Georgia Power

Renewable Development

Solar Energy In Georgia

Wilson Mallard
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Benefits of Solar Energy to Georgia

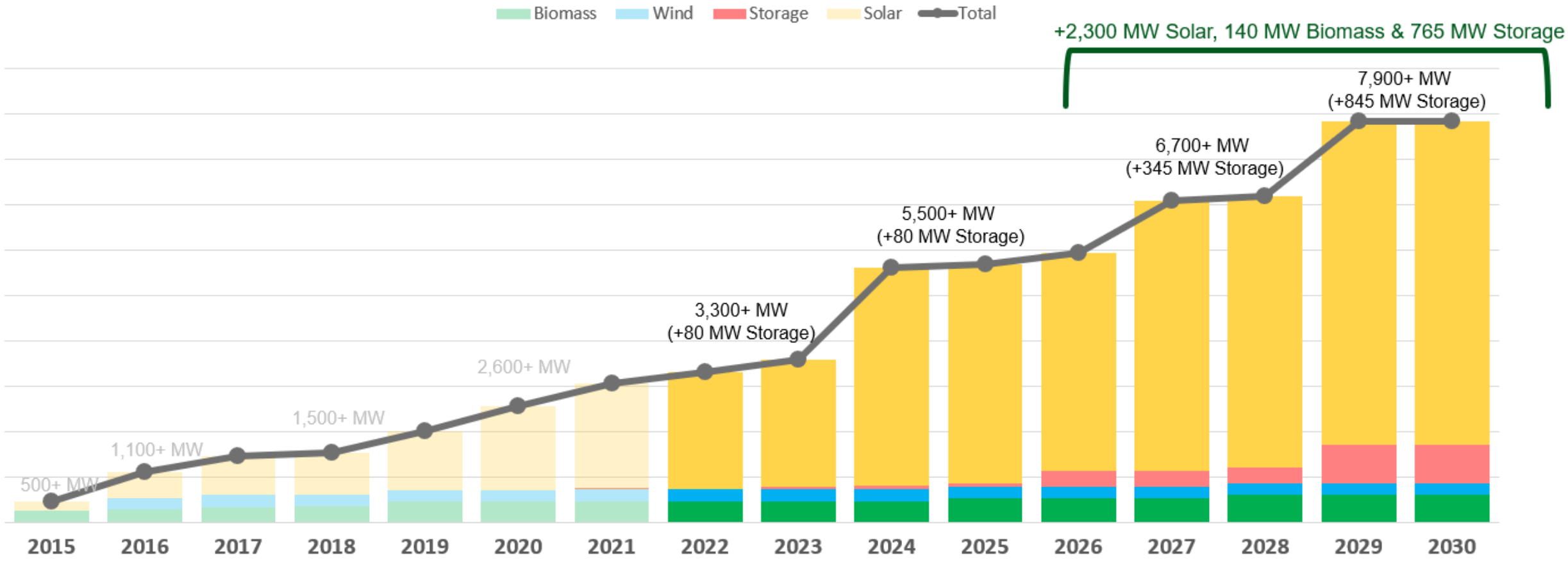
Low-cost, clean energy

Local investment in energy supply

Supports economic development

Typical Solar Farm Installation

Georgia Power Renewable & Storage Growth



Online

+ LSS, ASI, ASI Prime, & QF PPAs

+ Blue Canyon PPAs

Committed

+ REDI Utility Scale, DG and C&I PPAs

+ CRSP PPAs, DG PPAs & Biomass PPAs

2022 IRP

+ Utility Scale RFP, Biomass and DG

+ Utility Scale RFP, and DG

+ BESS

Continuation of BTM Programs: QF, RNR

+ Self-build Projects & Demos

REC Disclaimer: A portion of the renewable generation capacity included in this chart includes capacity where the renewable generator retains the related Renewable Energy Credits and the right to use and report them.

GPC Solar Request for Proposal (RFP) Process

- Industry-leading competitive solicitation regulated by the PSC
  - Approved in the IRP, goal is to deliver the most value to Georgia and GPC customers
  - RFP and PPAs are subject to review by stakeholders and approved by the PSC
- Process and Selection Overview
  - Bids are evaluated considering price, interconnection, and environmental impacts
  - Projects are approved through a certification hearing process at the PSC
- Environmental Review
  - Bidders provide Environmental Site Assessment & Compliance affidavit at bid submission, then an additional Environmental Assurance package
  - Evidence of engagement with the local community, county/municipal governments, etc.
- Local Land Use Compliance Through Local Authorities
  - City and County commissions, Planning and Zoning, etc.

Georgia Power Self Build Solar Projects

- Georgia Power Self Build Solar and Storage projects are developed under authority granted by the PSC

- All projects are built and operated to industry standards, with particular attention to environmental impacts

- Each project carries an End of Life “Asset Removal Obligation”
  - The ARO liability includes the cost estimate to dismantle the solar generation site and return the land back to it’s near original state, as well as the estimated cost to recycle the panels once they are removed.
  - Asset Removal Obligation (ARO) are set up for solar facilities under a long-term land lease:
    - Agreements specifically address restoration by typically stating that the tenant or lessee “shall restore” the land to its substantially same condition

Georgia Solar Model Ordinance

UNIVERSITY OF GEORGIA EXTENSION

EMORY LAW | Turner Environmental Law Clinic

Georgia Tech Strategic Energy Institute

A university partnership designed to develop a model solar zoning ordinance to provide county and city officials and other decision-makers in Georgia access to best practices and a common baseline from which to work.

A comprehensive document that addresses multiple scales and types of solar energy systems that can be adapted to varying needs:

- Defines size / type of new solar facilities that can locate in different parts of a city / county
- Provides facility setbacks and height limitations
- Protects against nuisance / aesthetics concerns
- Defines & prescribes site plan requirements

For more information: Georgia Solar Model Ordinance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