



Energy in our school: using less, going clean

6th Class

Print and cut along the dashed lines. These carry the **text a group reads** — a job to do, a brief to research, or notes to identify by. Check the lesson's teacher notes for how many sets each group needs and how they are used: some lessons hand out one card per group, others sort or sequence a full set.

Wind energy

Big turbines turn when the wind blows and a generator makes electricity. Ireland has strong Atlantic winds, so wind farms on land and at sea are a major clean source. Link: many Irish counties already host wind farms, and more offshore wind is planned

Solar energy

Solar panels turn sunlight into electricity for buildings. Even on cloudy Irish days they can make some power, and sunny spells help more. Link: some Irish schools and homes fit roof panels to cut the electricity they need from the grid

Hydroelectric energy

Moving water turns turbines to make electricity. Link: Ardnacrusha on the River Shannon is a well-known Irish hydroelectric station, showing how water power has been used here for many years