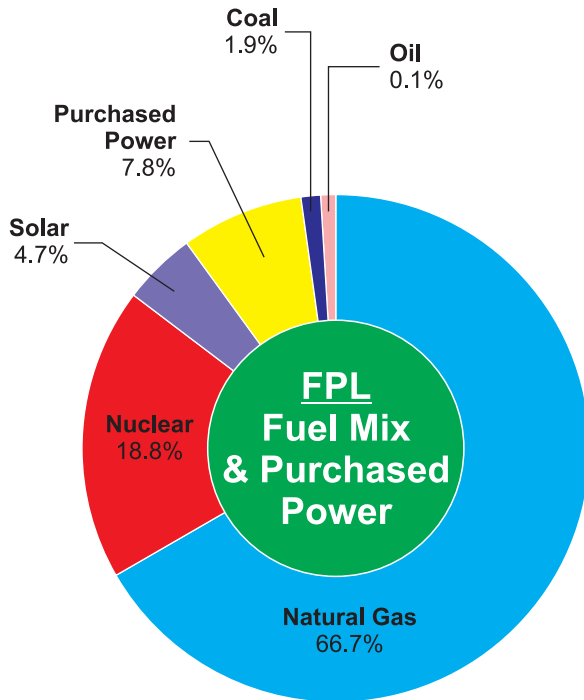


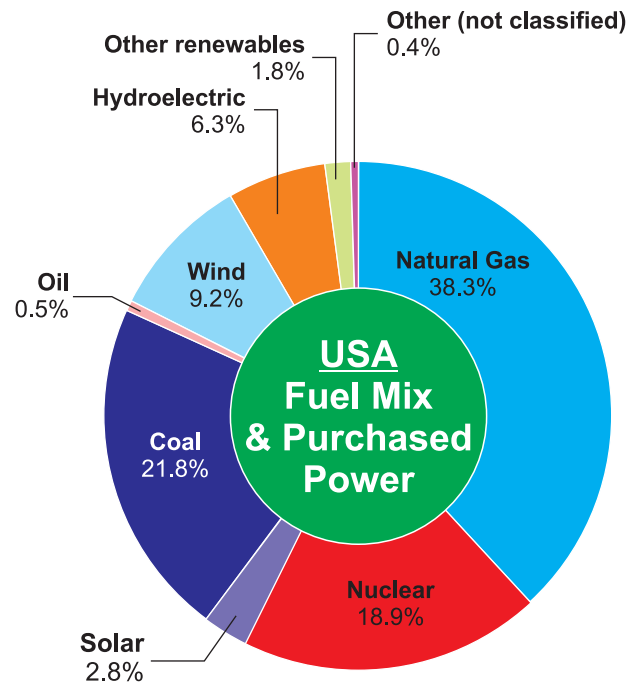
# Where Does Your Energy Come From?

FPL's power comes from a variety of sources, including clean, USA produced natural gas and emissions-free nuclear and solar. Today we are taking steps to substantially increase our investment in cost-effective solar while eliminating our use of coal from Florida.

See our latest fuel mix:



See how we compare to the rest of the nation:



Our latest fuel mix compared to the rest of the nation:

FUEL	FPL <sup>1</sup>	US <sup>2</sup>
Natural Gas	66.7%	38.3%
Nuclear	18.8%	18.9%
Solar	4.7%	2.8%
Purchased Power	7.8%	N/A
Coal	1.9% <sup>3</sup>	21.8%
Oil	0.1%	0.5%
Wind	N/A	9.2%
Hydroelectric	N/A	6.3%
Other Renewables	N/A	1.8%
Other (not classified)	N/A	0.4%

<sup>1</sup> Sources of electricity generation for the 12 months between Aug. 2021 and July 2022.

<sup>2</sup> Major energy sources and percent share of total USA electricity generation in 2021 (preliminary data as of Feb. 2022).

<sup>3</sup> Coal generation is from units outside the state of Florida.

# The S.E.C.A.M.P.™ Approach

## (No More Landfills!)

### Bridging the gap for a Deep Green Future

## OUR COMMITMENT TO THE ENVIRONMENT

We are members of alliances, conservancies, societies and enjoy our world. Nature inspires us with its beauty and its magnificence, and we are deeply committed to conservation. Because we want to preserve our world for generations to come, we try at all times to reduce waste of resources and energy, to reuse and recycle packaging run on our machines. **S.E.C.A.M.P.™** is a 6 point strategy that relates to using less energy or clean energy, fewer packaging materials, and reduce costs in the manufacturing, warehousing and distribution of StandUp pouches, VialPaQs and trays.

1. Make multiple components and parts at one time to get efficiencies of scale including modules for the assembly of the machine.
2. Buy electricity and other utilities (gas) from environmental conscious suppliers who do not pollute the air with "greenhouse" gases.
3. Turn air compressors off after use and start changing pneumatic designs that allow machines to run at a lower psi. 70 psi is our standard.
4. Use stainless steel where possible and eliminate all painting in the machinery process.
5. Reduce electric cables and use more wireless technology.
6. Install our patented ControlSmart™ data monitoring camera type system to prevent the production of out-of-specification products at the customer.

## WHAT WE DO TO HELP

- Print on both sides of any print job
- Use other side of old printed paper for scrap
- Re-use all corrugated boxes for shipping spare parts
- Turn off all lights. Use natural lighting wherever possible
- Recycle all paper, cans and bottles
- Turn off all monitors and computers at the end of the day
- Do not use styrofoam plates or cups
- Do not print e-mails that have pages already printed
- Use compact fluorescent lights
- Use programmable thermostats
- Build water-saving restrooms
- Automatic lights
- Insulation around doors and windows



## S.E.C.A.M.P.™

### Sustainable, Environmental, Conscious Approach to Machinery/ Packaging

### SUSTAINABILITY IS MEASURED AS FOLLOWS:

Greenhouse gas /CO <sub>2</sub> emission per ton of production .....	15%
Material value.....	15%
Product to package ratio ..	15%
Cube utilization .....	15%
Transportation.....	10%
Recycled content .....	10%
Recovery value .....	10%
Renewable energy .....	5%
Innovation.....	5%



300 empty pouches = 6 empty bottles

### The 5 R's of Packaging:

- Reduce Packaging
- Recycle Packaging
- Reuse Packaging
- Reformat Packaging
- Renew Packaging

Robust, Regenerative  
Gasification Process for  
Packaging Sustainability



Earth Charter US  
APPROVED  
Green Pouch

## Endless Circularity is the Packaging Industry's Future!

### How to Create a World Without Waste?

Syngas is an intermediate pathway resource for production of methanol, which is the building block of virtually all plastic packaging materials. Currently syngas is produced every day largely from fossil fuels.

### But what if?

What if syngas was made from waste, ALL waste? The methanol derived from waste is called Eco-methanol™. More importantly, syngas can be made from unsorted mixtures of ALL packaging waste using the process of Robust Regenerative Gasification. Today's rigid and flexible plastic packaging would already be 100% recyclable through this pathway. Advanced Robust, Regenerative Gasification is the technology to make circularity a reality.

### Creating a World Without Waste. It's Possible!

### Why Eco-methanol™?

Consumer Packaged Goods brand owners and suppliers make pledges to deliver packaging with some level of recycled content by 2025 without a clear path to achieving that goal. Yet, there is no need to change packaging materials or structures. Instead, we need to transform how we process waste. There is plenty of trash. Our current waste handling system of landfills and incineration creates environmental hazards of GHG's (Greenhouse Gases), land and potential ground water contamination. Conversion of packaging waste to syngas and Eco-methanol™ represents the most robust and flexible path to a genuinely circular sustainable future.

### What would this mean for the environment?

Advanced Gasification would ensure all carbon dioxide is captured without smokestacks or release of harmful gases into the atmosphere. This would end the practice of landfills and ocean dumping. Incineration and the circularity of creating Eco-methanol™ would provide the recycled plastic content the packaging industry is in dire need of. This is the future of the packaging industry.



### What can you do?

1. Personally join the LinkedIn page and be a part of the conversation. See the Consortium For Waste Circularity link in QR code
  2. Join the Consortium! Add your company's voice to transform our wastecircularity.org infrastructure. Make this a part of your sustainability strategy.
- The Consortium is funding R&D, education and outreach at the University of Florida.

