

Live Green in Plano

NEWS

PUBLISHED BY THE CITY OF PLANO SUSTAINABILITY
& ENVIRONMENTAL SERVICES DEPARTMENT

L2LG 20
12

LEARN 2 LIVE GREEN



10 am to 4pm

Saturday, April 14

The Shops at Legacy

Dallas North Tollway @ Legacy Drive, Plano

learn2livegreen.com

Podium Personalities at Learn 2 Live Green: **Featured Speakers**



Robyn O'Brien

A former financial and food industry analyst, author, Fulbright grant recipient and mother of four, Robyn O'Brien brings compassion, insight and detailed analysis to her research on the health of the American family and its food system. She has been called "food's Erin Brockovich" by the New York Times.



Charles Fishman

An investigative journalist, Charles Fishman specializes in social responsibility. While researching his book, The Big Thirst, Fishman stood at the bottom of a half-million-gallon sewage tank, sampled water directly from the springs in San Pellegrino, Italy and carried water on his head for 3 km with a group of Indian villagers. Discover the profound local impact of his global observations at his presentation, "The New Age of Water: Re-imagining How We Use Water, and How We Think About It." (Underwritten by North Texas Municipal Water District)



Dr. Deb Tolman

How does a garden measuring just six feet in diameter grow enough produce to feed a family? Deb Tolman knows the secret - a keyhole garden. Learn to make great use of "waste" and grow a truly sustainable garden with no-to-low watering and no fertilizing.



Howard Garrett

The Dirt Doctor provides a compelling and interactive presentation tailored to North Texas residents with an emphasis on water conservation and organic gardening.

Exclusive L2LG featured presentations are in the Angelika Film Center located at The Shops at Legacy. For presentation times, see the L2LG Schedule on page six.



The Solar Car Challenge is an education program designed to help motivate students in science, engineering and alternative energy. The program teaches high school students how to plan, design, engineer, build, race and evaluate roadworthy solar cars.

Learn 2 Live Green welcomes participants of the Solar Car Challenge. L2LG offers teams an opportunity to complete a time-trial race in advance of their annual week-long challenge at Texas Motor Speedway. Participating teams begin their time-trial run at 9 a.m. at Classic BMW in Plano and complete the race at L2LG.

Top teams will display their cars during the event, and students will answer questions and discuss their vehicles with the crowd. Solar cars may not be mainstream yet, but check out how innovative students work toward maximizing their intelligence and mechanical know-how to reach the Solar Car Challenge Goal.

Science & Technology Magazine named the Solar Car Challenge as one of the top science and engineering programs in the country. In anticipation of upcoming solar challenge events, there are 85 on-going high school solar car projects located in 23 states which are in the process of engineering roadworthy solar cars. Learn more and see the L2LG route at solarcarchallenge.org.

THE RECYCLING EXPERIENCE

Children of all ages love a chance to sit in the driver's seat of a real recycling truck and see how it operates. Visit the Recycling Experience at L2LG and be the first in your neighborhood to operate the new two-armed recycling truck. Don't miss the excitement!

- > Right Place. Right Time. Right Stuff.
Transparent Recycling Cart
- > Plano's Recycle Truck Drivers
- > Environmental Waste Services Customer Service Team

Visit with a customer service representative for details about using a smaller trash cart when you commit to recycle more. Let's work together to live greener and save a little green while we're at it!



ZERO WASTE STAYS IN ITS PLACE

Get acquainted with L2LG's Zero Waste Stations located throughout the venue with Green Ambassadors to help keep landfill waste to ZERO!

Don't forget to bring a reusable water bottle. Culligan is providing water stations for free bottle refills, leaving no wasted single-use cups to toss.

Learn how to make any event a "Zero Waste Event," by contacting Kim Soto at kims@plano.gov or visiting with the Green Ambassadors at the L2LG Zero Waste Stations.



ZeroWasteEvent
Local Goal, Global Impact.

BIKE IT TO L2LG



BURN CARBOHYDRATES INSTEAD OF HYDROCARBONS!

Combine a purposeful trip with exercise by biking to Learn 2 Live Green.

Visit bikeplano.org to learn about the City of Plano's on-street bicycle routes. Plan a ride or access bicycle-friendly directions by downloading a route map or using Google maps. Bike riders will find two on-street routes which come directly to L2LG at The Shops at Legacy: Tennyson (Route 60) and Parkwood (Route 15). Use the bicycle route map to navigate Plano's trail system combined with the on-street bike route system to complete the trip from anywhere in the City.

Join other riders on our Facebook event page to discuss route ideas, receive updated L2LG event information, learn safety tips and discover surprise incentives for biking to the event.



facebook.com/livegreeninplano

Free!

DO-IT-YOURSELF WORKSHOPS!

LEARN EASY WAYS TO GREEN-IT-YOURSELF BY ATTENDING ONE OF OUR DIY WORKSHOPS!

Home Energy Efficiency*

Energy experts will discuss simple methods to reduce your energy use and bring down those electricity bills!

1

Homemade Green Cleaners and Beauty Products*

Breathe easier in your home by switching to green cleaners and beauty products. Learn to make your own using gentle ingredients found in your kitchen pantry.

2

Food Waste Composting (Biodigesters and Bokashi)*

Don't send your food waste to the landfill - compost it! Learn how to turn your food scraps into nutrients for your garden and landscapes.

3

Container Gardening for Small Spaces*

Collin County Master Gardeners teach the basics to transform your small patio or balcony into a thriving garden using container gardening.

4

Plano residents are eligible to receive giveaways at each of the workshops. (one per household)

* See the entire DIY Schedule on page six. Pre-registration is required for all workshops. Space is limited. Register online at livegreeninplano.obsres.com.

FEEL-GOOD SHOPPING

The L2LG Fair Trade area allows you to find diverse products ranging from one-of-a-kind jewelry, carvings and other handicrafts to coffee and tea. Buying products which are created through fair trade practices helps support producers and small farmers from diverse countries.



GOING GREEN IS CHILD'S PLAY

It's great to be a kid at L2LG! Wander the venue and discover lots of fun and engaging activities focused on green living. Feed garbage to worms, compare green cleaners, make a flower bouquet out of repurposed books, pedal hard to power a light bulb, plant a caterpillar or make a wind spinner or rain stick.



A SHOUT OUT TO GIRL SCOUTS

Before leaving home, go to learn2livegreen.com and print a L2LG Scavenger Hunt game. There are three versions of the scavenger hunt, each customized for Daisy, Brownie and Junior Girl Scouts. After completing the hunt, order a patch to commemorate your work!

learn2livegreen.com

TEXAS PURE: BETTER GARDENS, LESS WATER



Don't forget to use compost and mulch to protect your plants from the ravages of drought. Texas Pure compost is one of the highest quality composts created in our nation today, certified with the Seal of Testing Assurance through the United States Composting Council to be weed- and pathogen-free.

Listed by the Organic Materials Review Institute, Texas Pure compost meets rigorous requirements which support its use as approved organic compost for United States Department of Agriculture organic growers and farmers.

Go play in the dirt! You'll feel better for it. From containers to acreage, go organic and learn more about Texas Pure products at Learn 2 Live Green.

FOUNTAINS OF KNOWLEDGE

Do drought issues have your landscape looking limp? Come take advantage of the fountains of knowledge at L2LG.

Workshops for the home DIY fan will guide you through the process of making a rain barrel and how to install drip irrigation. Registration is required for the Rain Barrel Making Workshop and is available online at livegreeninplano.obsres.com.

Classes will be offered to help trees survive the drought and how to protect your foundation. Turf grass expert, Dr. James McAfee, Texas AgriLife Research and Extension Center, will answer residents' questions about their grass and landscaping.

Visit water conservation booths to learn how to find and fix expensive, wasteful water leaks around your house, make simple sprinkler repairs, and talk with vendors of irrigation equipment about their latest products.

L2LG FILM FEST

The L2LG Film Fest features the winning submissions from two contests - one for students and the other for families in North Texas. Whether you're just green beginners or hardcore green machines - your stories and films will inspire, amuse and offer thought-provoking challenges to our personal lifestyles and impact on the environment.

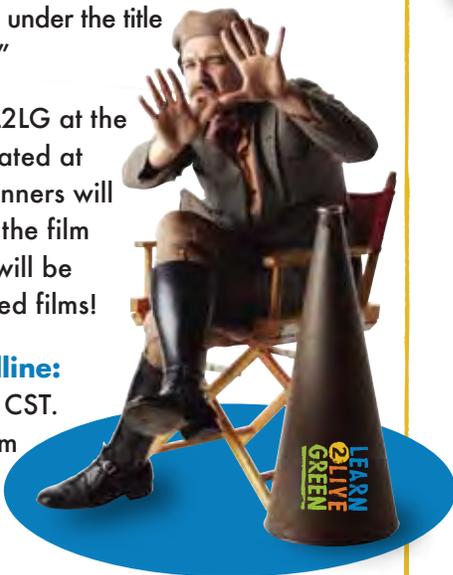
Call for Entries: All film styles, from animation to documentaries, are accepted. After completing an online registration form, competitors must post their films to YouTube under the title "My L2LG Film Fest Entry."

Films will screen during L2LG at the Angelika Film Center located at The Shops at Legacy. Winners will be announced following the film screenings. Cash prizes will be awarded to the top ranked films!

Film submission deadline:

Friday, April 6 at 5 p.m. CST.

Required registration form is available online at learn2livegreen.com.



SPECIAL EXHIBIT: PLASTIKI

The Hard Truth About Plastic Bottles

How frequently do you reach for bottled water? Explore this special touring exhibit near the L2LG Stage to learn more about the impact of discarded plastic water bottles on our environment. In 1976, the average American consumed around 1.6 gallons of bottled water per year. In 2006, Americans consumed over 28.3 gallons per year. Today, we use roughly 2.5 million plastic bottles every hour or approximately 22 billion per year. Learn more about why recycling them is the right thing to do!

22,000,000,000



FROM THE ARTIST'S PALETTE — SHADES OF GREEN!

L2LG ART SHOW

Enjoy an art exhibition like no other - one which reflects an environmental theme through its subject matter or demonstrates the use of recycled, reused or sustainable materials. Featured artwork includes large and small sculptures, framed art and photography. The pieces are available for purchase directly through the artist.

VIEW 2 VOTE

Evoke your artistic right to vote! Choose your favorite art piece and submit a ballot. The artist achieving the most votes will receive a prize and special recognition in the Live Green in Plano e-newsletter. The voting period will be 11 a.m. - 3 p.m. during L2LG.

ART 2 SWAP

See everyday items in a whole new light. Bring items you've saved, then donate or swap them for something needed to create your own masterpiece. Spend time browsing, touching and selecting unique eco-art materials and prepare to be inspired! Your stash of stuff from home could be the perfect artistic medium for someone else. Open access will be provided to all supplies in the swap area. Participants may swap, barter or buy recycled items on hand for a nominal fee of \$1-10.

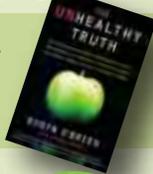
SCHEDULE OF EVENTS

THEATER 1 ANGELIKA FILM CENTER

10-11 a.m.
Howard Garrett,
Dirt Doctor
Natural Organic
Gardening and Landscaping



11:15 a.m.-12:15 p.m.
Robyn O'Brien
The Unhealthy Truth



12:30-1:30 p.m.
Dr. Deb Tolman
Drought Gardening
in Texas -
Keyhole Gardening



1:45-2:45 p.m.
Charles Fishman
The New Age of Water:
Re-imagining How We
Use Water, and How
We Think About It.



3-4 p.m.
Robyn O'Brien
The Unhealthy Truth



THEATER 3 ANGELIKA FILM CENTER

10-11 a.m.
Rain Barrel Workshop

11:15 a.m.-12:15 p.m.
**Food Waste Composting
Workshop**

12:30-2:30 p.m.
L2LG Film Fest

2:30 p.m.
**L2LG Film Fest
Presentations**

3-4:30 p.m.
YERT



THEATER 5 ANGELIKA FILM CENTER

10-10:45 a.m.
Matt Grubisch,
Texas Trees Foundation
Caring for Trees During Drought

10:45-11:30 a.m.
Tom Gooch, North Texas Municipal
Water District (NTMWD)
Status of Regional Water Supply

11:45 a.m.-12:45 p.m.
Dr. Dotty Woodson,
Texas AgriLife Extension
Converting to Drip Irrigation

1-1:45 p.m.
Lynda Strain, LKS Garden Design
**How to Maintain Attractive
Landscapes During Drought**

1:45-2:30 p.m.
Dr. Jim McAfee, Texas AgriLife Extension
**Ask the Expert:
Problems with Your Lawn**

2:45-3:30 p.m.
Ralph Edge,
CGreen Landscape Irrigation
Low Water Use Landscapes

3:30-4 p.m.
Bill Thomas,
Foundation Repair Association
Protecting Your Foundation



DIY WORKSHOPS TENT

10-10:45 a.m.
Gary Rogers, Elliott's Hardware
Home Energy Efficiency

11-11:45 a.m.
Melanie McCabe Faulkenbury,
New Leaf Natural Home Services
Home, Health and Beauty



Noon-12:45 p.m.
Plano Community Gardeners
Food Waste Composting
(Biodigesters & Bokashi)

1-1:45 p.m.
Gary Rogers, Elliott's Hardware
Home Energy Efficiency

2-2:45 p.m.
Collin County Master Gardeners
Container Gardening

3-3:45 p.m.
Plano Community Gardeners
Food Waste Composting
(Biodigesters & Bokashi)

SCHEDULE OF EVENTS

URBAN FARMING PRESENTATIONS

7200 BISHOP ROAD, SUITE D-9

10-11 a.m.
Trish Percy, Feed Texas First
Preserve Your Harvest



11:15 a.m.-12:15 p.m.
Julie Whitis,
Certified Gardening Instructor
Square Foot Gardening

12:30-1:30 p.m.
Ashley Hutto,
Childhood Obesity and Nutrition,
Texas AgriLife Extension
**Healthy Food:
From Backyard to Table**

1:45-2:45 p.m.
Randy Johnson,
Texas Discovery Gardens
**Soil Ecosystems and
Composting**

3-4 p.m.
Heather Rinaldi,
Texas Worm Ranch
Raised Bed Gardening

ENTERTAINMENT

10 a.m.
Bubble Lady: Linda Berman
Bishop & Lunsford Business Alcove

11 a.m.
Bubble Lady: Linda Berman
Bishop & Lunsford Business Alcove

10:30-11:30 a.m.
Blackland Prairie Raptor Center
Stage at Bishop Lake

11:30 a.m. - Noon
Breakdancing
Stage at Bishop Lake

BMX Stunt Show and Parkour
Street near Bishop Lake

Noon
Bubble Lady: Linda Berman
Bishop & Lunsford Business Alcove

Noon-1 p.m.
Blackland Prairie Raptor Center
Stage at Bishop Lake

1 p.m.
Bubble Lady: Linda Berman
Bishop & Lunsford Business Alcove

1-1:30 p.m.
Breakdancing
Stage at Bishop Lake

BMX Stunt Show and Parkour
Street near Bishop Lake

2 p.m.
Bubble Lady: Linda Berman
Bishop & Lunsford Business Alcove

1:30- 2:30 p.m.
Critterman
Stage at Bishop Lake

2:30-3 p.m.
Breakdancing
Stage at Bishop Lake

BMX Stunt Show and Parkour
Street near Bishop Lake

3-4 p.m.
Bubble Lady: Linda Berman
Bishop & Lunsford Business Alcove

Breakdancing
Stage at Bishop Lake

BMX Stunt Show and Parkour
Street near Bishop Lake

LET US ENTERTAIN YOU!

The Main Stage at Bishop Lake is "entertainment central" at L2LG. From birds to bike stunts, check the schedule and plan to be entertained!

Blackland Prairie Raptor Center: "Predators from the Sky - Gotcha Covered!" Day and night raptors are on patrol in search of a meal. How do they do it? Discover their unique adaptations!

BMX Stunt Riders
Thrills and chills captivate your entire family as extreme stunts are performed by the competitive riders from Sun Bru.

Critterman
"Lone Star Safari." Discover the incredibly valuable services native animals perform as natural pest controllers and waste removers. See, learn and interact with seven different creatures...some may surprise you!



The Incredible Bubble Show
(Bishop & Lunsford Business Alcove)
Linda Berman knows how to entertain, educate, inspire and motivate using soap and water. With an incredible variety of household objects to create mind-boggling bubbles, plan to stop by and enjoy one of the shows.



GENERAL PARKING

Additional public parking is available north of Legacy Road and southwest of the Plano Marriott at Legacy.

AREAS OF INTEREST

Angelika Film Center Theaters 1, 3 and 5.

- > Featured Presentations with Robyn O'Brien, Charles Fishman, Dr. Deb Tolman and Howard Garrett "The Dirt Doctor."
- > L2LG Film Fest
- > Educational Booths
- > L2LG Art Show/View 2 Vote

- A** Volunteer Check-In
- B** Educational Exhibits
- C** Urban Gardening
- D** The Bubble Lady Show in Business Alcove
- E** Eco-Friendly Cars of Today
- F** DIY Workshops*
- G** Fair Trade Tent
- H** Smart Idea Micro Home & Green Your Home
- I** Recycling Experience
- J** BMX Stunt Bike Show
- K** Plastiki Exhibit
- L** Entertainment Stage
- M** Solar Car Challenge
- N** Water Education Tent
- O** Compost Fair*
- Bike Valet
- First Aid Station

*Pre-registration for workshops is required at livegreeninplano.obsres.com.

While most activities are free, modest fees apply for the Rain Barrel Making Workshop and Compost Fair.

KEEP TEXAS BEAUTIFUL ANNOUNCES VOLUNTEER OF THE YEAR

A woodworking hobby led Jinx Smith to volunteering at Plano's Household Chemical Reuse Center. Over the past five years, Jinx contributed 1,008 volunteer hours across the City of Plano's Live Green in Plano (LGIP) programs. As a certified Master Composter and Live Green in Plano Volunteer, Jinx continues to learn and support LGIP environmental programs as a host, training assistant, tour guide and instructor. Involved in every aspect of Plano's environmental education and community outreach, his name quickly becomes familiar to new volunteers in training. His contributions extend the outreach of the Sustainability & Environmental Services staff and reduce budget expenses. Jinx's welcoming handshake and friendly face encourages others to get involved and newcomers immediately feel at home working with the City of Plano's LGIP volunteers.



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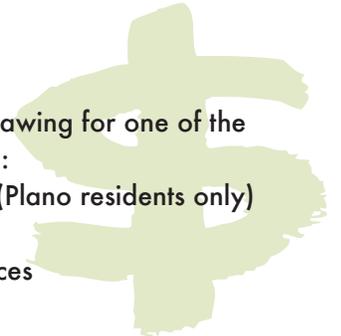
CELEBRATE!

Celebrate the opening of the Environmental Education Center (EEC) from 1-2:30 p.m. on Saturday, May 19 with guided tours and activities for the whole family! Special features of the EEC include Leadership in Energy and Environmental Design (LEED) Platinum-certification as demonstrated with renewable energy technologies, Texas SmartScape landscaping, backyard compost education site and Nature Explore Garden.

L2LG PRIZES!

Come to L2LG and enter a drawing for one of the following prizes (\$150 value):

- > Trash service for one year (Plano residents only)
- > Texas Pure products
- > Landscape consultant services



Saturday, March 31 All Day Event!

Volunteer to beautify the parks, creeks and neighborhoods throughout our community. Schedule a cleanup project on March 31 during Plano's official Great American Cleanup.

The Great American Cleanup Campaign is from March 1 to May 31, offering ample flexibility to plan your projects anytime.

Plano community cleanups are EASY!
You provide the group. We provide the supplies.

Online registration is required at livegreeninplano.com.



CALENDAR OF EVENTS

MARCH 1 - MAY 31

Great American Cleanup

Plano parks, creeks and neighborhoods
Register: livegreeninplano.com



MARCH

27 Smart Energy Loan Program: Informational Kick-off

Learn about a loan program offering lower interest rates to Plano residents for home improvements to enhance energy efficiency and maximize comfort level. 5:30 - 6:30 p.m. Credit Union of Texas - 7801 Coit Road



31 Great American Cleanup One Stop Drop

9 a.m. - 1 p.m., Clark High School
523 West Spring Creek Parkway

APRIL

14 Learn 2 Live Green

10 a.m. - 4 p.m., The Shops at Legacy
Dallas North Tollway @ Legacy, FREE!



21 Be Yard Wise, Plant a Texas SmartScape & Garden Tour

8 a.m. - 5 p.m., Environmental Education Center
4116 W. Plano Parkway, FREE!
Register: livegreeninplano.obsres.com

28 National Take Back Initiative

Safe Disposal for Prescription and Over-the-Counter Medications
For more information: livegreeninplano.com
10 a.m. - 2 p.m.

- > Clark High School
523 W. Spring Creek Parkway
- > Plano Senior High School
2200 Independence Parkway
- > Plano West Senior High School
5601 W. Parker Road
- > Baylor Regional Medical Center at Plano
4700 Alliance Boulevard

28 Love Where You Live: Neighborhood Cleanup

7 a.m. - 3 p.m.
Forman Elementary School
3600 Timberline Drive, Register: planoplanning.org



MAY

2 Irrigation Quick Fixes

7 - 8 p.m., Environmental Education Center
4116 W. Plano Parkway, FREE!
Register: livegreeninplano.obsres.com

3 Food Waste Composting: Worms Eat Our Garbage

7 - 9 p.m., Environmental Education Center
4116 W. Plano Parkway, Cost: \$5
Register: livegreeninplano.obsres.com



5 All About Composting

8 - 11 a.m., Environmental Education Center
4116 W. Plano Parkway, Cost: \$5
Register: livegreeninplano.obsres.com

14 Saving the Most Valuable Asset of the Landscape: Trees!

Matt Grubisch, Texas Trees Foundation
7 - 8 p.m., Environmental Education Center
4116 W. Plano Parkway, FREE!
Register: livegreeninplano.obsres.com

17 Learn Green 2 Live Green Series: Electric Cars: The Shocking Truth

7 - 8 p.m., Haggard Library
2501 Coit Road, FREE!



19 3rd Saturday Tour & Talk: Go Green, Breathe Clean

9:30 - 11 a.m.
Environmental Education Center
4116 W. Plano Parkway, FREE!
Register: livegreeninplano.obsres.com



19 Environmental Education Center Opening Celebration!

1 - 2:30 p.m., Environmental Education Center
4116 W. Plano Parkway, FREE!

29 Rainwater Harvesting

7 - 8 p.m., Environmental Education Center
4116 W. Plano Parkway, FREE!
Register: livegreeninplano.obsres.com

JUNE

7, 8 and 9 Live Green in Plano Volunteer Training

7 - 9 p.m., June 7 and 8

8 a.m. - 5 p.m., June 9

Environmental Education Center

4116 W. Plano Parkway, FREE!

Register: livegreeninplano.obsres.com



16 Irrigation Quick Fixes

10-11 a.m., Environmental Education Center

Parkway Service Center, Training Room A

4120 W. Plano Parkway, FREE!

Register: livegreeninplano.obsres.com

16 Talking Trash & Recycling

10-11:30 a.m., Environmental Education Center

4116 W. Plano Parkway, FREE!

23 Rain Gardens:

Design, Construction and Maintenance

10 a.m. - Noon, Environmental Education Center

4116 W. Plano Parkway, FREE!

Register: livegreeninplano.obsres.com

25 DIY Drip Irrigation

7-8 p.m., Environmental Education Center

4116 W. Plano Parkway, FREE!

Register: livegreeninplano.obsres.com

City Holiday Closings

City offices are closed May 28 and July 4. The Household Chemical Reuse Center is closed on May 26 and 28, and July 4.

Collection Schedule Changes

There will be no collections on Monday, May 28; and Wednesday, July 4. Trash, recycling, yard trimmings and bulky waste collections slide forward one day.

Monthly Electronics Recycling Collections

1st Saturday

9 a.m. - Noon, First United Methodist Church
East Spring Creek Parkway at East Parker Road

2nd Saturday

9-11 a.m., St. Andrews United Methodist Church
West Plano Parkway at Mira Vista

3rd Saturday

9-11 a.m., Christ United Methodist Church
Coit Road at West Parker Road



WELCOME HOME TO LOWER UTILITY BILLS

Stroll through the Smart Idea Micro Home and enjoy an interactive experience demonstrating innovative energy efficiency technology for the home. Enteract brings manufacturers, educational institutions and non-profit organizations together under one roof – the micro home’s energy-producing roof complete with solar panels.

Get inspired, and then get the money to make your energy efficient upgrades a reality. The City of Plano offers the Smart Energy Loan Program to qualified Plano residents. Smart Energy Loans facilitate energy retrofits to existing homes at interest rates which are below current market rates. More information is available at smartenergyloans.com or visit L2LG for more information.

If you’re hot under the collar about rising energy costs, then step into the Smart Idea Micro Home and visit with the experts. Save money at home, experience enhanced air quality, enjoy a more comfortable living environment, and do something good for the environment.



Residential Customer

WHAT'S INSIDE...



L2LG thanks the Cities of Richardson and Frisco for their respective partnerships.

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