

FUTURE SUSTAINABLE ENERGY SYSTEMS

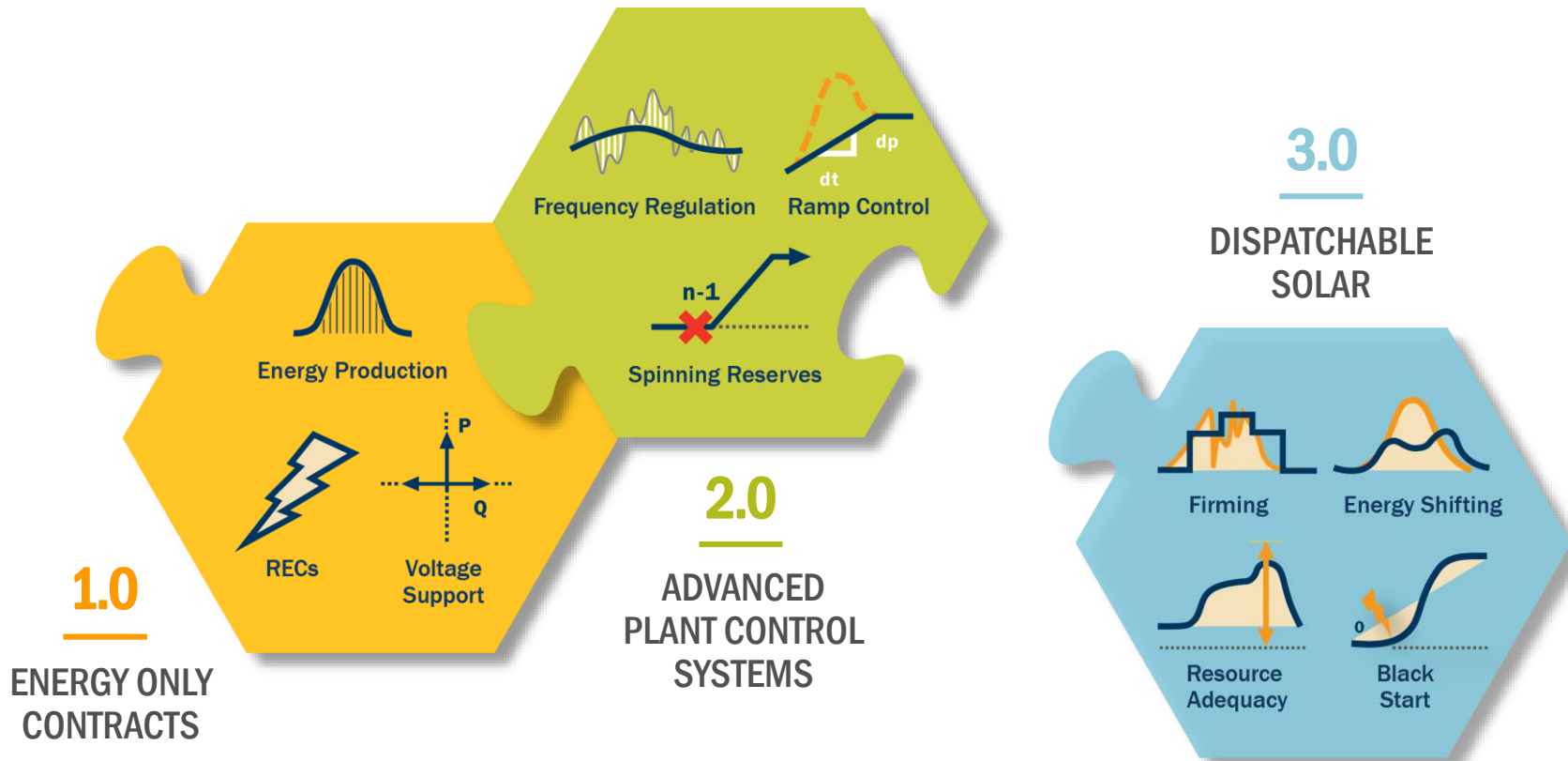
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LEADING THE WORLD'S
SUSTAINABLE ENERGY FUTURE



EVOLUTION OF THE ELECTRICITY GRID



CREATING A PLATFORM FOR DISPATCHABILITY

DISPATCHABILITY PLATFORM

COLLABORATION

Bringing together utilities, regulators, and industry to collaborate on new PPA constructs

DESIGN

Designing procurement systems that require flexible dispatch and grid services from variable resources

RULEMAKING

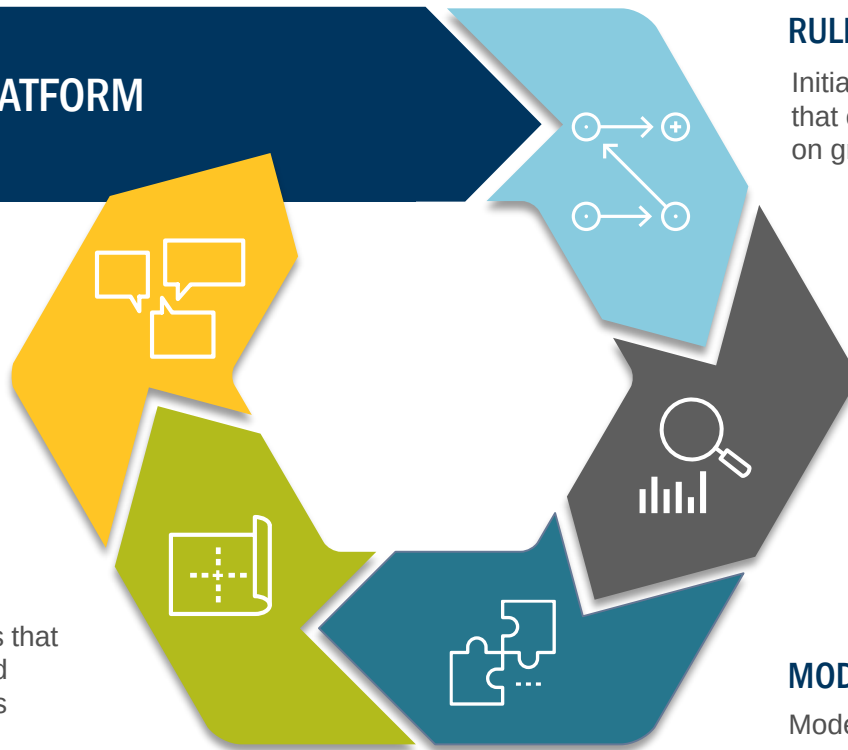
Initiating rulemaking proceedings that ensure proper value is placed on grid flexibility

PROCESSES & PROCEDURES

Modifying processes and procedures to value flexibility in all resources.

MODELING

Modeling variable renewable energy resources as dispatchable during resource planning.



WHY IS GRID FLEXIBLE SOLAR IMPORTANT?

As a **least-cost new resource**, more solar is added to the power grid every day.

As **solar penetration increases**, its patterns of energy production must be managed in new ways to match changing energy use throughout the day.

Today, **grid operators** often **rely on fossil-fueled generators** to match energy production and consumption, rather than clean resources.

Solar has untapped capabilities that enhance the flexibility of the grid to match supply and demand.

Solar is the future of conventional generation, capable of delivering energy when and how it is needed.



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