



### ENERGY SAVERS TIPS



Here are a few tips to help you save some energy and money!!

- **Hot Water System Efficiency:** Hot Water Cylinder Insulation- factory insulated to a minimum of 35mm, and save up to 20%.
- **Lighten the Load:** So many people use their boots as a small store for everything from tool kits to golf clubs. Carrying this extra weight on a regular basis increases your fuel consumption by around 10%.

### RENEWABLE SOLAR ENERGY



A solar panel on your roof will always enhance the value of your property, and provide up to **80% of your homes hot water** (typically 4-5m<sup>2</sup>). If you want a solar panel to heat your home, you must pay careful attention to the size. A south facing roof on a 40-45° pitch is best.

Solar PV panels can also provide electricity.

- **Solar Thermal:** Typically costs €1,000-€1,500 / kW<sub>ST</sub> installed.
- **Solar Photovoltaic (PV):** Generally costs €2,500-€3,000 / kW<sub>PV</sub> installed.



### GO GREEN & SAVE SOME GREEN THIS ST.PATRICK'S DAY



#### WAYS TO GO GREEN FOR ST.PATRICK'S DAY



- ❖ **See the Light:** Change light bulbs to compact fluorescents- they save energy and money!
- ❖ **Buy Renewable Energy:** A long-term investment such as wind and solar energy for your home or business decreases energy-dependence.
- ❖ **Turn Down the Heat:** Heating accounts for half of the energy a home uses. Turn down the heat when you leave the house or turn in for the night. Also use time control for your heating.
- ❖ **Inflate your Tires:** Proper inflation of tires means better mileage, saving you cash.
- ❖ **Voice your Opinion:** Raise your environmental concerns to lawmakers; tell them you want healthy and thriving forests, beaches, parks and open spaces, as well as an increase in the use of renewable energy sources.
- ❖ **Go Native for National Tree Week:** Replace part of your lawn with native plants and trees that support and attract butterflies, bees and birds.
- ❖ **Act Local:** Buy environmentally-friendly St. Patrick's Day products locally to support the local economy, and keep the streets clean for parade days and for everyday.
- ❖ **Travel Green:** If you're travelling to a parade, try to walk or cycle there if it's a short distance. For longer journeys, carpool with friends or family.

### Upcoming Events



- **March 6<sup>th</sup>-13<sup>th</sup> National Tree Week:** Why not try and plant some new trees to help the environment?
- **March 17<sup>th</sup>:** Ennis's *St. Patrick's Day Parade* at 11 am, and Limerick City's at 12 pm.
- **March 23<sup>rd</sup>-24<sup>th</sup>:** *Irish Wind Energy Association's (IWEA) Annual Conference* takes place in Dublin.
- **April 6<sup>th</sup>-7<sup>th</sup>:** *The Energy Show*, RDS, Dublin. Register for free passes to this event on the Sustainable Energy Sector.

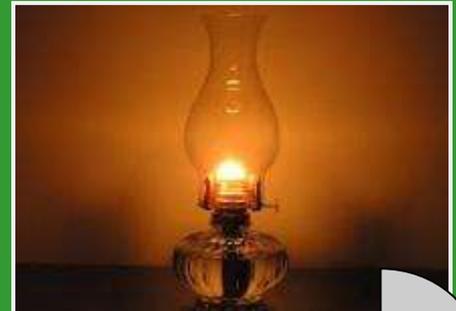
# CLARE & LIMERICK'S ENERGY EVOLUTION



1916 - 2016



## The Good Ol' Low Carbon Days!



Low Carbon 1916 → CO<sub>2</sub> 2016: The Cost of Economic Development



**Vs.**

**2016**

The Energy & Transport Sectors are the second largest contributors of CO<sub>2</sub> Emissions with 21%.



## Energy's Evolution: From Fossil Fuels → Clean Renewables



**Moneypoint**, the Clare coal burning power station, was commissioned in 1987. There is now a strong need to move away from such fossil fuel energy production to clean, renewable energy sources.



County Clare is over 95% dependent on imported energy. Renewable energy accounts for just 3% of the County's present energy needs.



**Ardnacrusha** was opened in Clare in 1929, this hydroelectric power station was the largest in the world, and once supplied almost the total electricity demand (80%) of the Irish state.



**Renewable Energy:** A number of Wind Turbine projects are underway in Limerick and Clare.



**Peat Burning Power Station**, three of these plants located in Ireland.

**RENEWABLE ENERGY TARGET**  
20%  
Of Energy Consumption  
By 2020



**Cleaner Energy**



**Marine Energy** is an important innovation in Clare & Limerick's Energy Development Plan.