Image source: Genex

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During peak periods water is released from the upper to the lower reservoir

Kinetic energy of water is TRANSFORMED into electrical energy as it travels from upper to lower reservoirs

This electrical energy is TRANSFERRED to the grid through transmission lines for people to use

This occurs during the day when solar energy is abundant and demand is normally low

Solar panels TRANSFORM solar energy into electrical energy

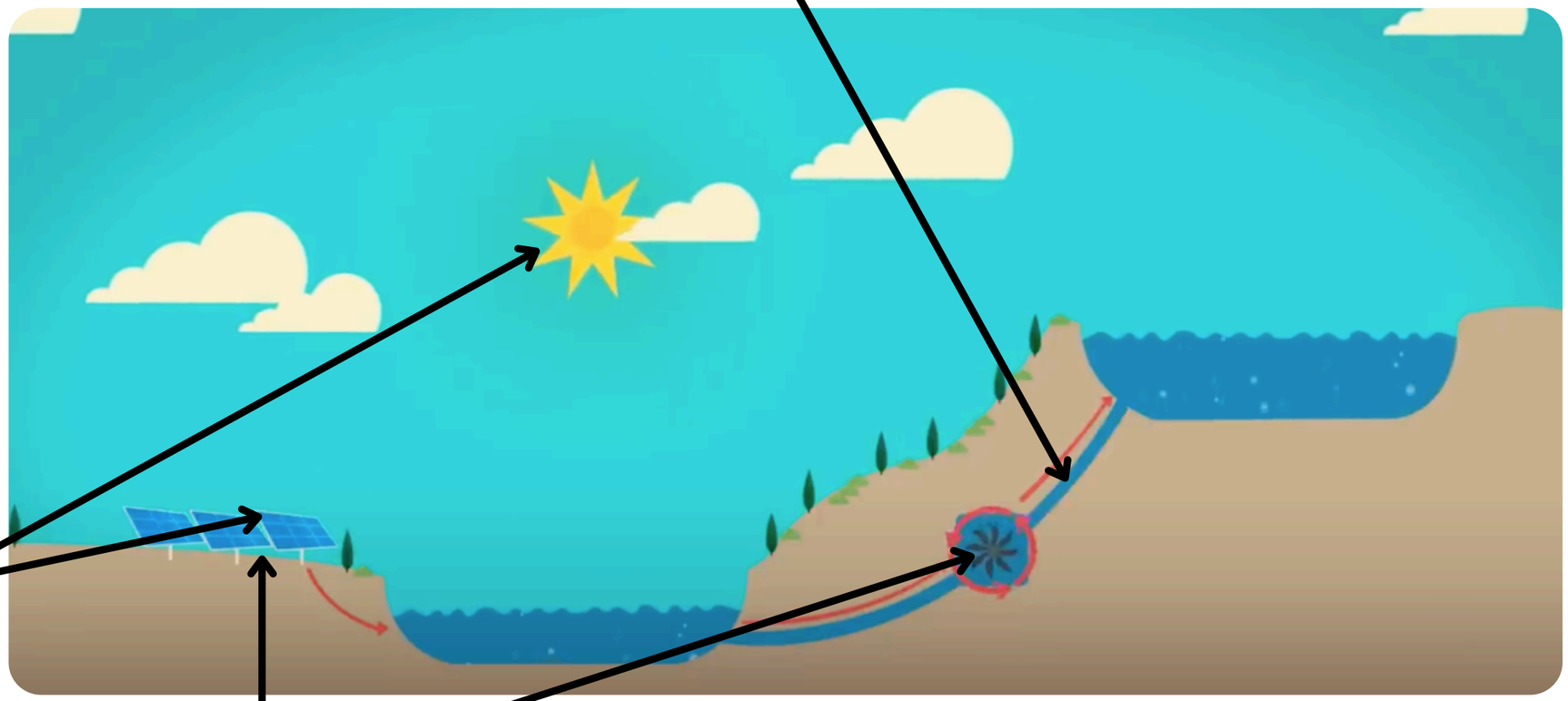

Image source: Genex

Electrical energy from the solar farm is TRANSFERRED to the pumped hydro plant

This energy is used to pump water from the lower to upper reservoir during the day

This allows energy to be stored for use when the demand increases or solar power is not available