

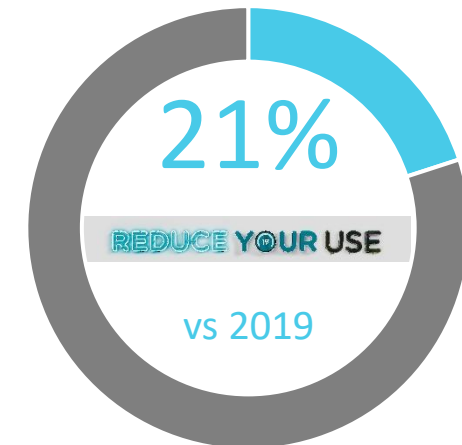
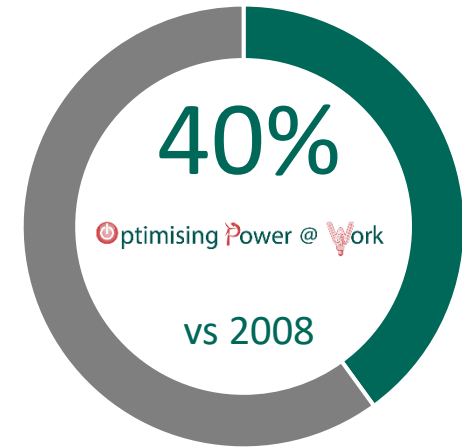
Case study 1



21% energy saving achieved during the RYU initiative by a dedicated and focused energy team

Tipperary Private Security Authority (PSA)

- A listed historical building, built in the 1870's, in Tipperary Town
- PSA occupied mid 2007 – after significant renovation of the former Garda Station
- Joined Optimising Power @ Work in 2010
- Strong senior management support for saving energy
- Active Energy Team – trained on the Building Management System (BMS)
- Energy Audit completed with a register of opportunities
- Regular Out of Hours Audits, typically bi-annually
- Regular Building Management System reviews and recommendations
- Staff Awareness Events - energy clinics, presentations and awareness days
- Staff communications campaign - email and posters
- Display Energy Certificate – B2
- OPW Energy Awards regional winners 2013 & 2018



Tipperary Private Security Authority (PSA)

Heating



- ✓ Heating off during lunch period 12-2 for most of the RYU period.
- ✓ Scheduled heating to go off a little earlier to ensure a two-hour cool-down time before staff left.
- ✓ Optimised temperature setpoints on BMS to limit room temperatures.
- ✓ Optimised domestic hot water temperature set points and schedules.
- ✓ Staff advised on the heating strategy.
- ✓ TRVs set at 2-3 in offices to help meet 19°C mandate - Corridors: 1-2.
- ✓ Reduce Your Use communications disseminated to staff by email, poster and webinar
- ✓ 'Master of Controls' and 'It's a Cover up' focused on radiators and local controls.

It's a Cover-up!

Keep radiators clear – the heat can't get out if they're covered.



Blowing Hot and Cold!

Please turn off the heating locally before opening a window and return it to the 'sweet spot' when you close the window.



Find the Sweet Spot

Once you find the setting that works best, leave it there for the radiator to regulate the heat.



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Lighting



- ✓ No external display or feature lighting was used.
- ✓ Traffic light switch-off stickers are used throughout.
- ✓ Reduce Your Use communications disseminated to staff by email, poster and webinar.
- ✓ 'Light Relief' focused on labelling light switches and 'See the Light of Day' focused on switching off lights when there is enough natural daylight.

Light Relief

Labelling light switches can make it easier to switch off and save.



SWITCH ME OFF

after use

Optimising Power @ Work

**MÚCH MÉ
tar éis úsáide**

Optimising Power @ Work

SWITCH ME OFF

before leaving

Optimising Power @ Work

**MÚCH MÉ
roimh imeacht**

Optimising Power @ Work

Please
DO NOT SWITCH OFF

Optimising Power @ Work

**Le do thoil
NÁ MÚCHTAR**

Optimising Power @ Work

See the Light of Day

If the sun's out... Switch off the lights!



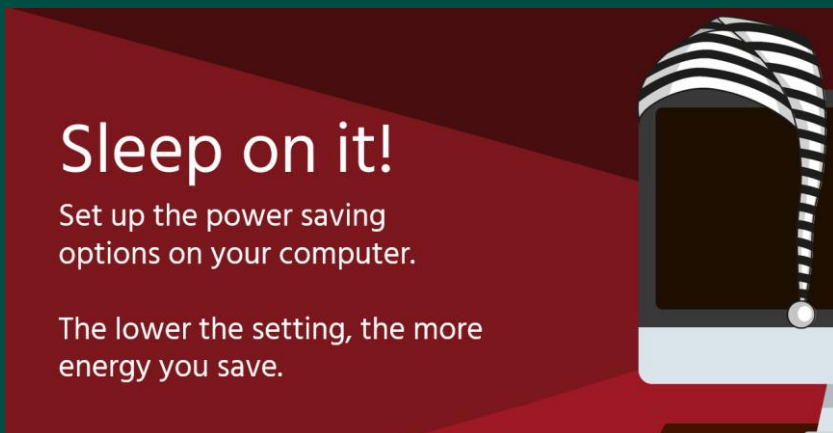
Tipperary Private Security Authority (PSA)

Space



- ✓ Regular Out of Hours Audits completed with results shared with staff.
- ✓ Periodically checked the TRVs in corridors and target 'cooler' areas
- ✓ Reduce Your Use communications disseminated to staff by email, poster and webinar.
- ✓ 'Sleep on it!' focused on staff setting up PC power-saving options.
- ✓ A staff competition was run for the best energy saving idea for the building
- ✓ Staff were surveyed on their attitudes and habits around saving energy.

98% of staff have noticed efforts in PSA to promote saving energy.



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Time



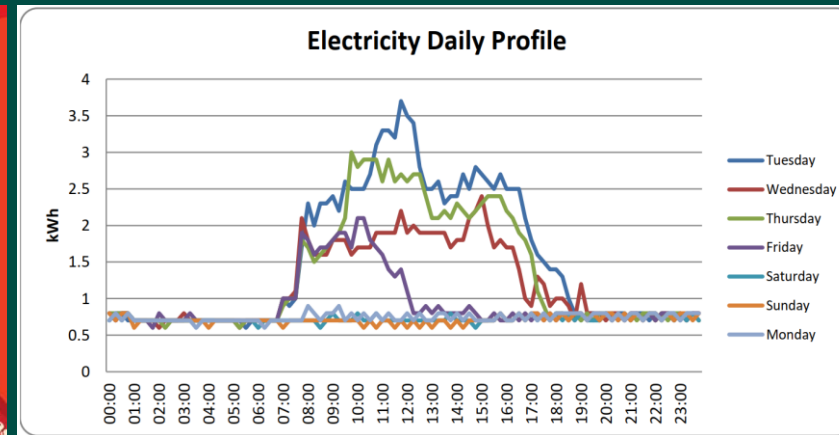
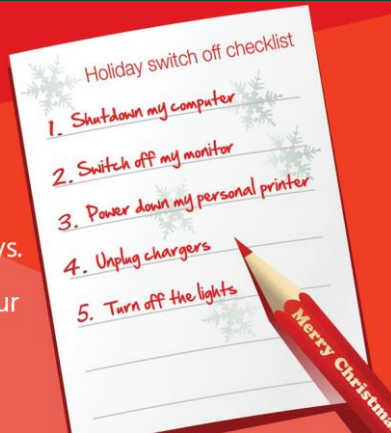
- ✓ Strong focus on Bank Holiday shutdowns with feedback on shut down performance.
- ✓ Occasionally a limited number of people worked extended hours but the building's heating schedule was not extended.

The low electrical baseload demonstrates the switching-off culture.

What's On Your List?

Please make a list of the items you can safely switch off for the holidays.

Working together we can ensure our energy use is as low as it can go.



Best Time to Go Green!

The season to celebrate all things green! Start by switching off before you leave for the weekend.

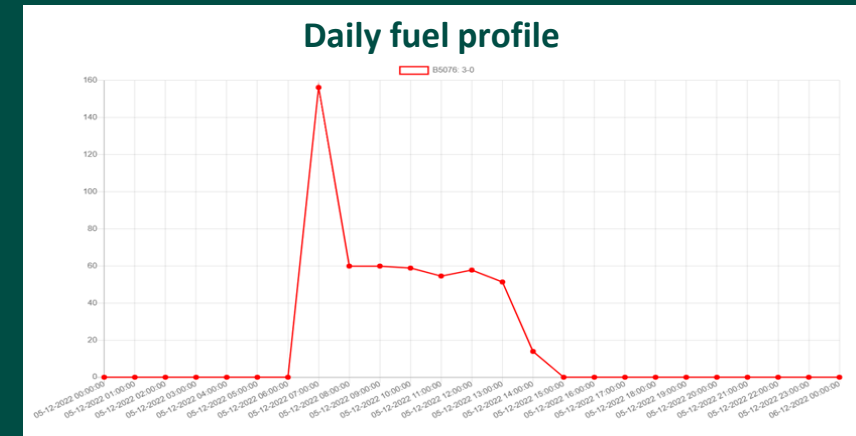
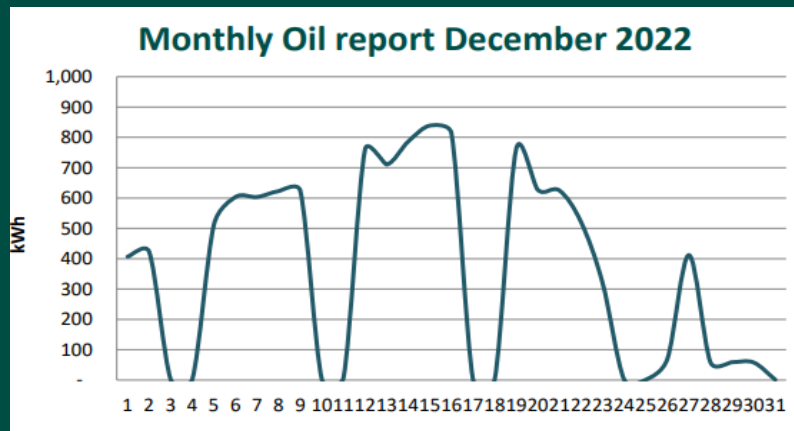


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Tracking



- ✓ The Assigned Optimising Power @Work advisor kept the RYU initiative on the monthly meeting agenda and the energy team championed the campaign with staff.
- ✓ Energy audit completed by OPW-appointed consultant. With a register of opportunities.
- ✓ Energy reports completed monthly by Optimising Power @ Work and discuss at monthly meetings with recommendations implemented.
- ✓ Service officer conducted regular Out-of-Hours walk-throughs.



Tipperary Private Security Authority (PSA)

Other



- ✓ Energy Clinics for staff were provided by the Optimising Power @ Work Team
- ✓ Staff provided with a power meter they could take home and ID energy saving opportunities.
- ✓ Energy awareness day facilitated on site supported by the Optimising Power @ Work team
- ✓ Staff Energy quiz and Bright Ideas competition
- ✓ Staff Energy Presentations: provided an opportunity to feedback on the Out of hours check, survey results, holiday shutdown success and energy saving ideas.

Energy Clinics

Book your one-to-one online consultation with our advisors



Tea Time Quiz

Take part in our Tea Time Quiz for your chance to WIN!

