Georgia Power – Integrated Resource Plan

The Georgia Public Service Commission has required Georgia Power to complete and file an Integrated Resource Plan (IRP). The plan describes Georgia Power’s projected 20-year load growth and their plans for the generating plants handling the load.

Key Points - Georgia Power 2019 IRP

- Finishing the dramatically over-budget and massively delayed Vogtle nuclear generating units.
- The continued transition from coal-fired generation to natural gas generation.
- Procurement of up to 1,000 Megawatts (MW) of renewable power. This could increase Georgia Power’s renewable power to 18% of their total power portfolio. This is down from 1,600 MW that was included in the previous IRP.
- Additional Demand Side Management (DSM) and energy conservation programs for both residential and commercial customers. Collectively, these programs are targeted to reduce Georgia Power’s peak demand by 1,600 MW, 10% of their current peak demand.
- The closing of four coal generating units at Plant Hammond, Rome, GA and one coal unit at Plant McIntosh near Rincon, GA, and possibly closing two coal units at Plant Bowen, Cartersville, GA.
- The closing of the small hydroelectric plants at Langdale and Riverview on the Chattahoochee River and possibly removing the dams.

There are many billions of dollars in proposed investments on the list and throughout the rest of the IRP. These investments will ultimately be paid by customers through their electric bills.

Savings Opportunities for You

UMS customers may be able to save money by taking advantage of the proposed new Demand Side Management (DSM) programs. We will monitor these proposals once they come out. If we identify potential savings opportunities for you, we will contact you with our findings.

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GEORGIA POWER

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Summer Energy Efficiency Quiz
How Energy Efficient are you at Home?

Circle the answer that best fits, add up the points at the end, and see how energy efficient you are.

1. How often do you service your HVAC system?
   a. Every year
   b. Every 2-5 years
   c. Only if it breaks

2. Do you have ceiling fans?
   a. Yes
   b. No

3. Are your curtains/blinds open or closed?
   a. Open
   b. Closed
   c. I do not have curtains/blinds

4. Do you have a programmable thermostat?
   a. Yes
   b. No (If no, skip to question 6)

5. Is it programmed?
   a. Yes
   b. No
   c. I don’t know how to program it

6. How often do your household exhaust fans run?
   a. All the time
   b. When I shower/use the stove
   c. When I forget to turn them off

7. Do you have a storm door?
   a. What is that?
   b. Yes
   c. No

8. How often do you cook in your kitchen?
   a. Every day
   b. A couple times a week
   c. I don’t cook

9. Is your refrigerator/freezer mostly full or empty?
   a. Mostly full
   b. Mostly empty

10. What kind of lightbulbs do you use?
    a. There are different kinds?
    b. Incandescent
    c. CFL
    d. LED

Scoring

1. A-2 B-1 C-0:
   Routine maintenance of your HVAC system can lower its energy consumption by 15%.

2. A-1 B-0:
   Ceiling fans help circulate the air in a room and can lower the air temperature by 4 degrees.

3. A-1 B-2 C-0:
   Setting your thermostat automatically to a higher temperature when you are not at home can reduce your energy costs by up to 10%.

4. A-2 B-1 C-1:
   Storm doors create a pocket of insulated air. Reducing the transfer of outside air inside.

5. A-0 B-2 C-1:
   Normal homes have around 70 lightbulbs. LEDs use 90% less energy than incandescent, plus, they last 15 times longer.

You Are...

0-8: An Energy Vampire: You don’t understand energy efficiency. You can find useful tips online, for example Georgia Power has tips at www.georgiapower.com/residential/save-money-and-energy/home-energy-efficiency-and-savings/energy-efficiency-tips

9-15: Going Green: You know you need to make changes, but you haven’t mastered it yet. An easy first step is to switch to LEDs. LED lightbulbs can be pricey; however, during select times each year, power providers offer in-store rebates at Costco and other retailers on LED bulbs. The discount is significant and makes the cost reasonable for the everyday consumer.

15-20: An Energy Star: You’ve got it going on! You know what it takes to be energy efficient and have taken steps to save energy and money while keeping your home comfortable and your routine unaffected.