

What happens during a

# WIND PROJECT REPOWER?

Repowering a wind project involves removing existing infrastructure and replacing it with newer, more efficient equipment. This extends the project's life by at least 30 years while improving performance and output.



## REPOWER PROCESS STEP-BY-STEP

1



### Development

Re-signing leases and obtaining any necessary permits.

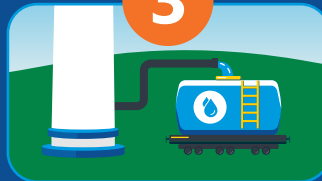
2



### Site Preparation

Establishing a laydown yard, setting up fencing, clearing timber and grading as needed.

3



### Tower Preparation

Draining, containing and properly disposing of fluid from retired towers.

4



### Bringing Down the Towers ("Energetic Felling")

Using controlled, precise blasts to fell the retired wind turbines.

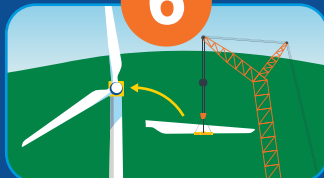
5



### Dismantling & Recycling

Immediately disassembling fallen turbines into manageable pieces, to be hauled out scrapyards or specialized facilities for recycling.

6



### New Installation

Establishing foundations. Receiving and erecting new turbines and equipment.

7



### Commissioning

Completing rigorous testing before connecting into the grid.

8



### Site Restoration

Landscaping and improvement of surrounding areas.

## TOPPLING THE TOWERS VIA "ENERGETIC FELLING"

The "energetic felling" method includes a pre-weakening of the structure through torch cutting at the base to produce a predictable collapse mechanism, then uses small precise explosive charges to initiate an unbalance, which starts the felling process. A fall direction will be selected for each wind turbine based on the orientation of the turbine and its access road. This is a safe and efficient process used widely in the industry.

This process minimizes risks to workers, reduces equipment needs, and speeds up the overall repowering schedule.

All "energetic felling" activities are planned and executed by experienced professionals under strict regulatory oversight. Public safety and environmental protection are top priorities throughout the process.