

Mississippi Renewable Energy and Energy Efficiency Update

Mississippi Issues

MS State University Recognized for Energy Efficiency, Emissions Reduction

The Tennessee Valley Authority (TVA) [has recognized MSU](#) with a 2019 Carbon Reduction Award for improving energy efficiency and reducing carbon emissions. MSU has implemented a wide range of efficiency measures saving over \$60 million in utility costs since 2006. Over that same time, energy usage per building square foot has been reduced by over 40 percent.

Average Monthly Electricity Bills for Residential Customers Rose in 2018

Although average monthly electricity bills for residential customers in the United States decreased from 2015 to 2017, they rose in 2018. The average monthly bill in 2018 was \$117.65, up \$5.98 (5.4%) from the \$111.67 average bill in 2017. **Mississippi** is ranked fifth highest in the nation, with an average monthly bill of \$138.63. The average monthly bill increases in **Mississippi** were the results of higher levels of consumption. Utah had the lowest average monthly residential electricity bill in the United States in 2018 at \$77.25

Highest average residential electricity bills, 2018

State	Number of customers	Average monthly consumption (kWh)	Average price (cents/kWh)	Average monthly bill (\$)
Hawaii	436,266	518	32.47	168.13
Connecticut	1,503,701	724	21.20	153.46
Alabama	2,229,472	1,236	12.18	150.54
South Carolina	2,290,200	1,159	12.44	144.20
Mississippi	1,290,281	1,247	11.12	138.63

Source: U.S. Energy Information Administration, Form EIA-861, [Annual Electric Power Industry Report](#)

Note: kilowatt-hours (kWh)

REAP Helps Rural Mississippi Businesses Make Energy Efficiency Improvements, Adopt Renewable Energy Systems

The U.S. Department of Agriculture (USDA) [announced](#) it is investing \$237 million to help farmers, ag producers and rural-based businesses lower energy costs. The Department is [providing 640 awards](#) to applicants in all 50 states. Recipients can use REAP funding for energy audits and to install renewable energy systems such as biomass, geothermal, hydropower and solar. The funding can also be used to increase energy efficiency by making improvements to heating, ventilation and cooling systems; insulation; and lighting and refrigeration.

In **Mississippi**, nine (9) farms and rural businesses received grants for various projects including upgrading lighting, HVAC, insulation, and doors to solar installations. For example, **Vicksburg Forest Products LLC in Vicksburg, Miss.**, will receive a \$250,000 grant to upgrade lighting and make improvements to a compressed air system, which will lower electrical consumption by an estimated 63 percent a year, enough to power 462 homes. The grants coming to Mississippi total \$565,572. In most cases, these grants will be leverage against private investments up to three times the grant amounts.

Bayou Fuels Planning Carbon-Negative Biofuels Production in Natchez

The Bayou Fuels project will take [waste woody biomass and convert it into transportation fuels](#), such as diesel for heavy trucks and sustainable aviation fuel, using Velocys' proprietary Fischer Tropsch process. Oxy Low Carbon Ventures, LLC will then [capture the carbon dioxide emissions](#) and securely store it underground in a geologic formation. The facility is expected to reach a Final Investment Decision by 2021 and could be producing fuel by 2024.

Summary of Actions Taken at the MS Public Service Commission (Oct. – Dec.)

Since October, the MPSC has had its monthly docket meetings along with special meetings. A summary of key actions and decisions is below:

MPSC Regular Meeting – October 1

On October 1, the MPSC held its [regular docket meeting](#). The meeting actions were reported in the previous Update.

MPSC Special Meeting – October 24

On October 24, the MPSC held a [special meeting](#) to consider items and hold a public hearing. See the meeting [agenda](#).

Atmos Energy, Docket No. 2005-UN-503, Stable Rate Annual Evaluation: Under a Joint Stipulation with the MPUS, Atmos agreed to reduce its revenue requirement by \$4.5 million in return for the opportunity to earn a reasonable rate of return on new infrastructure investments. Commission [adopted](#) the [Stipulation](#).

Atmos Energy, Docket No. 2005-UN-503, Petition to Exceed \$5 M in Supplement Growth Rider (SGR) Projects: The SGR was created to encourage economic development and job creation in MS via an incentive to extend gas service to potential industrial sites. In fiscal year 2020, Atmos expects to spend \$6.2 M to extend service to the Lucedale Industrial Park and \$500 K at the Continental Tire site. The Commission [approved](#) the extra spending.

Atmos Energy, Docket No. 2015-UN-049, Proposed Capital Budget for FY 2020: Atmos and MPUS entered into a Joint Stipulation that resulted in a projected monthly rate impact (increase) of \$1.82 for a typical residential customer. This agreement sets the stage for a general rate case in 2022. The Commission [approved](#) the [Stipulation](#).

No Call Law, Docket No. 2018-NC-062: NSAC/National Student Aid Care was fined \$230,000 for 46 violations of the MS Telephone Solicitation Act among other violations.

Mississippi Power Co., Docket No. 2019-UA-116, PETITION FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY FOR ENVIRONMENTAL COMPLIANCE ACTIVITIES AUTHORIZING THE

CLOSURE OF THE ASH POND, CONSTRUCTION OF LOW VOLUME WASTEWATER TREATMENT FACILITIES, AND CONVERSION OF BOTTOM ASH COLLECTION FACILITIES FOR THE PLANT VICTOR J. DANIEL ELECTRIC GENERATING FACILITY IN JACKSON COUNTY, MISSISSIPPI:

MS Power Co. (MPCo) determined in Oct. 2018 that coal ash pond closure would be needed due to EPA interpretation of coal combustion residuals regulations. MPCo also asserts that transmission constraints impacts the ability to retire Plant Daniel's two coal-fired units and Plant Daniel provides energy diversity options. The MPSC took three procedural votes: MPSC denied Sierra Club's Motion to Require Supplementation of the Petition and a Revised Scheduling Order; MPSC struck Sierra Club testimony and MPCo rebuttal testimony; MPSC allowed Sierra Club to be an intervener in the MPCo Reserve Margin Plan docket.

MPCo has spent ~\$13 M to date on this project. Potential total rate impact is 0.7%. Mississippi Power Company's Petition for a Facilities Certificate. MPCo's portion of the total project costs would be approximately \$62.5 million. The Commission [granted](#) MPCo the CPCN for Environmental Compliance with the following conditions: MPCo will submit monthly project reports; no Gulf Power costs will be borne by MPCo customers; if the Reserve Margin Plan docket finds that Daniel should be closed, all spending on this project shall cease.

MPSC Regular Meeting – November 7

On November 7, the MPSC held its [regular docket meeting](#) to consider items and hold a public hearing. See the meeting [agenda](#).

CenterPoint Energy, Docket No. 2012-UN-139, Filing of Rate Regulation Adjustment Rider and Weather Normalization Adjustment Rider: The rate adjustment will result in an 80 cents/month increase to a typical bill. The Commission [approved](#) the terms of the [Joint Stipulation](#).

CenterPoint Energy, Docket No. 2013-UN-214, Supplement Growth Rider: CenterPoint expects to spend \$4.7 M in fiscal year 2020. This represents a 3 cents/month decrease to a typical residential bill. The Commission [approved](#) the tariff filing.

Atmos Energy, Docket No. 2012-UA-340, Request Approval to Change in Meter Testing Standard: Current testing frequency has found no tendency of inaccuracy in newly installed meters and testing causes an inconvenience to customers and expense to the company. The Commission [agreed](#) to amend meter testing standards but still allow for the Commission to request a meter be tested.

Entergy MS LLC, Docket No. 2019-UA-119, CPCN for Transmission Improvements in Adams County: EML plans to upgrade 5.5 miles of line to achieve 259 MVA. The project has been approved by MISO and plans to get underway in March 2020. The \$27 million project will increase a residential customer's typical bill by 29 cents/month. The Commission [approved](#) the project.

The Commission authorized a resolution recognizing Utility Worker Month in the state.

Integrated Resource Planning, Docket No. 2018-AD-64, ORDER ESTABLISHING DOCKET TO INVESTIGATE THE DEVELOPMENT AND IMPLEMENTATION OF AN INTEGRATED RESOURCE PLANNING RULE, ORDER SETTING HEARING: The Commission has previously determined it is in the best interest of Mississippi ratepayers and utilities to proceed with the development of a comprehensive Integrated Resource Planning Rule, and to establish reporting requirements both for long term electric planning and for annual energy delivery planning by regulated gas and electric utilities.

While 25x'25 supports the Commission's efforts as outlined in their original [Order](#) dated May 8, 2018, we found that the utility-inspired Proposed IRP Rule fell short in stakeholder participation, transparency, and resource comparison and evaluation. Furthermore, the Proposed IRP Rule includes subsidies for charitable contributions for scholarships and early childhood education, "grid enhancement" activities, and fiber optic communications infrastructure and lacks a mechanism to openly evaluate all energy resource options equally should a capacity need be identified. 25x'25 filed three sets of comments in hopes of greatly improving the Proposed Rule. Some of our efforts were rewarded.

Just 4 days before the latest [Hearing](#), a new [Proposed Final Rule](#) was posted for public review. There were considerable changes from the previous Draft Rule that for which stakeholders provide comments. At the Nov. 7 Hearing, I asked the Commission for and was [granted a 10-day extension](#) for review and comment on the latest Proposed Final Rule. 25x'25 filed additional [comments](#) on the Proposed Final Rule. While strongly supportive of an Integrated Resource Planning process for Mississippi, 25x'25 remains concerned for the future of demand side management, particularly energy efficiency and concerned with the exemption of certain large expenditures from prudence review.

MPSC Special Meeting – November 22

On November 22, the MPSC held a [special meeting](#) to consider items and hold a public hearing. See the meeting [agenda](#).

Integrated Resource Planning, Docket No. 2018-AD-64, ORDER ESTABLISHING DOCKET TO INVESTIGATE THE DEVELOPMENT AND IMPLEMENTATION OF AN INTEGRATED RESOURCE PLANNING RULE: The Commission brought forth the revised Proposed Final Rule for Integrated Resource Planning and Reporting. The more notable changes in the Proposed Final Rule since the Nov. 7 Hearing included amending the definition of DERs and clarifying investments in enhanced services. The Commission issued a Final [Order](#) amending Rule 29 and approving the [Final IRP Rule](#) on a 2-1 vote.

MPSC Regular Meeting – December 11

On December 11, the MPSC held its [regular docket meeting](#) to consider items and hold a public hearing. See the meeting [agenda](#).

Spire Energy, Docket No. 2015-UN-109, Changes in Rate Stabilization Adjustment Rider: Spire is entitled to an adjustment in rates subject to the RSA Rider to permit Spire to account for any deficiency in anticipated revenues. The adjustment will increase the average customer bill by 58 cents/month. The Commission [approved](#) the rate adjustment.

Entergy MS LLC, Docket No. 2018-UN-133, New Technology Pilot – Utility Owned Backup Natural Gas Fired Generator: EML proposes to install up to 20 natural gas backup generators over 3 years at commercial customer locations to ensure site resilience and operation in time of loss of service and to provide additional generation at time of peak demand. Systems will range from 48kW to 500 kW. EML is budgeting \$3.5 million for the pilot project. Host sites will pay 45% of installation costs and O&M costs through a fixed monthly charge. The MPSC asked that EML use local contractors. 25x'25 filed a motion to intervene in this matter, but the motion was not considered. The Commission [approved](#) the pilot program and will require annual reporting on the program.

Entergy MS LLC, Docket No. 2018-UN-205, Revisions to the Formula Rate Plan: EML filed a notice of intent to revise FRP-7 to include recovery of the Choctaw Generation Plant acquisition costs and to recover vegetation management costs through a separate rider. In addition, rate adjustments under the FRP shall be secured by a bond while under review. The Commission [approved](#) the revisions.

Cooperative Energy & Delta EPA, Docket No. 2019-UA-129, CPCN for new Transmission Facilities in Leflore and Sunflower Counties: Project costs expected at \$12 million. Matter was delayed to a January hearing date.

Entergy MS LLC, Docket No. 2019-UA-133, CPCN for Transmission and Distribution Improvements and Economic Development in Warren County: EML proposed to construct or upgrade nearly 14 miles of transmission line and significantly upgrade the Flowers Substation. Estimate cost of the proposed project is \$37 million. Rate impact will be 49 cents/month increase on a typical residential bill. The Commission [approved](#) the project.

MS Power Co., Docket No. 2019-UA-139, CPCN for Transmission Construction in Jasper and Clark Counties: MPCo requests authority to construct 14.2 miles of 115 kV transmission to relieve congestion and improve reliability. The project cost is estimated to be \$13.8 million with completion in 2020. Rate impact will be 13 cents/month increase on a typical residential bill. The Commission [approved](#) the project.

CenterPoint Energy, Docket No. 2019-UA-148, Amendment to Asset Management Agreement with BP Energy Co.: CenterPoint seeks approval of a 3 year extension of the Asset Management Agreement. Payments received from BP will be split with customers receiving 55% of purchased gas adjustments. The Commission [approved](#) the agreement extension.

CenterPoint Energy, Docket No. 2019-UA-156, Approval of a Special Contract: CenterPoint has an agreement with Texican Natural Gas Company to provide nat gas service to Howard Industries in Laurel. Howard has requested a rate discount and line pressure increase. The Commission [agreed to the terms](#) of the contract and found it to be in the public interest.

Southcross MS Natural Gas Sales, Docket No. 2019-UA-195, Approval of Asset Purchase and Transfer: This docket resolves a complex web of ownership of nat gas transmission that ultimately supplies nat gas to Leaf River Forest Products in Perry County. The Commission [approved](#) the transfer of ownership interest.

Other matters: The MPSC levied \$235,000 in fines to violators of the state's No Call Law.

MPSC Commissioner Presley Elected as NARUC President

Members of the National Association of Regulatory Utility Commissioners have [elected](#) Mississippi Public Service Commissioner Brandon Presley as the Association's next president. The election was part of NARUC's 131st Annual Meeting and Education Conference in San Antonio, Texas on Nov. 17-20. NARUC is a national advocacy and education association that represents the interests of utility regulators in U.S. states and territories. Congratulations to Comm. Presley. This bodes well for MS!

Regional Issues

Five Energy Issues to Watch in the Southeast

E&E News identified [five key energy issues](#) currently facing the Southeast. According to the reporter, these issues include: 1) Nuclear; 2) Resource Planning; 3) Decarbonization; 4) Demand Shifts; 5) Hurricanes and Storm Resiliency. Do you agree with this assessment?

TVA to Roll Out New GPP Program in January 2020

The new Green Power Providers (GPP) program will put greater emphasis on system quality and safety, and will completely eliminate the popular monetary incentives that helped the program take off in its early years. Under the new program, TVA will still buy excess power generation but at the avoided cost rate. According to TVA, this encourages customers to size their systems to match their actual consumption, rather than look upon the program as a money-making opportunity.

Georgia Regulators Move to Increase Net Metering Customers by 500%

The Georgia Public Service Commission (GPSC) has [voted to approve net metering](#) for 5,000 solar installations, or 32 MW worth of residential solar power. There are currently only about 1,000 residential solar power systems in Georgia Power territory. Georgia is currently 10th overall nationally for solar installed with about 1.7 GW — generating 0.35% of the state's electricity. This volume is almost entirely based upon utility solar installations located in the state.

Louisiana Regulators Kill Net Metering

A recent 3-2 vote by the Louisiana Public Service Commission to [abandon net metering](#) starting next year ended a long-running fight and is another milestone in the messy, state-by-state fight over distributed solar. The solar industry says Louisiana will see residential adoption slow under the state's new compensation plan. While existing solar users should see retail rate credits for a number of years, net metering's days are numbered for new customers in most of the state — except for New Orleans.

New Orleans City Council Fines Entergy New Orleans \$1 Million

The Council levied [a \\$1 million fine](#) on the company for its “inaction and omissions in mitigating” the thousands of power outages the city experiences every year. The City Council also lowered the profit rate that Entergy New Orleans can collect from customers by nearly two percentage points. Legal action may be next for Entergy New Orleans and the City Council.

Kentucky Regulators Try to Implement New Net Metering Law

Under the new law [SB 100](#), the Kentucky PSC will set the net-metering rates for individual utilities, which affect the dollar credits net-metered customers receive. The law says that utilities are allowed to “implement rates” on their net metering customers that would help the utility to recover “all costs necessary to serve” them. Homeowners will be billed for all of the electricity their homes consume. The utility will then purchase all of the electricity the solar system produces at the KPSC's determined new rate. A November 13 public hearing last more than 5 hours with comments from citizens, solar advocates, utilities, and other stakeholders about the new law and how they felt it would best be

implemented. Recently, the Kentucky Public Service Commission said it will hire an outside consultant to help evaluate rates for new net-metering customers based on each utility's specific costs.

Arkansas Regulators Continue to Discuss Path Forward for Net Metering

The Arkansas Public Service Commission today issued an order scheduling a February 19, 2020 hearing in the net metering proceeding (Docket No. 16-027-R). The purpose of this hearing is to allow additional public comment on rate issues related to [solar usage and deployment across the state](#). The APSC just held a [hearing on December 5](#) to hear from utility companies, state regulators, the attorney general, consumer groups and businesses who argued about the proper rate structure for solar customers going forward. Whenever the APSC ruling comes, it could end years of debate over whether the state should cut the 1-to-1 retail rate net metering customers now get for their electricity or maintain the current compensation program that is creating economic opportunity and savings across the state.

Arkansas Farmer Saves with Solar Power

Kittler Farms flipped the switch on a [nearly 3-megawatt solar farm](#) that could provide up to 90% of the energy needs for farm operations. The 10,000 acre corn, soybean and rice farm has irrigation wells, drying and storage operations, marketing services and grain bin construction services. Electricity costs last year amounted to more than \$400,000. The solar array covers 20 acres.

Arkansas Cooperative Plans to Cut Rates as Solar Power Reduces its Costs

The [Ouachita Electric Cooperative](#), having added enough solar capacity to reduce its peak load by 30%, plans to file a docket with the Arkansas Public Service Commission for a 4.6% rate reduction. "Solar has allowed us to lower our peak-demand costs, and we've been helped by our energy-efficiency program, which also has lowered peak-demand costs," CEO Mark Cayce said. "When you add it all up at the end of the day, we're able to [decrease rates](#) because we're more efficient in our operations. Solar has been a big part of this -- it's creating jobs, it's lowering prices and we hope that stimulates more business."

Alabama PSC Holds Public Hearing on Residential Rooftop Solar Fee

The Alabama Public Service Commission held a [public hearing](#) on November 21 on a complaint that challenges the monthly fee Alabama Power charges customers who install their own solar panels. Alabama Power's current solar fee is \$5 per kilowatt, based on the size of the customer's solar array. Most residential solar arrays are 4-5 kilowatts in size, meaning the customer would have to pay Alabama Power a \$20-\$25 fee each month, erasing much of the customer's energy savings. Advocates argue the fees are the most punitive in the nation and deters investment in solar.

Knoxville, TN Installs of over 28,000 Energy-Efficient LED Streetlights

The city of Knoxville is [celebrating the installation](#) of more than 28,000 energy-efficient LED streetlights in the city. The streetlights cost \$4.4 million a year to operate and maintain. The new LED streetlights will be saving the city \$2 million a year, cutting that bill in half. The LED bulbs will save the city on maintenance fees as they have a lifespan of 20 years while regular bulbs have a lifespan of just three to five years. The new fixtures will produce a brighter light around the city.

South Carolina Regulators Reduce Solar Compensation Rates

The S.C. Public Service Commission recently sided with major utilities in setting the rates power companies must pay solar firms for energy. The [new rates](#) are so low that industrial-scale solar developers may not be able to get financing to continue building solar farms in South Carolina — and that could set back efforts to stabilize people’s utility bills. The SCPSC also refused to extend contract time frames. The S.C. Energy Freedom Act that passed earlier this year was intended to help the solar industry. But solar advocates say the opposite is occurring.

Texas Solar Powering Texas Oil Production

Houston-based Occidental Petroleum announced the start of its [first solar power facility](#) to be used to directly power oil drilling in the region. Their solar facility features 174,000 photovoltaic panels on 120 acres, with a total capacity of 16 megawatts to power operations at the Goldsmith Field, an oil and gas reservoir located in the central Permian Basin. The move was part of the company’s agenda to cut carbon emissions and embrace renewable energy in its operations. In addition, Baker Hughes, one of the world’s largest oil-services companies, says it will [power all its Texas operations with wind and solar](#).

Dominion Energy and Smithfield Farms Partner on RNG Production

Smithfield Farms and the electric and gas utility Dominion Energy have formed a [partnership](#) to turn manure into energy at industrial scale. They're planning to spend \$500 million building the infrastructure to capture methane from hundreds of hog farms, mostly in North Carolina. They'll connect farms with miles of underground pipes, collecting methane and feeding it into existing natural gas pipelines.

National Issues

New Report Reveals Awesome Impact of Energy Efficiency

The [Energy Efficiency Impact Report](#) quantifies the scale of U.S. efficiency investments made over decades and their many impacts, ranging from energy savings, job growth, and reduced carbon emissions to public health and worker productivity savings. It notes these investments since 1980 have prevented a 60% increase in energy consumption and carbon emissions.

Big Box Stores Are Embracing Solar

Large corporations, including Target and Walmart, are [increasingly investing in renewable energy](#) sources to increase sustainability for two good reasons: it’s good for business and good for corporate image. By year end, Target will have erected rooftop solar panels on 500 of its stores in the United States. But Walmart is right on Target’s tail. By 2025, Walmart aims to power 50 percent of its operations with renewable energy through on-site installations and purchases from external power providers. U.S. companies purchased three times as much renewable power last year than they did the year before. They purchased 8.6. Gigawatts of solar and wind power in 2018, which is enough to power 2.2 million American homes.

Residential Solar Installations Set New Quarterly Record in U.S.

Q3 2019 was significant for residential solar, being the largest quarter in history in terms of solar capacity installed. 712 MWdc was installed in Q3 2019. [Florida (No. 2) and Texas (No. 4) are some of the hottest markets for residential solar. **Mississippi** ranked 38th in the nation in overall solar capacity installations.] In addition to residential solar, 445 MWdc of non-residential, commercial solar was installed in Q3 2019 along with 1,410 MWdc of [utility-scale solar](#), bringing total U.S. solar capacity to 71,300 MWdc. With improved efficiencies and system pricing falling across all market segments, [solar capacity is projected to more than double over the next five years](#). See the new report, [Utility-Scale Solar Trends 2019](#), for in-depth, data-driven analysis of the utility-scale solar project fleet in the United States.

Renewable Energy Technology Prices Continue to Decline

Lazard's latest annual Levelized Cost of Energy Analysis ([LCOE 13.0](#)) shows that as the cost of renewable energy continues to decline, certain technologies (e.g., onshore wind and utility-scale solar), which became cost-competitive with conventional generation several years ago on a new-build basis, continue to maintain competitiveness with the marginal cost of existing conventional generation technologies. Wind power prices fell 70% over the last decade, while solar power prices fell 89%.

U.S. Power Grid is Evolving to Handle Solar and Wind

Roughly 18% of the electricity generated in the U.S. comes from renewable sources, a jump up from just 9% a decade ago, according to the U.S. Energy Information Administration. As renewables become a larger part of the overall pool of electricity generated in the U.S., [the grid is being updated](#) to accommodate it. Originally, the grid was built under a one-way model, in which power is generated at centralized sites and sent through distribution lines to end users. Renewable energy generation facilities — particularly solar and wind — are more widely distributed. Improving the grid also means improving coordination among utilities and increasing stability with batteries and other DSM measures. These actions are taking place all across the U.S. to allow a high-penetration renewable grid.

Solar, Wind and Hydro Power Could soon Surpass Coal

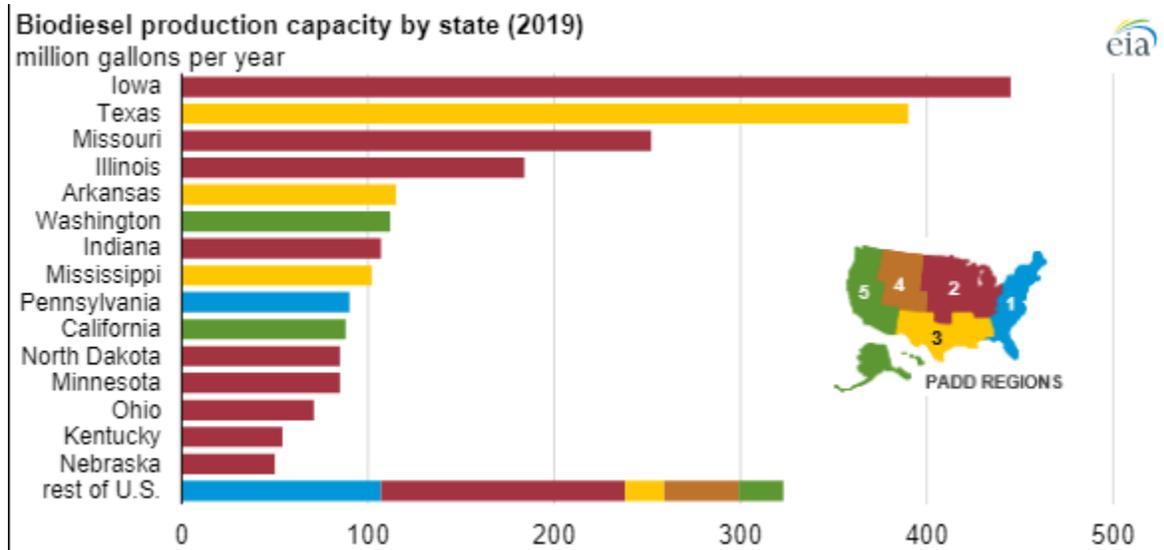
Coal, long the king of America's electric grid, will soon get toppled by renewable energy. A combination of environmental concerns, aging plants and competition [have caused a sharp decline in coal usage](#) in the United States. Solar and wind power are [growing so rapidly](#) that for the first time ever, the United States will likely get more power in 2021 from renewable energy than from coal, according to projections from the Institute for Energy Economic and Financial Analysis. This transition has already played out in Texas, which was long a coal-first state. During the first half of this year, [wind power surpassed coal for the first time](#) in Texas history.

Battery Prices Fall Nearly 50% in 3 Years

Average market prices for battery packs have plunged from \$1,100/kWh in 2010 to \$156/kWh in 2019, an 87% fall in real terms, according to *2019 Battery Price Survey* by Bloomberg New Energy Finance (BNEF). Prices are projected to fall to around \$100/kWh by 2023, driving more electrification across systems — including transportation and business.

First Annual U.S. Biodiesel Plant Production Capacity Report Released

The 2019 [U.S. Biodiesel Plant Production Capacity Report](#) shows 102 operating biodiesel plants with 2.6 billion gal/y in biodiesel production capacity, or 167,000 b/d. More than half of the nation's biodiesel production capacity is in the Midwest region, led by states such as Iowa, Missouri, and Illinois. Of the top 15 biodiesel-producing states, 9 are located in the Midwest. **Mississippi** has the 8th largest biodiesel production capacity in the nation. **Mississippi** has three facilities with a combined capacity of 102 MMgal/yr.



Global Issues

EIA: Distributed Solar to Drive Global Renewable Growth 50% by 2024

Renewables are the world's second largest source of electricity. Furthermore, renewable energy's share of global power generation will rise from 26% today to 30% in 2024, according to [new data from the International Energy Agency](#) (IEA). Solar generation will make up almost 60% of renewables growth, with onshore wind representing 25%. China will account for 40% of global renewable capacity expansion over the forecast period.

