



IN COOPERATION WITH



What We Will Cover



- Grant Project
- The Problem: Disposables
- The Solution: Refillables
- Pre-Study Results
- Public Outreach
- Post-Study Results/Challenges
- What You Can do to Join the Refuel Your Fun Campaign!

HHW HD 23 Grant Funding



Objective:

“for residents to **switch from using disposable single use one pound propane cylinders to refillable one pound cylinders** and to encourage retail locations to sell refillable one pound propane cylinders, with the potential of providing refill or exchange services.”

The Problem: Disposables



Photo from lpgasmagazine.com, 1/5/12



← Manufactured to be used ONCE and thrown “away”

How they come in for recycling at Kamps Propane →



The Problem: Disposables are CO\$TLY



- 80% of the cost is the package (cylinder)
20% is the gas
- Difficult and labor intensive to recycle,
costly to local governments and parks
- ~\$1.25/cylinder to recycle

← ~\$5.95 new

The Problem: Disposables SAFETY



Photo from the City of Elk Grove Household Hazardous Waste (HHW) Facility

- Risk to workers



Photo from the City of Elk Grove HHW Facility

The Problem: Disposables Hurt the Environment



Photo from Kamps Propane at Yosemite National Park

- 40 million cylinders sold in North America each year
- Over four million in CA alone



Photo from Kamps Propane at Yosemite National Park

The Solution: Refillables



THERE'S A NEW TYPE OF CYLINDER IN TOWN



BE GREEN AND \$AVE GREEN WITH REFILLABLES

The Solution: Refillables



Photo from Kamps Propane



Photo from Manchester Tank Website

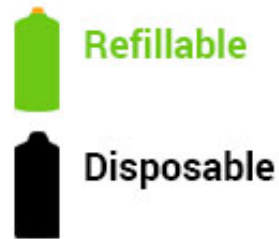


Photo from Kamps Propane

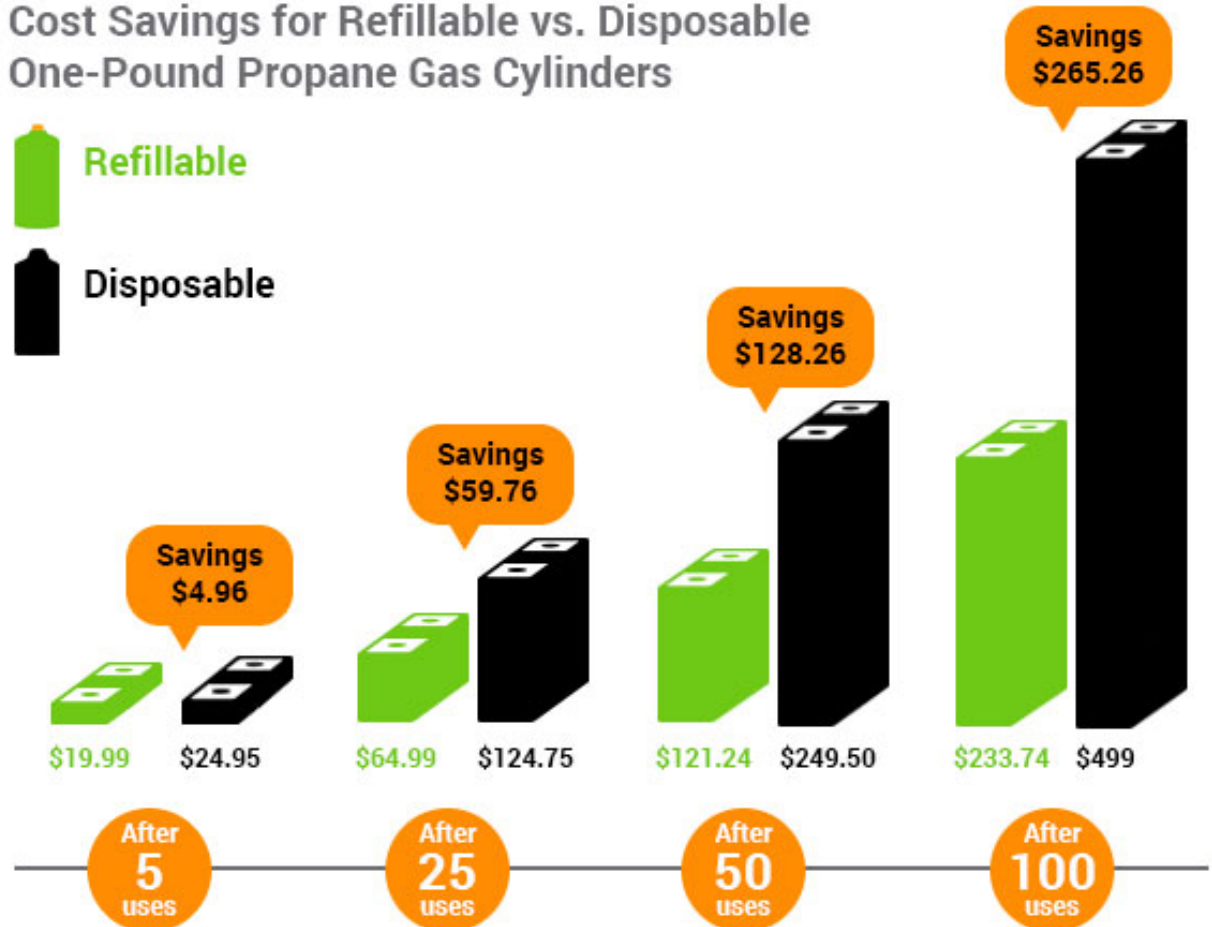
The Solution: REFILLABLES Save Money



Cost Savings for Refillable vs. Disposable One-Pound Propane Gas Cylinders



One refillable can save an average of **\$320** over their 12-year life span



Survey



- Retailer Survey
- Sacramento County Park Survey



Public Outreach



1 LB. REFILLABLE GAS CYLINDERS

good for your business
and the environment



- FREE store advertising
- FREE media coverage
- Increase foot traffic
- Reduce waste at the landfill

To learn more about refillable gas cylinders, visit these vendor's websites:

Manchester www.mantank.com

Flame King www.flameking.com

Kamps Propane www.kampspropane.com



Public Outreach




1 LB. REFILLABLE PROPANE GAS CYLINDERS

choose refillables to save money and the environment



Manufactured and distributed by:



Sponsored by:



Funded by a grant through: 

RefuelYourFun.org



ЗАПРАВЛЯЕМЫЕ БУТАНОВЫЕ БАЛЛОНЫ - 1LB

пользуйтесь заправляемыми баллонами, экономьте деньги и берегите окружающую среду



Производится и распространяется:



Спонсоры:



Финансируется грантом от: 

RefuelYourFun.org



CILINDROS DE GAS PROPANO RELLENABLES DE 1 LB

use cilindros rellenable para ahorrar dinero y proteger el medio ambiente



Fabricado y distribuido por:



Patrocinado por:



Financiado con una subvención de: 

RefuelYourFun.org



1 CÂN ANH BÌNH KHÍ PROPANE ĐỒ ĐẦY LẠI ĐƯỢC

chọn loại đồ đầy lại để tiết kiệm tiền và môi sinh



Chế tạo và phân phối bởi:



Được tài trợ bởi:



Được tài trợ bởi quỹ trợ cấp qua: 

RefuelYourFun.org

Public Outreach



ReFuel Your Fun
Pledge!



No matter how I use it.....



*I pledge to ReFuel My Fun using refillable one-pound propane cylinders.
I can reduce waste by refilling, not landfilling,
and save money and hassle.*



1. I pledge to ReFuel my Fun!

Yes

2. City of Residence

City/Town

State/Province

ZIP/Postal Code

Public Outreach



Next Time, Get Your Grill on with a **Refillable Gas Cylinder**



Funded by a grant from CalRecycle 

Visit [ReFuelYourFun.org](https://www.ReFuelYourFun.org) for stores near you

Public Outreach



Next Time, Get Your Grill on With a Refillable Gas Cylinder

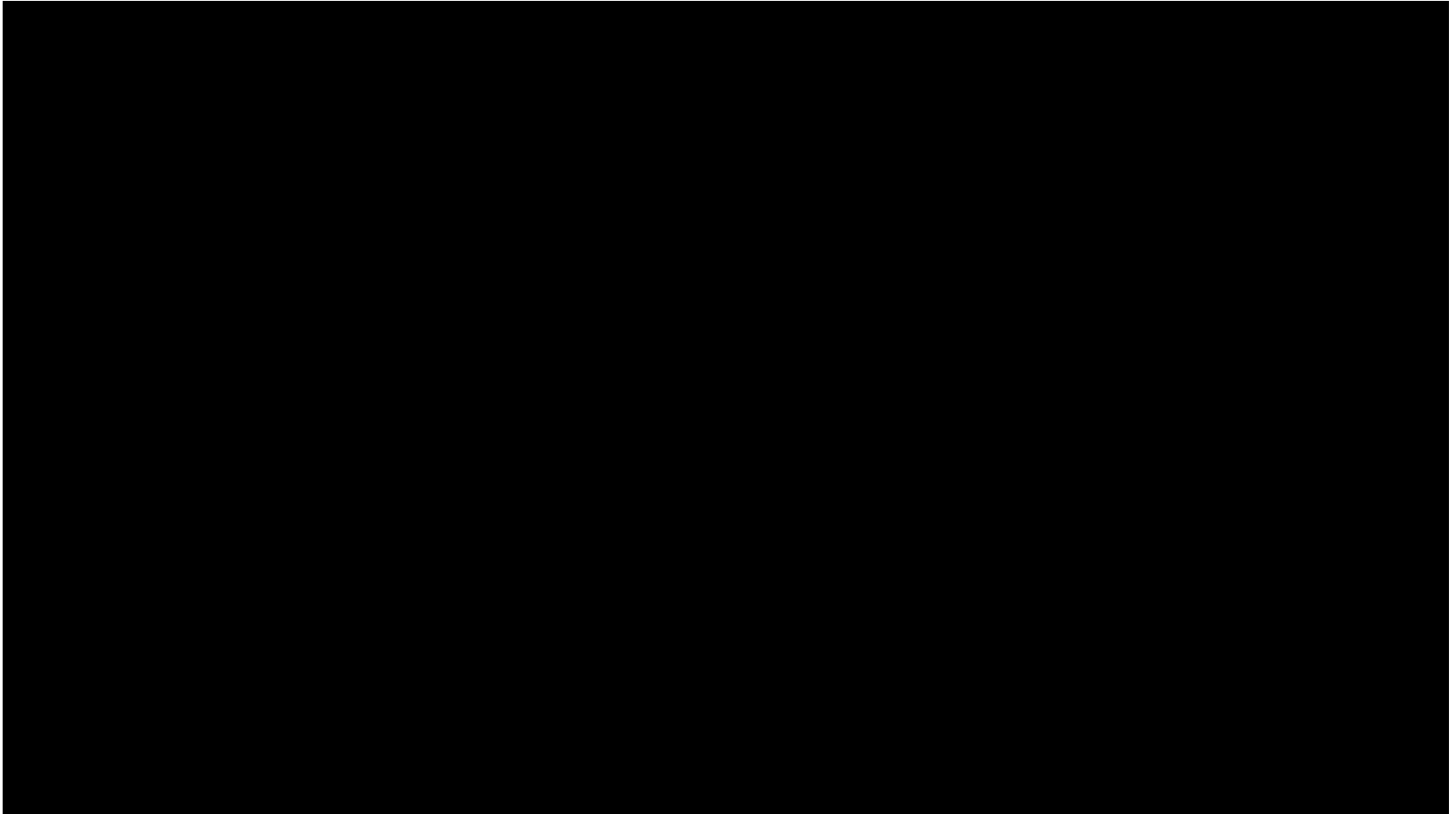
Partner Retailers:



ReFuelYourFun.org



Media



Community Outreach – *Earth Day*



Community Outreach – Chili Festival



Community Outreach - *Cultural Festival*



Community Outreach – *Big Truck Day*



Social Media



Refuel Your Fun

Callie Home Find Friends

STANFORD

STANFORD

12

STANFORD

REFUEL YOUR FUN & SAVE! CHOOSE REFILLABLES!

Refuel Your Fun Community

Like Follow Message

Timeline About Photos Likes Videos

PEOPLE >

128 likes

Invite your friends to like this Page.

ABOUT >

ReFuel Your Fun is a new campaign designed to encourage the use of the new refillable one-pound propane cylinders.

Post Photo / Video

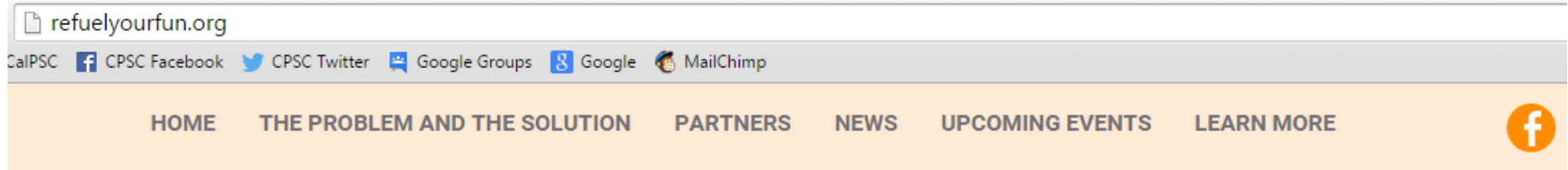
Write something...



Post

Refuel Your Fun Yesterday at 2:24pm ·

Support ReFuel Your Fun! Check out how you can save \$ and the

Website



Save  and the  :
Use refillable propane cylinders!

www.RefuelYourFun.org

Challenges



- Consumer Behavior
- Store Participation



Photo Credit: CalRecycle

A screenshot of a retail website's product page for a 1 lb. Refillable Propane Cylinder. The page features a search bar at the top with the text "What can we help you find today?". Below the search bar are navigation links for "All Departments", "DIY Projects & Ideas", "Home Services", "Local Ad", and "Specials & Offers". The product title is "Flame King 1 lb. Refillable Propane Cylinder" with a price of "\$13.97 /each". The page also includes a star rating, a "Write the first Review" link, and an "Ask the first question" link. The product image shows a green propane cylinder with a blue label that reads "Flame King 14.4oz E-Z-FIT™ REFILLABLE PROPANE CYLINDER".

How Can You Refuel Your Fun?



- Like the Facebook page and follow
- Share stories of use and pictures
- Articles in your newsletters, websites etc....
- Ask local stores that sell disposables to offer sell/refill/exchange
- Promote stores selling/refilling/exchanging



For more information contact:

Christian Punsal, Integrated Waste Coordinator

City of Elk Grove

916.627.3452

cpunsal@elkgrovecity.org

www.ReFuelYourFun.org



IN COOPERATION WITH

