



QRG - How to participate in the Retailer Energy Productivity Scheme (REPS)

What are we trying to achieve?

OD needs to create a pipeline of **REPS** that we can claim through the government as **Activities** to minimise the **REPS** charge of \$20-25M over the next 5 years and increases the cost of electricity for Olympic Dam.

Who can help?

Anyone at OD who has an **Idea** can help by providing the idea details to *Fay Nunn* (Integrated Planning) or *Marina Chebotenko* (Program Integration) to determine suitability for submission.

When can you get involved?

As early as possible and the details of the **idea** are required at least 2-3 months and preferably 6 months before execution to allow for the initiative preparation and submission. No **Initiative** can be submitted once the execution contracts are signed and/or contractors have been engaged to start the work.

Why should I help?

- CI savings for an **Activity** are banked against your project or operational area via WAVE.
- A **REPS Activity** is an easy value add as the initial driver for an **Initiative** is a business reason other than **REPS**. Energy reduction or energy productivity improvement in most cases will be a secondary benefit to the identified business activity.
- **REPS** supports improved environmental and sustainability credentials and the Pathways to Net Zero program.
- It improves our relationship with the government by demonstrating the work performed in order to achieve our sustainability and zero emission targets. REPs initiatives and activities are used to report against our energy use reductions and to support our sustainability certifications
- for capital projects the savings can be captured under the project and they will contribute to project's sustainability goals

What types of Initiatives are needed?

We need **initiatives** that lead to a saving of over **\$100,000** for the **REPS** submission including:

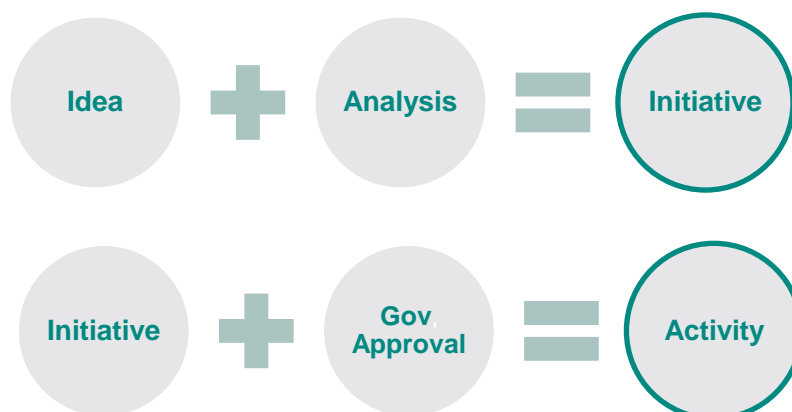
- **Reduced Energy Use:** An initiative that leads to an electricity use reduction of 260,000kWh per year or ~720kWh per day or more (eg equipment is replaced with more energy efficient model that will use less kW of power during the same time period).
- **Improved Energy Use:** an **initiative** that leads to a reduction in kWh per unit produced for any process onsite. Total kWh savings for a year will be considered for **REPS** submission.
- **Fossil Fuel Reduction** with **diesel savings per year of greater than 260kL and LPG savings of 384kL or greater** (or the equivalent volume).

We Still Need Information About Smaller Initiatives

We still want to know about initiatives with smaller savings than this for the OD Environmental Submissions and our reporting requirements so that we can demonstrate all the good the work done across OD to support our sustainability goals regardless of REPS.

How does your idea become a REPS Activity?

REPS *initiatives* require submission to the government for approval to become a recognised *Activity*. Tracking the progress to completion and providing evidence for the improvement from the *Activity* is how we bank the REPS credit.



Integrated Planning and Initiative Owner

Teams involved in REPS approval and validation process with the government

Provide the details* of the *idea* to Integrated Planning / Program Integration to refine it into a submission

The *Initiative* submission for Government approval is done with your help with the information needed at least 2 months before execution

Track the *Activity* once approved by the government, provide status updates to government quarterly during, and post execution.

Produce evidence supporting the *Activity* as a report containing 3 months data that confirms achieved improvement.

Activities We Are Already Tracking

- Raised Bore Fan specification reduced power by 140kW for the group of two fans. This leads to 88,000GJ savings or AUD\$0.9M REPS saving.
- Pebble Crusher Replacement project - a 4% energy productivity improvement and 2,440,000kWh saving over 10-year with a REPS claim of \$1.1M.

Things You Should Know

- We understand that there is uncertainty in the delivery of *initiatives* that are submitted for REPS
- We would like to approach the Government with *initiatives* that we can be relatively certain will happen however be reassured that we have a backup plan in place for if *initiatives* fall through
- OD needs to create a pipeline of *initiatives* for at least the next few years and for this reason *Surface Planning and Development* will track *initiatives* as early as you let us know about them and setup a check-in process with each *initiative* owner. Six months before an *initiative* goes to execution we can start getting the information together for the *Activity* submission. This will give us the best chance for success.
- OD is required to report Energy Use: Achieved reductions as a part of Our Requirements: Health, Safety, Environment and Community reporting. Reduction initiatives can include process redesign conversion and retrofitting of equipment, and operational changes.