



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. ⁸₅ ⁸₅

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. ⁸₅ ⁸₅

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