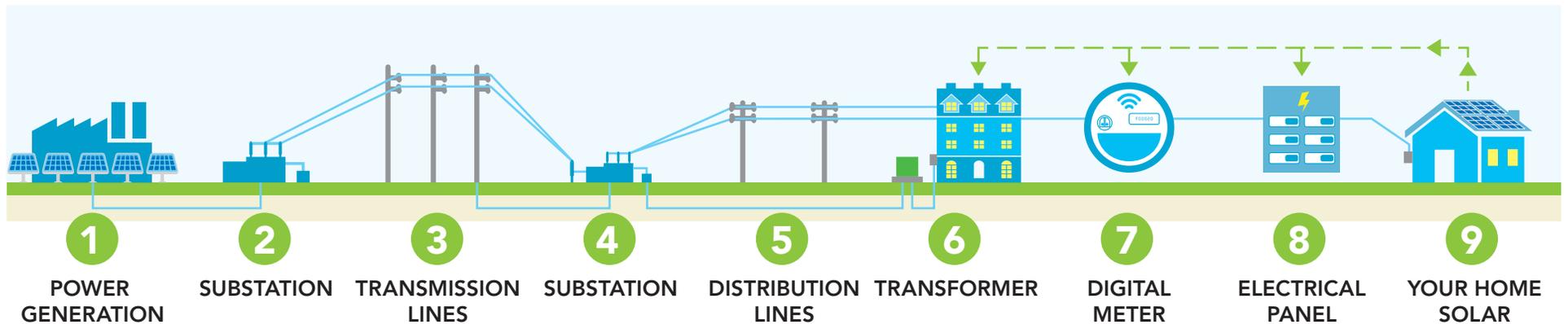


HOW ELECTRICITY GETS TO YOUR HOUSE



1. Electricity is made by large generators and solar panels.
2. The current is sent through transformers to increase the voltage to push the power long distances.
3. The electrical power flows through high-voltage (230,000V) lines that stretch across OUC's service territory.
4. It reaches a substation, where the voltage (12,470V) is lowered so it can be sent on smaller power lines.
5. It travels through distribution lines to your neighborhood.
6. Smaller transformers reduce the voltage again to make the power usable in our homes. These smaller transformers may be mounted on the poles, or sitting on the ground (they're the big green boxes, called pad mount transformers).
7. It connects to your house and passes through a meter that measures how much your family uses.
8. The electricity goes to the service panel in your garage, where breakers or fuses protect the wires inside your house from being overloaded.
9. The electricity travels through wires inside the walls to the outlets and switches all over your house. For homes with solar panels, whatever electricity that is generated and not used goes back into the electric grid.

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