

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

In re: Energy Conservation Cost Recovery  
Clause

Docket No: 150002-EG  
Filed: May 6, 2015

**NOTICE OF FILING APPENDIX A  
TO TESTIMONY OF ANITA SHARMA**

Florida Power & Light Company (“FPL”) hereby provides notice of filing the attached Appendix A to the testimony of Anita Sharma. On May 5, 2015, FPL filed and served on all parties, including the Staff of the Florida Public Service Commission, its (i) Petition for Approval of Energy Conservation Cost Recovery True-Up for the Period Ending December 2014, (ii) the prefiled testimony of FPL witness Terry J. Keith and (iii) the prefiled testimony and exhibit of FPL witness Anita Sharma. A copy of Appendix A to the testimony of Anita Sharma was included with the service copies but was inadvertently omitted from the copy filed with the Commission Clerk.

Respectfully submitted,

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By: s/ Maria J. Moncada  
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**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing Notice of Appearance has been furnished by electronic mail this 6th day of May, 2015 to the following:

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By: s/ Maria J. Moncada  
Maria J. Moncada

## Appendix A

**Business HVAC - DX Savings associated with a typical Small GSD Customer**

EER	10 Existing Unit
EER	12 Proposed Unit
KW/Ton	1.2 kW/Ton for Existing Unit
KW/Ton	1 kW/Ton for Proposed Unit
KW Savings/Ton	0.2

Demand	10 Tons A/C Rooftop
	75% Diversity Demand
	10 Months Cooling Operation
	10.9 \$/kWd
<b>Demand Bill Savings</b>	<b>\$164</b>

Energy	10 Tons A/C Rooftop
	60% Diversity Energy
	3,869 Hours of Operation
	0.1 \$/kWh
<b>Energy Savings</b>	<b>\$233</b>

<b>Business HVAC - DX Savings</b>	<b>\$398</b>
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<b>Business Load Control Program</b>	
10 ton packaged rooftop unit	10 Tons
\$2/Ton per month	\$20 Per month (\$2 x 10 tons)
7 months/year (program available)	\$140 <b>Savings</b> (\$20/month X 7 Months)

<b>Business Load Control Savings</b>	<b>\$140</b>
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<b>Total Savings</b>	<b>\$538</b>
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# Just click to stir up energy savings for your business.

SAVE UP TO  
**\$500**

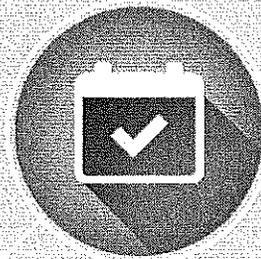
GET  
STARTED



Together, we can find new ways to save energy and make your bill even lower. Schedule your free Business Energy Evaluation today. Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and just click to get started.

CHANGING THE CURRENT.  **FPL**

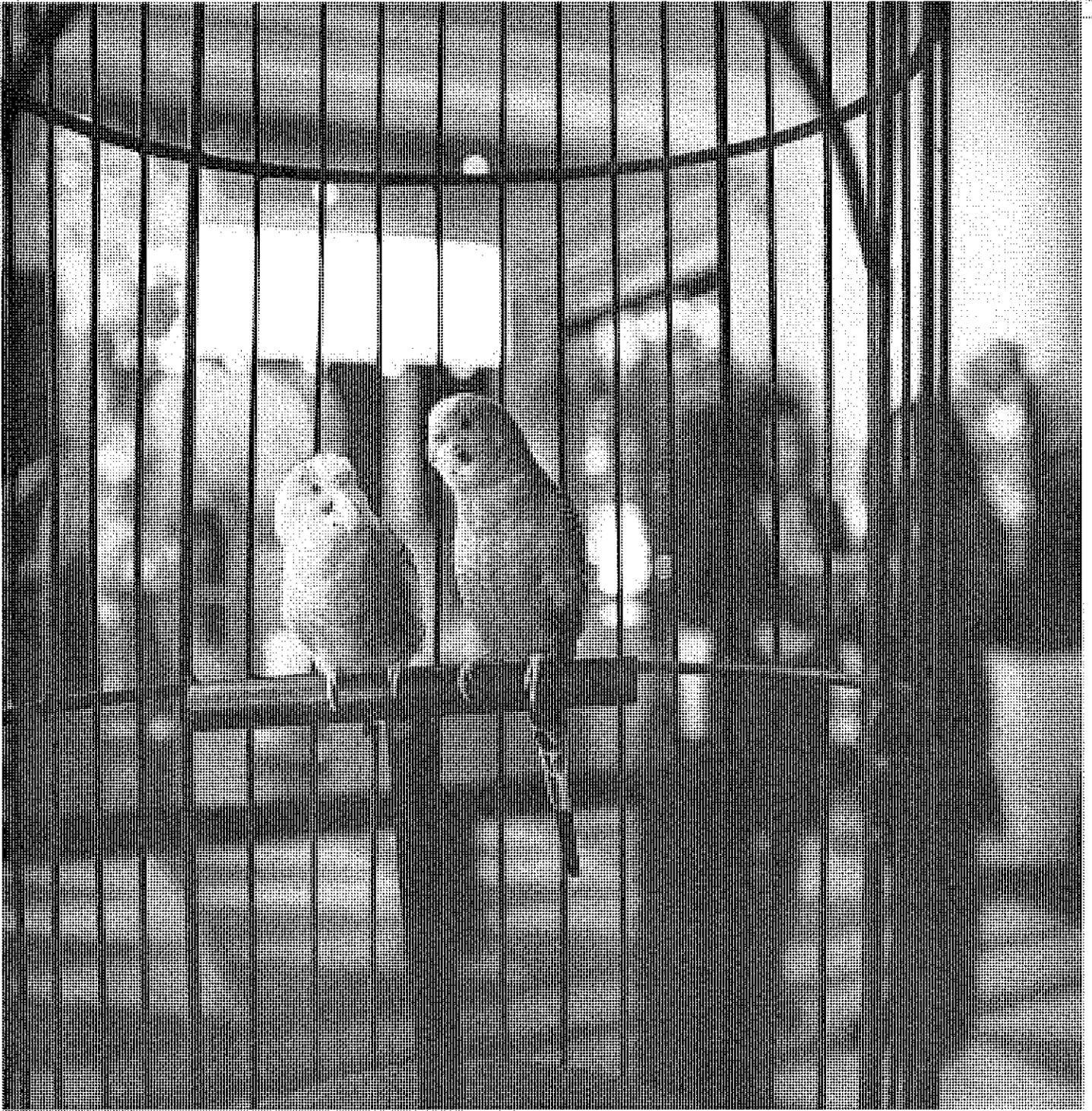
# Just click to find energy savings at your business.



**SCHEDULE A  
FREE EVALUATION**

Together, we can find new ways to save energy and make your bill even lower. Schedule your free Business Energy Evaluation today. Go to **FPL.com/EasyToSave** and just click to get started.

CHANGING THE CURRENT.  **FPL.**



**Open your doors to new ways to save on energy.**

Change the current way you use energy and save up to \$500 a year with FPL's free Business Energy Evaluation. Learn how you can make your bill even lower at [FPL.com/PetProject](http://FPL.com/PetProject)

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**Measures associated with savings of up to \$250**

Title:	CFL Bulbs Indoor
FPL tip:	Replace 4 60 Watt standard light bulbs you use 4 hours a day with compact fluorescent light (CFL) bulbs
Assumptions:	60 Watt equivalent CFL bulbs use 15 Watts or less. Assume four indoor light bulbs are on at least four hours a day.
Energy Calculation:	$(60-15/60) = 75\%$
<b>Annual Energy savings:</b>	<b>75%</b>
Calculation:	$4 \times (60-15)\text{Watts} / 1,000\text{W/kW} \times 4\text{h/day} \times 365\text{day/year} \times 0.10\$/\text{kWh} = \$26/\text{year}$
<b>Annual \$ savings:</b>	<b>\$26</b>

Title:	CFL Bulbs Outdoor
FPL tip:	Replace 1 60 Watt standard light bulb you leave on 12 hours a night for security with a CFL bulb
Assumptions:	60 Watt equivalent CFL bulbs use 15 Watts or less. Assume 1 outdoor light bulb is on 12 hours a night for security.
Calculation:	$1 \times (60-15)\text{Watts} / 1,000\text{W/kW} \times 12\text{h/day} \times 365\text{day/year} \times 0.10\$/\text{kWh} = \$20/\text{year}$
<b>Annual \$ savings:</b>	<b>\$20</b>

Title:	Low Flow Showerheads
FPL tip:	You can cut your hot water usage by replacing old showerheads with water-efficient models.
Assumptions:	Replace 3 gallon per minute showerhead with 1.5 gallon per minute model. Assume 2 showerhead replacements per home
<b>Annual \$ savings:</b>	<b>\$80</b>
Source:	Energy Efficient Home Study, Quantum Consulting.

Title:	Water Heater Temperature
FPL Tip:	Lower your water heater temperature by 20 degrees. (From 140 degrees to 120 degrees.)
Assumptions:	Based on a 50 gallon water heater with an Energy Factor (EF) of 0.91
Annual kWh saved:	95
Calculation:	$95 \text{ kWh} \times \$0.10 \text{ per kWh} = \$10/\text{year}$
<b>Annual \$ Saved:</b>	<b>\$10</b>
Source:	Florida Solar Energy Center, Carlos Colon, Water Heating lab, 2013

Title:	Ceiling Fans
FPL Tip:	Be sure to turn off the fan when leaving a room. Turning off a ceiling fan from running all the time will result in energy savings.
Assumptions:	95 Watts on high speed 24 hours a day
Calculation:	$0.095\text{kW} \times 730\text{h/month} \times \$0.10/\text{kWh} = \$7/\text{month} \times 12 \text{ months} = \$84$
<b>Annual \$ Saved:</b>	<b>\$84</b>
Source:	Florida Solar Energy Center fan Wattage chart

Title:	Wash Clothes in Cold Water
FPL Tip:	When using your washing machine, use cold water instead of hot water.
Assumptions:	Based on the energy to heat the water in a conventional clothes washer
Annual kWh saved:	299
Average \$/kWh:	\$0.10
<b>Annual \$ Saved:</b>	<b>\$30</b>
Source:	Annual kWh to heat water from Energy Star Calculator - clothes washers 2012

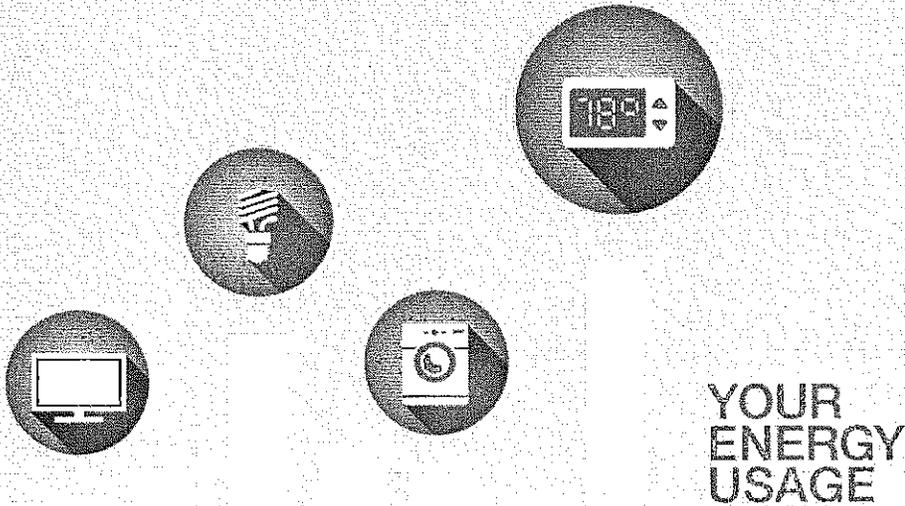
Title:	Power Strips
FPL Tip:	Use a power strip to turn off your desktop computer and accessories when not in use
Assumptions:	Turn off desktop PC, monitor, printer, and speakers after 5 hours Desktop with LCD screen 22 Watts in sleep mode, multi-function printer left on 9 Watts, PC speakers left on 4 Watts
Calculation:	$(22+9+4)\text{Watts} / 1000\text{W/kW} \times 19 \text{ hours} \times 365 \text{ days} = 242 \text{ kWh}$
Average \$/kWh:	\$0.10
<b>Annual \$ Saved:</b>	<b>\$24</b>
Source:	E Source Watts by appliance compiled from Lawrence Berkley National Lab plug load table 2012

<b>Total Savings</b>	<b>\$274</b>
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**5% Savings for Thermostat Setpoint**

76° Thermostat Setting	1,130 kWh Usage
82° Thermostat Setting	827 kWh Usage
% Difference	$(828-1,130)/1,130 = -27\%$
% Savings with 1° increase in setting	$(-27\%/(82-76=6)) = -4.5\%$

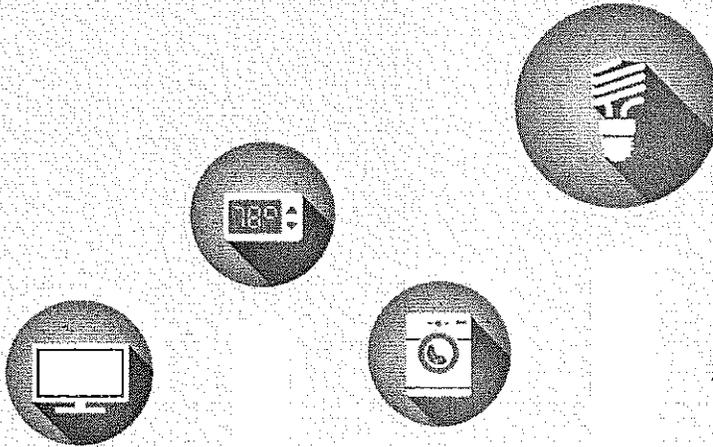
# Just click to cool off your energy bill.



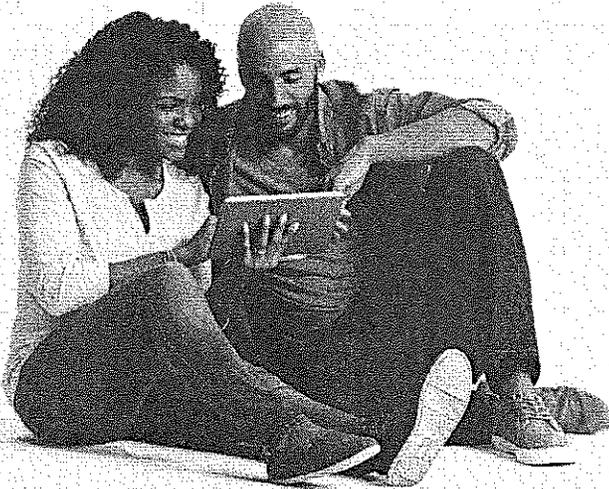
**Did you know that raising your thermostat by one degree can save 5% on your home's cooling costs?**

Now, it's even easier to see how cooling, heating and other appliances affect your bill each month, and find new ways to help you save up to \$250 a year. Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to take the Online Home Energy Survey and make your bill even lower.

# Just click to see your bill in a new light.



YOUR  
ENERGY  
USAGE

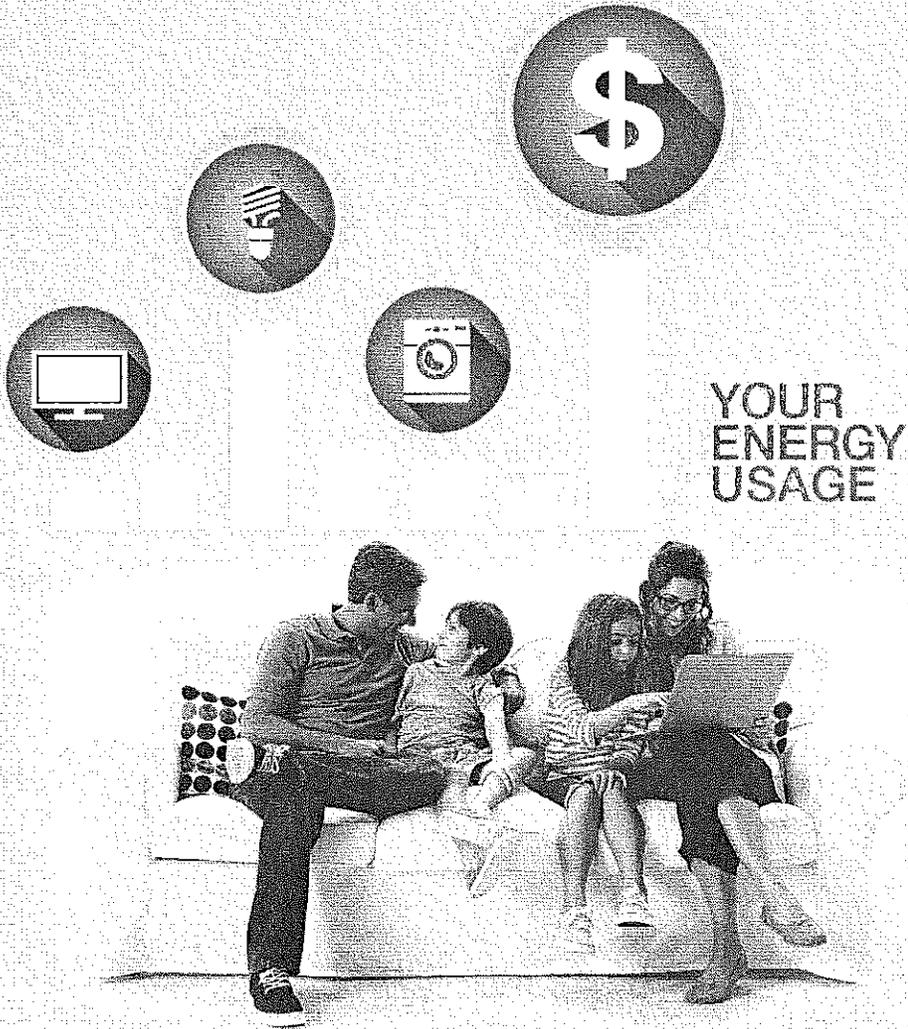


**Did you know you can save 75% on lighting costs just by switching to energy-efficient light bulbs?**

Now, it's even easier to see how much you spend on lighting your home and get recommendations to help you save up to \$250 a year. Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to take the Online Home Energy Survey and make your bill even lower.

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# Just click to find personalized savings.



Now, it's even easier to get a detailed analysis of your home's energy use and a personalized plan that can help your family save up to \$250 a year. Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to take the Online Home Energy Survey and make your bill even lower.

CHANGING THE CURRENT.  FPL

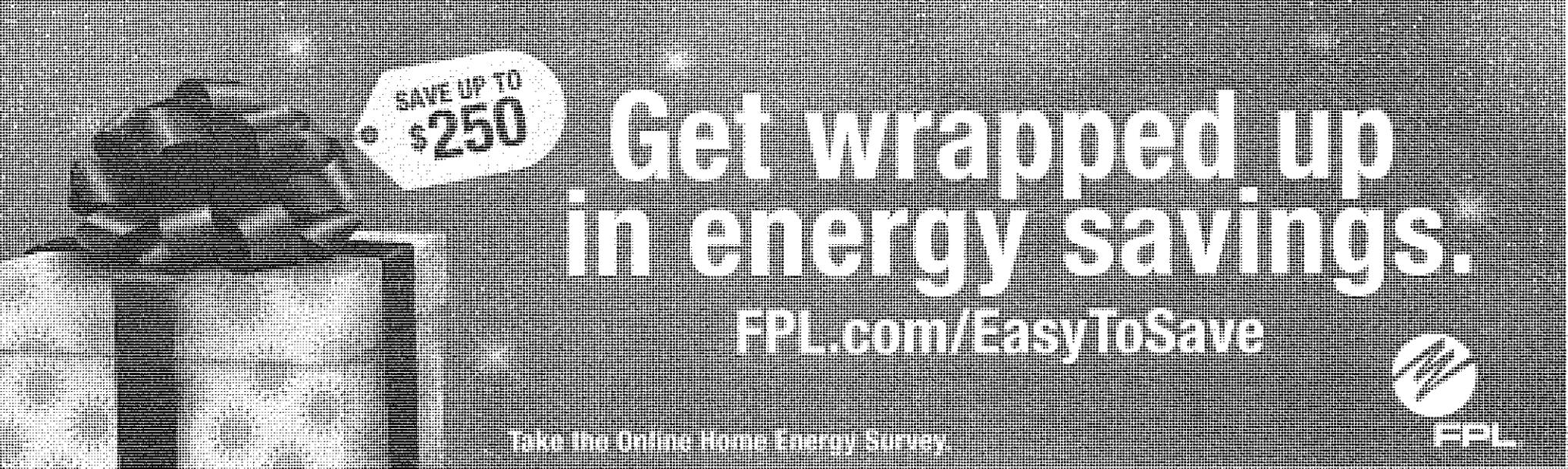
# Deck the halls with energy savings.

[FPL.com/EasyToSave](http://FPL.com/EasyToSave)

SAVE UP TO  
**\$250**

Take the Online Home Energy Survey.





SAVE UP TO  
**\$250**

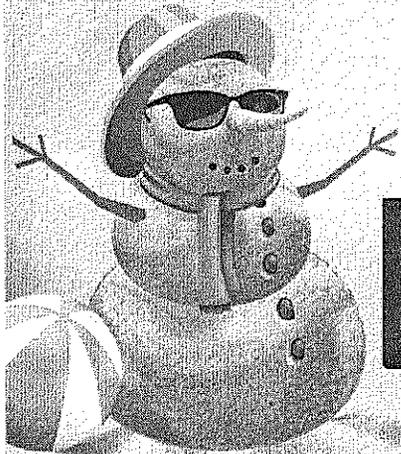
# Get wrapped up in energy savings.

[FPL.com/EasyToSave](http://FPL.com/EasyToSave)

Take the Online Home Energy Survey.



FPL



SAVE UP TO  
**\$250**

# Make your energy savings come to life.

[FPL.com/EasyToSave](http://FPL.com/EasyToSave)

Take the Online Home Energy Survey.





Shake up the holidays  
with energy savings.

[FPL.com/EasyToSave](http://FPL.com/EasyToSave)

Take the Online Home Energy Survey.



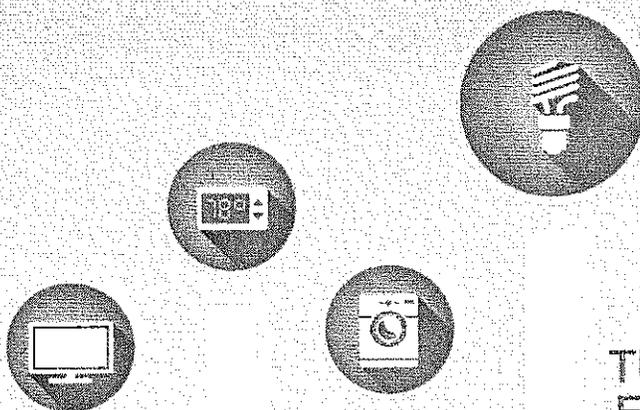
# Just click to upgrade your home in style.



It's easy to upgrade your home with a \$5,000 Home Energy Makeover. Just click to take the Online Home Energy Survey by September 30, 2014, and you'll be automatically entered to win energy-efficient upgrades that your whole family can enjoy. Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) for your chance to win!

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# Haz clic para ver tu cuenta bajo nueva luz.



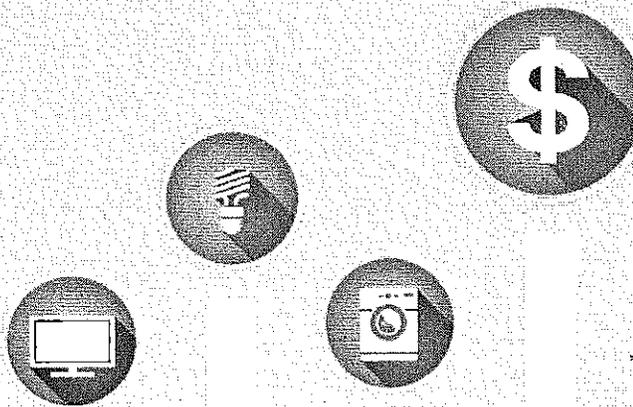
TU USO DE  
ENERGÍA



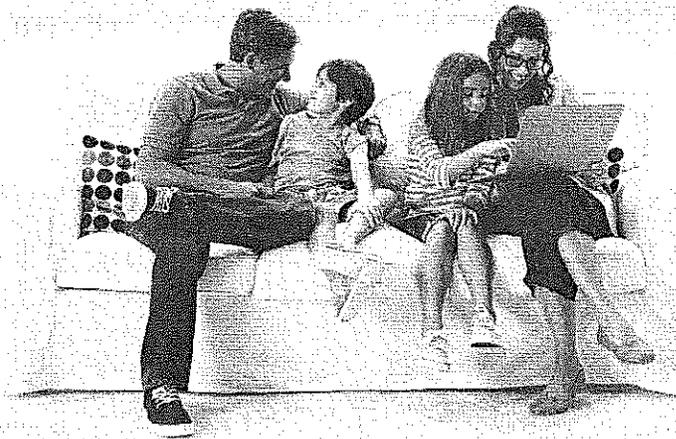
¿Sabías que puedes ahorrar 75% en costos de iluminación solo con reemplazar tus bombillos viejos por bombillos de alta eficiencia energética?

Ahora, es mucho más fácil ver cuánto gastas en iluminar tu hogar y recibir recomendaciones para ayudarte a ahorrar hasta \$250 al año. Visita [FPL.com/Ahorros](http://FPL.com/Ahorros) para completar el Estudio Online Residencial y haz que tu cuenta sea aún más baja.

# Haz clic para encontrar ahorros personalizados.



## TU USO DE ENERGÍA



Ahora es fácil obtener un análisis detallado del consumo de energía de tu hogar, y un plan personalizado para ayudar a tu familia a ahorrar hasta \$250 al año. Visita [FPL.com/Ahorros](http://FPL.com/Ahorros) para completar el Estudio Online Residencial y haz que tu cuenta sea aún más baja.

# Haz clic para modernizar tu casa con estilo.



Es fácil modernizar tu casa con \$5,000 en renovaciones de energía. Haz clic y completa el Estudio Online Residencial antes del 30 de septiembre del 2014, y quedarás registrado automáticamente en el sorteo para ganar mejoras de eficiencia energética que toda tu familia disfrutará. ¡Visita [FPL.com/Ahorros](http://FPL.com/Ahorros) y tendrás la oportunidad de ganar!

CAMBIANDO LA CORRIENTE.



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Radio Scripts

**HOUSE TO HOME RADIO :30**

It's amazing what you can do online with a click these days...

With just a "click" you can turn your new house into a home.

With just a "click" you can bring in bright ideas that light up any room.

And now, you can just "click" to see how you can save up to two hundred and fifty dollars a year on your energy bill.

With FPL's Online Home Energy Survey it's now easier to find personalized ways to save.

Go to FPL dot com slash easy to save and just click to change the current way you use energy and make your bill even lower.

### **MOVIE NIGHT RADIO :30 OPTION 1**

It's amazing what you can do online with a click these days.

With just a click ... you can watch a movie.

With just a click ...you can order dinner.

And now, with just a click, you can save up to two hundred and fifty dollars a year on your energy bill. With FPL's Online Home Energy Survey, it's now easier to fast forward to personalized savings.

Go to [FPL dot com slash easy to save](http://FPL dot com slash easy to save) and just click...to change the current way you use energy and make your bill even lower.

### **MOVIE NIGHT RADIO :15**

It's amazing what you can do online with a click these days—from ordering dinner to downloading movies, and even saving money on your energy bill. Go to [FPL dot com slash easy to save](http://FPL dot com slash easy to save) and just click to take the Online Home Energy Survey and make your bill even lower.

### **:10 TAG**

FPL's Online Home Energy Survey makes it easy to save up to two hundred and fifty dollars on your energy bill. Go to [FPL dot com slash easy to save](http://FPL dot com slash easy to save) and just click to get started!

### **:05 SECOND TAG**

Just "click" to save on your energy bill. Go to [FPL dot com slash easy to save](http://FPL dot com slash easy to save) today.

MGSCOMM

Radio Script

**MOVIE NIGHT RADIO :30 – SPANISH**

Es increíble lo que puedes hacer con un clic en el Internet.

Con un clic... puedes encontrar la película perfecta para tu familia.

Con un clic... puedes ordenar la cena.

Y ahora con un "clic" puedes ahorrar hasta doscientos cincuenta dólares al año en tu cuenta de energía.

Con el Estudio Online Residencial de FPL ahora es más fácil recibir ahorros personalizados.

Visita [FPL.com](http://FPL.com) diagonal Ahorros y con un "clic" haz que tu cuenta sea aún más baja.

**MOVIE NIGHT RADIO :15 – SPANISH**

Hoy en día, ver películas en familia es fácil con un "clic" en el Internet.

Y ahora con un "clic" puedes ahorrar hasta doscientos cincuenta dólares al año en tu cuenta de energía.

¡Visita [FPL.com](http://FPL.com) diagonal Ahorros y completa el Estudio Online Residencial!

M&S COMM



**MOVIE NIGHT TV :30 – SPANISH**

Es increíble lo que puedes hacer con un “clic” hoy en día.

Con un “clic” puedes encontrar la película perfecta para tu familia.

Con un “clic” puedes ordenar tu cena favorita.

Y ahora haz “clic” para ahorrar hasta doscientos cincuenta dólares al año en tu cuenta de energía.

Con el Estudio Online Residencial de FPL es más fácil recibir ahorros personalizados.

Visita [FPL.com/Ahorros](http://FPL.com/Ahorros) para completar el estudio y haz que tu cuenta sea aún más baja.

**MOVIE NIGHT TV :15 – SPANISH**

Es increíble lo que puedes hacer con un “clic”.

Con un “clic” puedes encontrar la película perfecta.

Y ahora haz clic para encontrar ahorros con el Estudio Online Residencial de FPL.

Visita [FPL.com/Ahorros](http://FPL.com/Ahorros), ¡hoy mismo!

**HOUSE TO HOME TV :30 – SPANISH**

Es increíble lo que puedes hacer con un “clic” hoy en día.

Con un “clic” puedes seleccionar el color perfecto...al precio correcto.

Con un “clic” puedes hacer tus ideas una realidad...dentro de tu presupuesto.

Y ahora haz “clic” para ahorrar en tu cuenta de energía.

Con el Estudio Online Residencial de FPL...es más fácil ahorrar hasta doscientos cincuenta dólares al año.

Visita [FPL.com/Ahorros](http://FPL.com/Ahorros) para completar el estudio y haz que tu cuenta sea aún más baja.

**HOUSE TO HOME TV :15 – SPANISH**

Con un “clic” puedes seleccionar el color perfecto...al precio correcto.

Y ahora haz “clic” para encontrar ahorros con el Estudio Online Residencial de FPL.

Visita [FPL.com/Ahorros](http://FPL.com/Ahorros), ¡hoy mismo!

### **MOVIE NIGHT TV :30**

It's amazing what you can do with a click these days...

Just "click" to make any night family movie night.

Just "click" to order your favorite dinner.

And now, just "click" to save up to two hundred and fifty dollars a year on your energy bill.

With FPL's Online Home Energy Survey...it's now easier to fast forward to personalized savings.

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to take the survey and make your bill even lower.

### **MOVIE NIGHT TV :15**

With just a click, it's easy to turn any night into family movie night.

And now, just "click" to save up to \$250 a year on your energy bill.

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and just "click" to make your bill even lower.

### **HOUSE TO HOME TV :30**

It's amazing what you can do with a click these days...

Just "click" for the perfect color...at the perfect price.

Just "click" for bright ideas...on a budget.

And now, just "click" to get personalized savings on your energy bill.

With FPL's Online Home Energy Survey...it's now easier to find the perfect way to save up to \$250 a year.

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to take the survey and make your bill even lower.

### **HOUSE TO HOME TV :15**

With just a click, it's easy to make your new house feel like home.

And now, just 'click' to get personalized savings on your energy bill with FPL's Online Home Energy Survey.

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to make your bill even lower.

# MGSCOMM



## **GOOD INVESTMENTS :30**

It's amazing what you can do with a click these days.

Just "click" to check on your nest egg and see your progress.

Just "click" to get personalized advice and grow your savings.

And now, just "click" to take control of your energy use and save money all year long.

With FPL's Online Home Energy Survey, it's now easier to get customized recommendations to help you save up to \$250 a year!

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to take the survey and make your bill even lower.

## **GOOD INVESTMENTS TV :15**

These days, saving on your next get-away is just a click away.

And now, just click to see what kind of results you can get with FPL's Online Home Energy Survey.

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to make your bill even lower.

## **BEE OFFICE :30**

It's amazing what you can do for your business with a click these days...

Just "click" to save on office furniture.

Just "click" to save on supplies.

And now, just "click" to save up to \$500 a year on your energy bill when you schedule a free FPL Business Energy Evaluation.

Together, we can find new ways to save energy and make your bill even lower.

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and just "click" to schedule your evaluation today.

## **BEE Dry Cleaner :15**

With just a click, it's easy to spot new ways to save for your business.

And now, just click to save up to \$500 a year on your energy bill.

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to schedule your free Business Energy Evaluation today.

MGSCOMM



**BEE Bakery :15**

With just a click, it's easy to stir up savings for your business.

And now, just click to save up to \$500 a year on your energy bill.

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to schedule your free Business Energy Evaluation today.



## **BEE OFFICE :30**

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Just "click" to save on office furniture.

Just "click" to save on supplies.

And now, just "click" to save up to \$500 a year on your energy bill when you schedule a free FPL Business Energy Evaluation.

Together, we can find new ways to save energy and make your bill even lower.

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) and just "click" to schedule your evaluation today.

## **BEE Dry Cleaner :15**

With just a click, it's easy to spot new ways to save for your business.

And now, just click to save up to \$500 a year on your energy bill.

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to schedule your free Business Energy Evaluation today.

## **BEE Bakery :15**

With just a click, it's easy to stir up savings for your business.

And now, just click to save up to \$500 a year on your energy bill.

Go to [FPL.com/EasyToSave](http://FPL.com/EasyToSave) to schedule your free Business Energy Evaluation today.