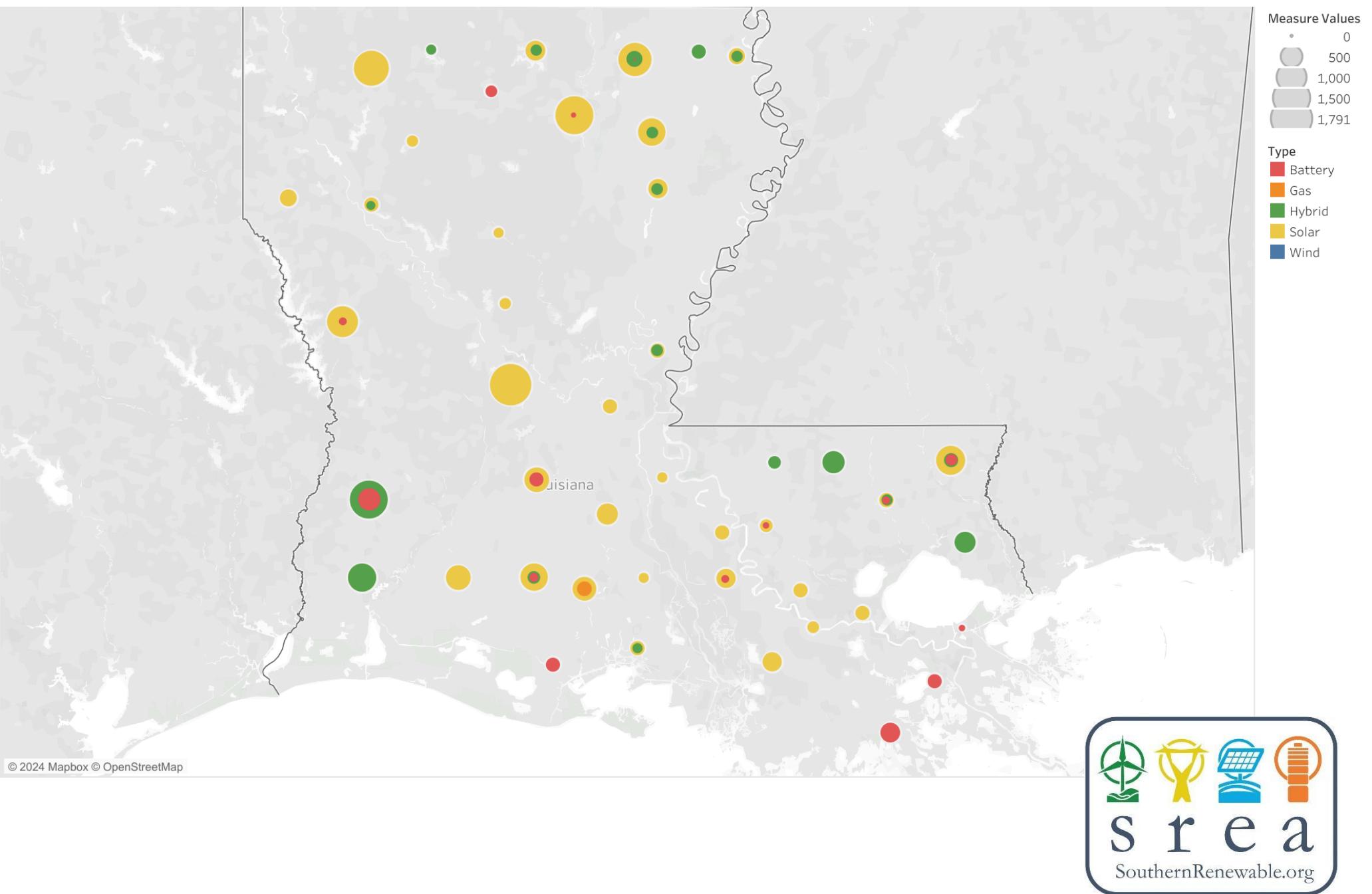
# Kentucky Generator Interconnection Requests (MWs)



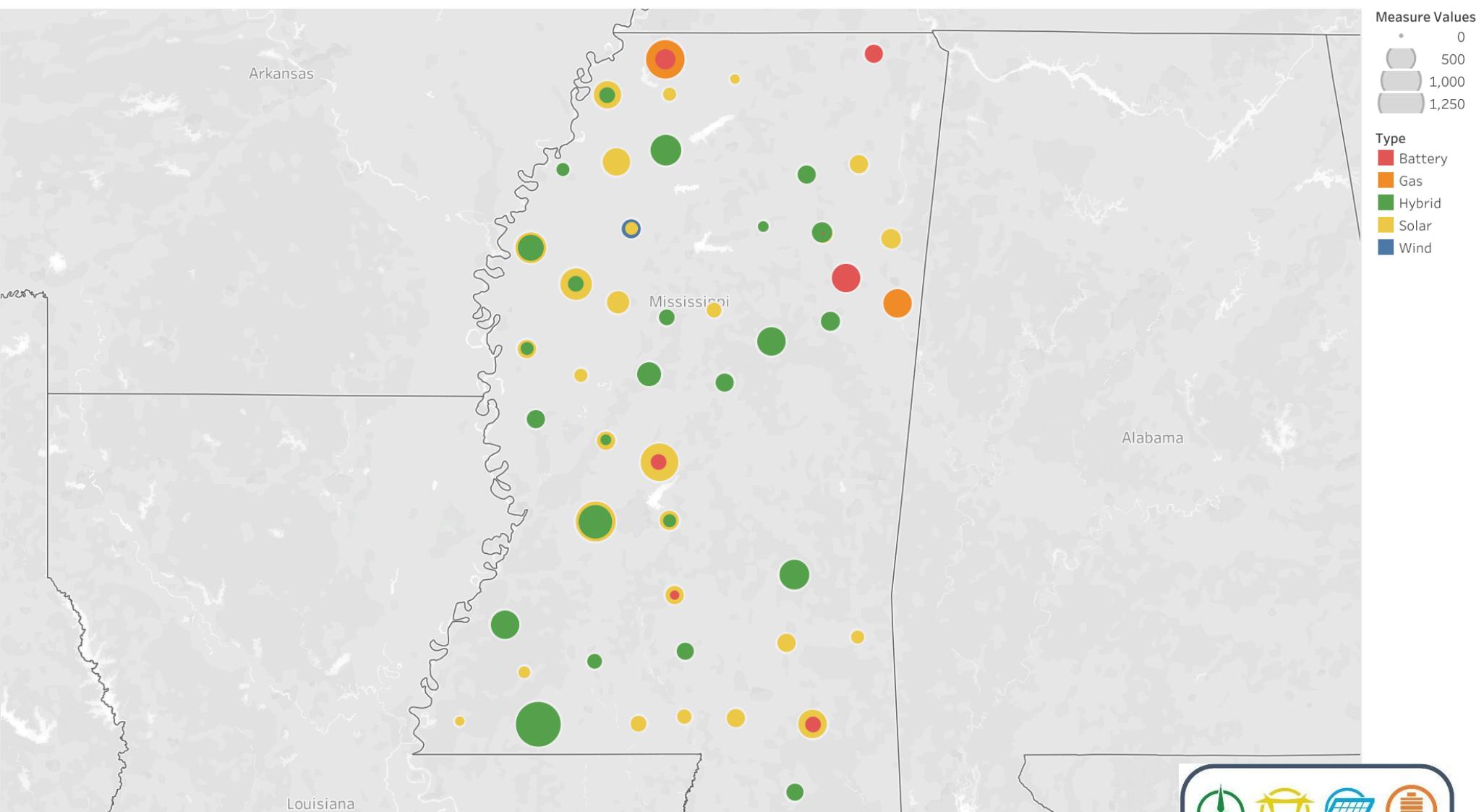
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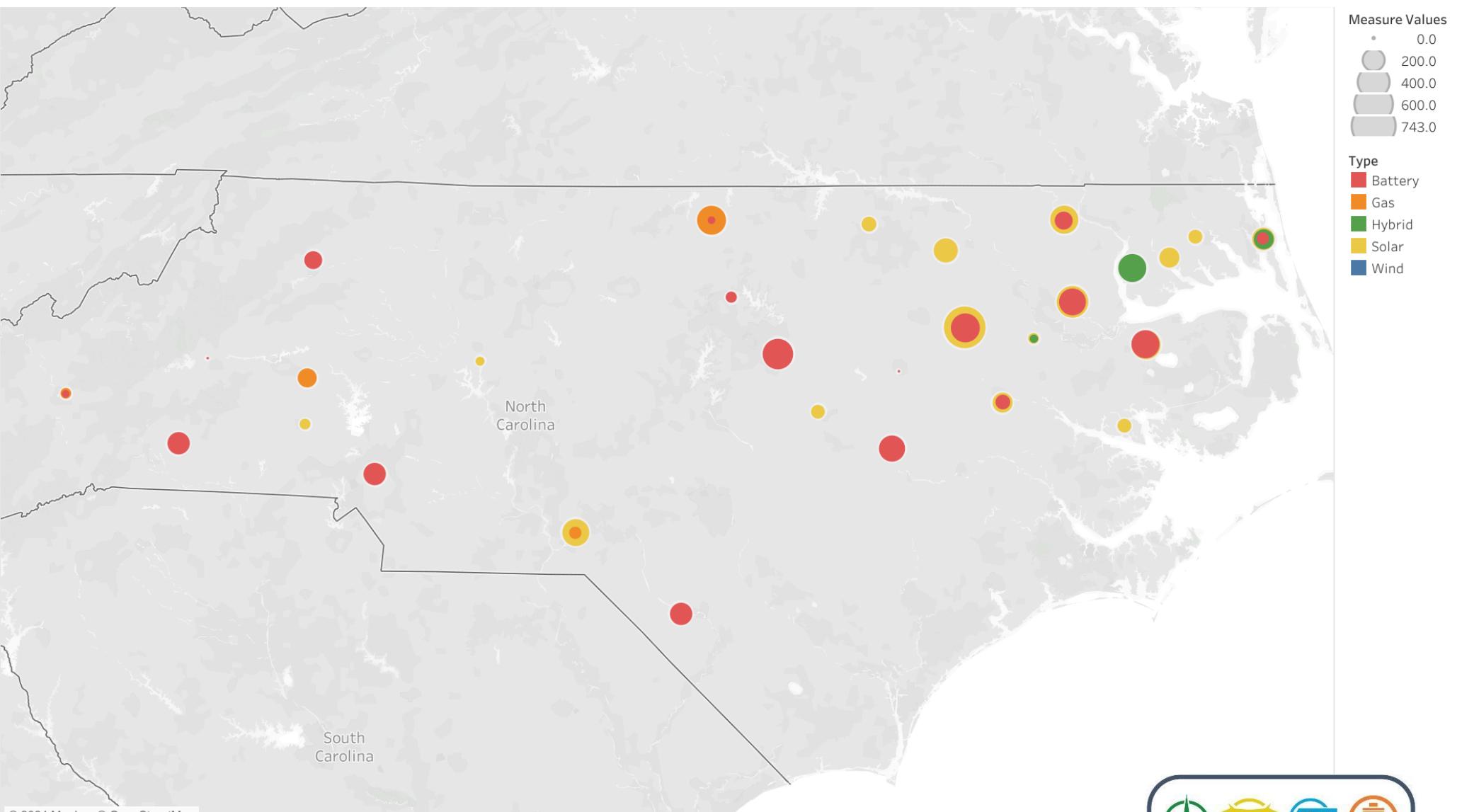
# Louisiana Generator Interconnection Requests (MWs)



# Mississippi Generator Interconnection Requests (MWs)



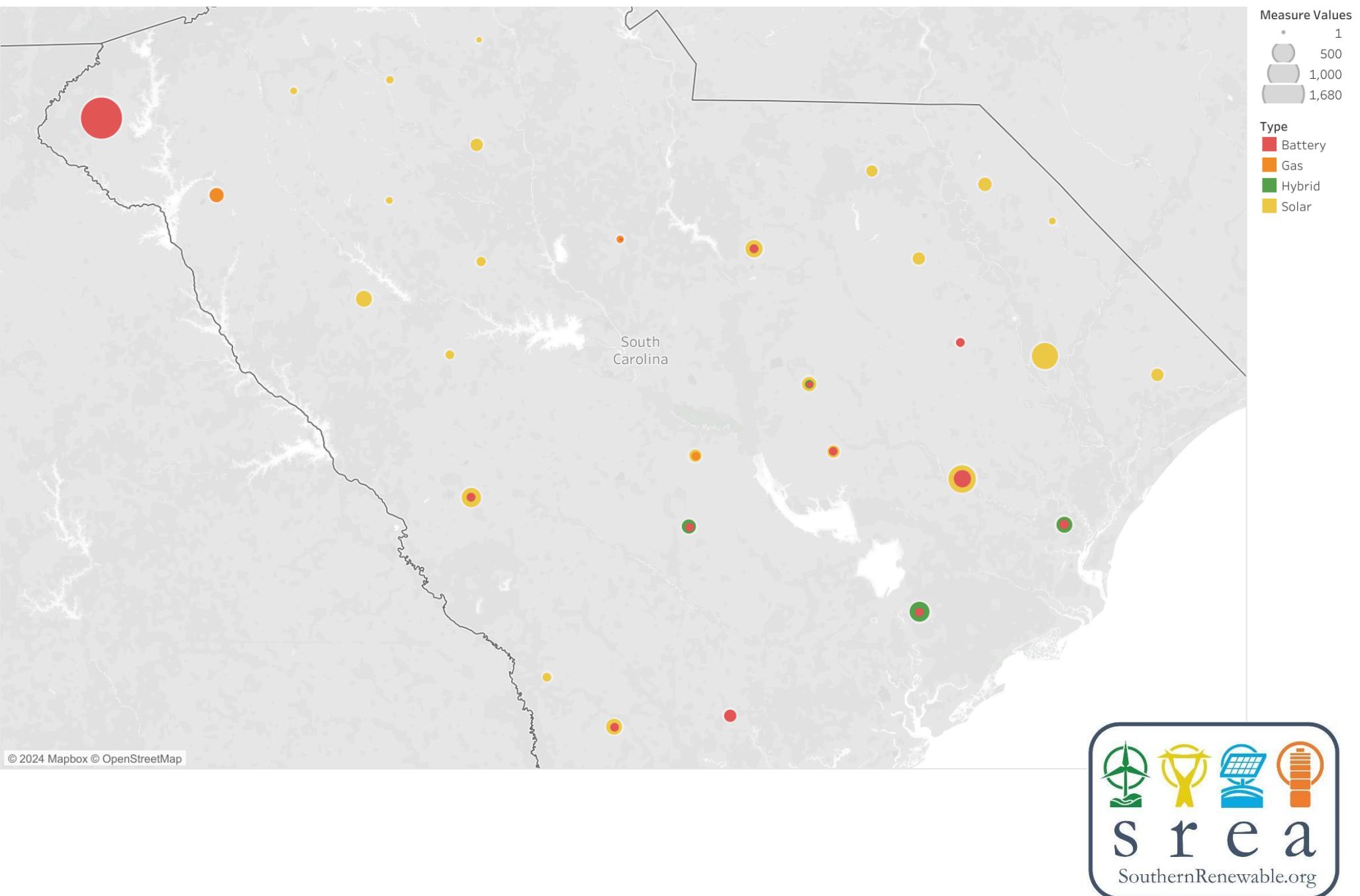
# North Carolina Generator Interconnection Requests (MWs)



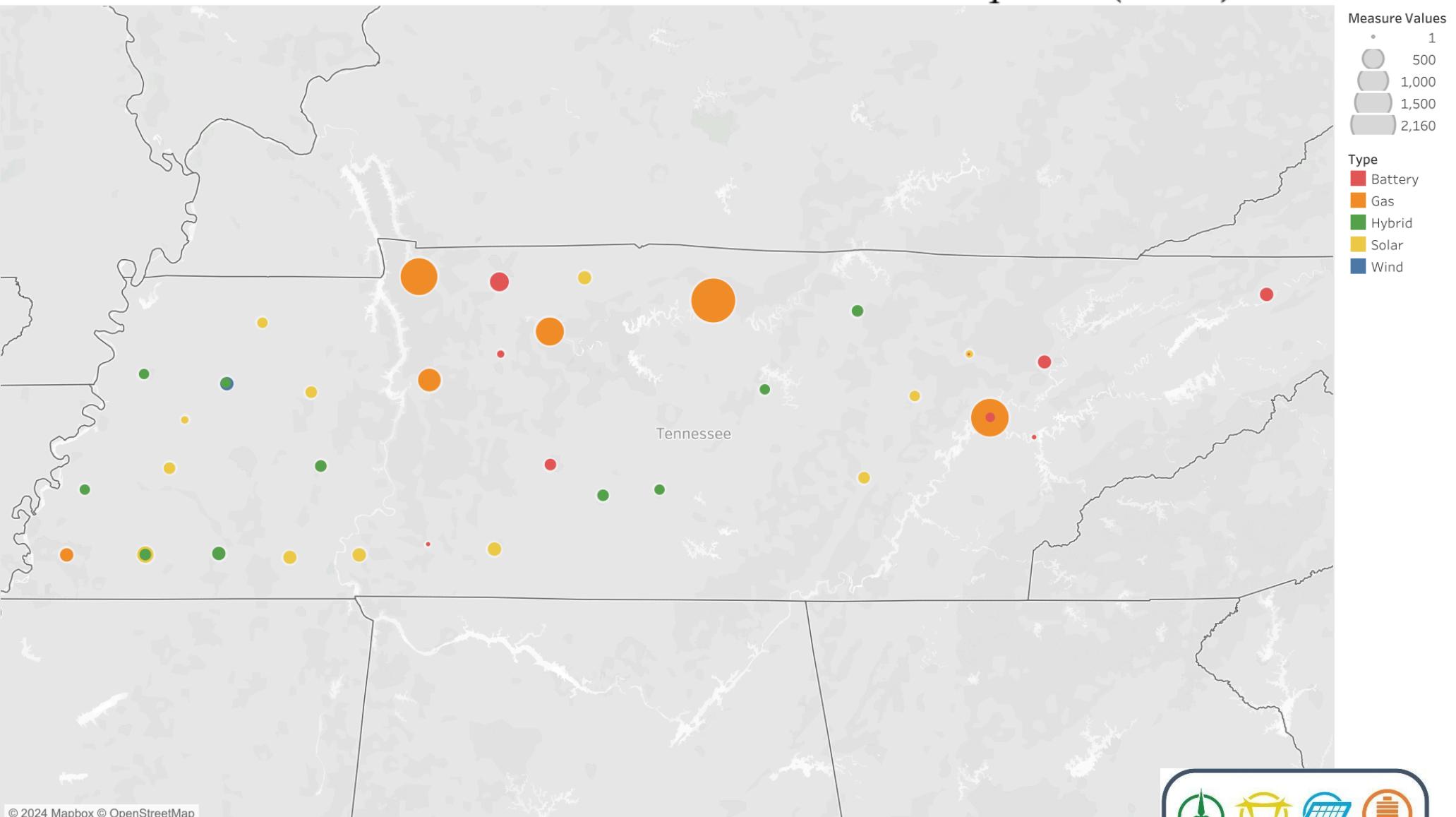
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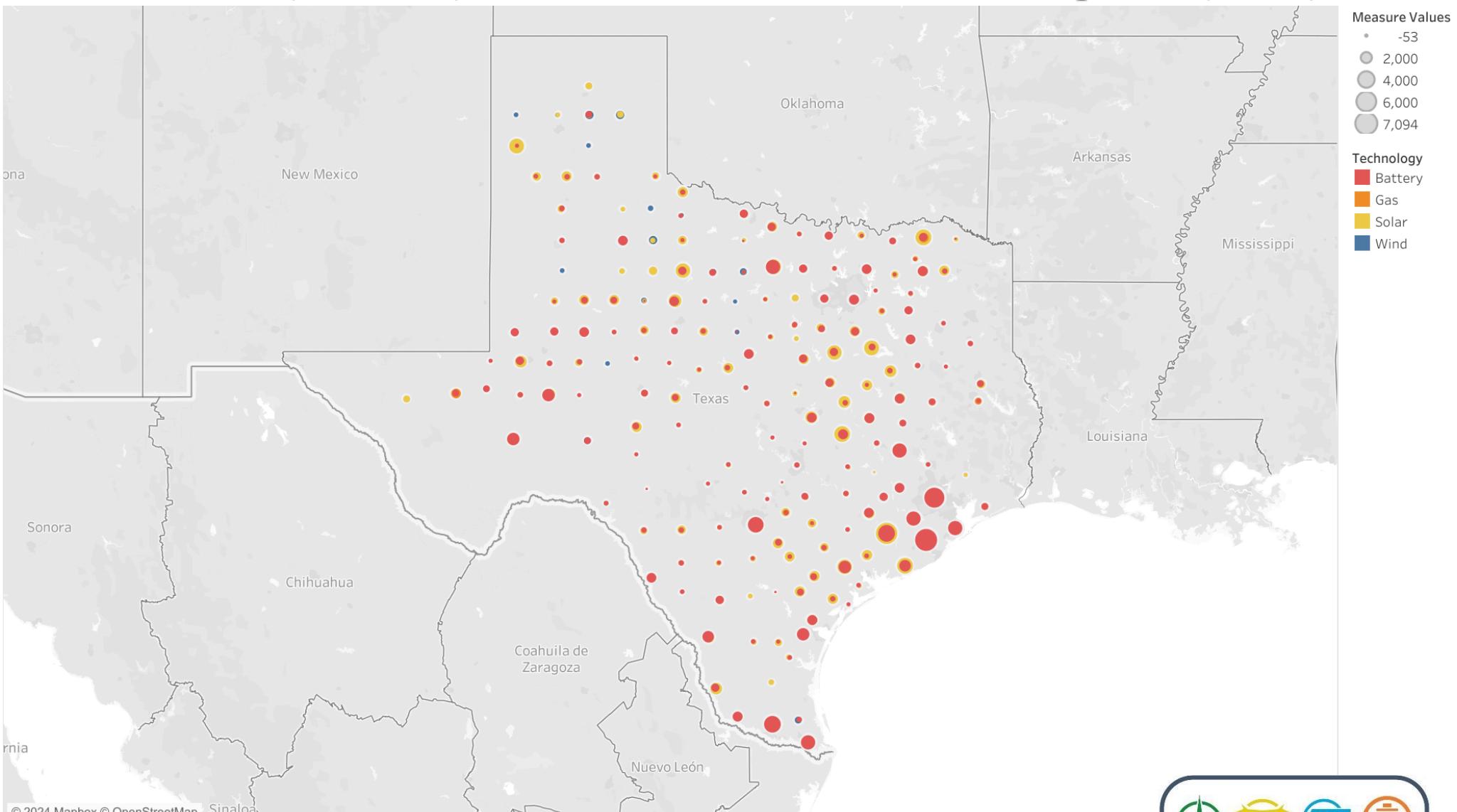
# South Carolina Generator Interconnection Requests (MWs)



# Tennessee Generator Interconnection Requests (MWs)



# Texas (ERCOT) Generator Interconnection Requests (MWs)



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Data were pulled from current generator interconnection queue lists provided by MISO, SPP, PJM, ERCOT, Southern Company, TVA, Duke Energy, FPL, GTC, Santee Cooper, Dominion South Carolina, LGEKU; however, smaller, non-FERC jurisdictional utilities (like some cooperative utilities and municipal utilities) were not included. Best efforts were made to highlight currently *active* generator interconnection requests. Withdrawn projects, projects that have gained interconnection agreements or constructed, and others were removed. Not all generation types were included due to small size or minimal requests; as such, biomass, hydro, HVDC, and nuclear were excluded. Data was collected from publicly available resources from April to May 2024.

#### **MISO**

[https://www.misoenergy.org/planning/resource-utilization/GI\\_Queue/gi-interactive-queue/](https://www.misoenergy.org/planning/resource-utilization/GI_Queue/gi-interactive-queue/)

#### **SPP**

<https://opsportal.spp.org/Studies/GIAActive>

#### **ERCOT**

[https://www.ercot.com/mp/data-products/data-product-details?id=P\\_G7-200-ER](https://www.ercot.com/mp/data-products/data-product-details?id=P_G7-200-ER)

#### **PJM**

<https://www.pjm.com/planning/service-requests/serial-service-request-status>

#### **Southern Company**

<https://www.oasis.oati.com/woa/docs/SOCO/SOCOdocs/Active-Gen-IC-Requests.pdf>

#### **TVA**

[https://www.oasis.oati.com/woa/docs/TVA/TVAdocs/OASIS\\_CurrentQueue.pdf](https://www.oasis.oati.com/woa/docs/TVA/TVAdocs/OASIS_CurrentQueue.pdf)

#### **Duke Energy**

<https://www.oasis.oati.com/duk/index.html>

[https://www.oasis.oati.com/woa/docs/FPC/FPCdocs/Oasis\\_Posting\\_Report\\_05152024.pdf](https://www.oasis.oati.com/woa/docs/FPC/FPCdocs/Oasis_Posting_Report_05152024.pdf)

#### **FPL**

[https://www.oasis.oati.com/woa/docs/FPL/FPLdocs/GIS\\_Queue\\_05\\_08\\_2024.pdf](https://www.oasis.oati.com/woa/docs/FPL/FPLdocs/GIS_Queue_05_08_2024.pdf)

#### **GTC**

[https://www.oasis.oati.com/woa/docs/GTC/GTCdocs/GI\\_Requests\\_OASIS\\_Posting\\_Mar\\_2024.pdf](https://www.oasis.oati.com/woa/docs/GTC/GTCdocs/GI_Requests_OASIS_Posting_Mar_2024.pdf)

#### **Santee Cooper**

[https://www.oasis.oati.com/woa/docs/SC/SCdocs/Generation\\_Queue\\_5-16-24\\_\(Published\).pdf](https://www.oasis.oati.com/woa/docs/SC/SCdocs/Generation_Queue_5-16-24_(Published).pdf)

#### **Dominion South Carolina**

[https://www.oasis.oati.com/woa/docs/SCEG/SCEGdocs/FERC\\_Queue\\_20240430\\_OASIS.pdf](https://www.oasis.oati.com/woa/docs/SCEG/SCEGdocs/FERC_Queue_20240430_OASIS.pdf)

#### **LGEKU**

[https://www.oasis.oati.com/woa/docs/LGEE/LGEEdocs/LGE\\_and\\_KU\\_GI\\_Queue\\_Posting\\_May\\_15,\\_2024.pdf](https://www.oasis.oati.com/woa/docs/LGEE/LGEEdocs/LGE_and_KU_GI_Queue_Posting_May_15,_2024.pdf)

