

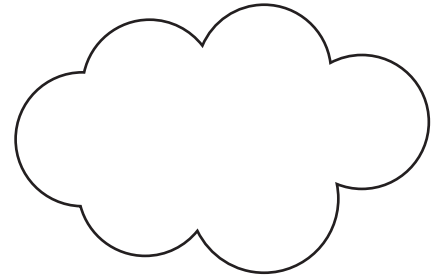
## TRANSMISSION POWER LINES AND TOWERS

Transmission power lines carry power from the generation stations to substations and are capable of carrying 72,000 to 500,000 volts.



### OVERHEAD POWER SERVICE LINE

This power line stretches from the transformer on the power pole to your home. From the roof the wires travel down a plastic or metal pipe to the power meter box. For homes, the service lines carry 120 or 240 volts.



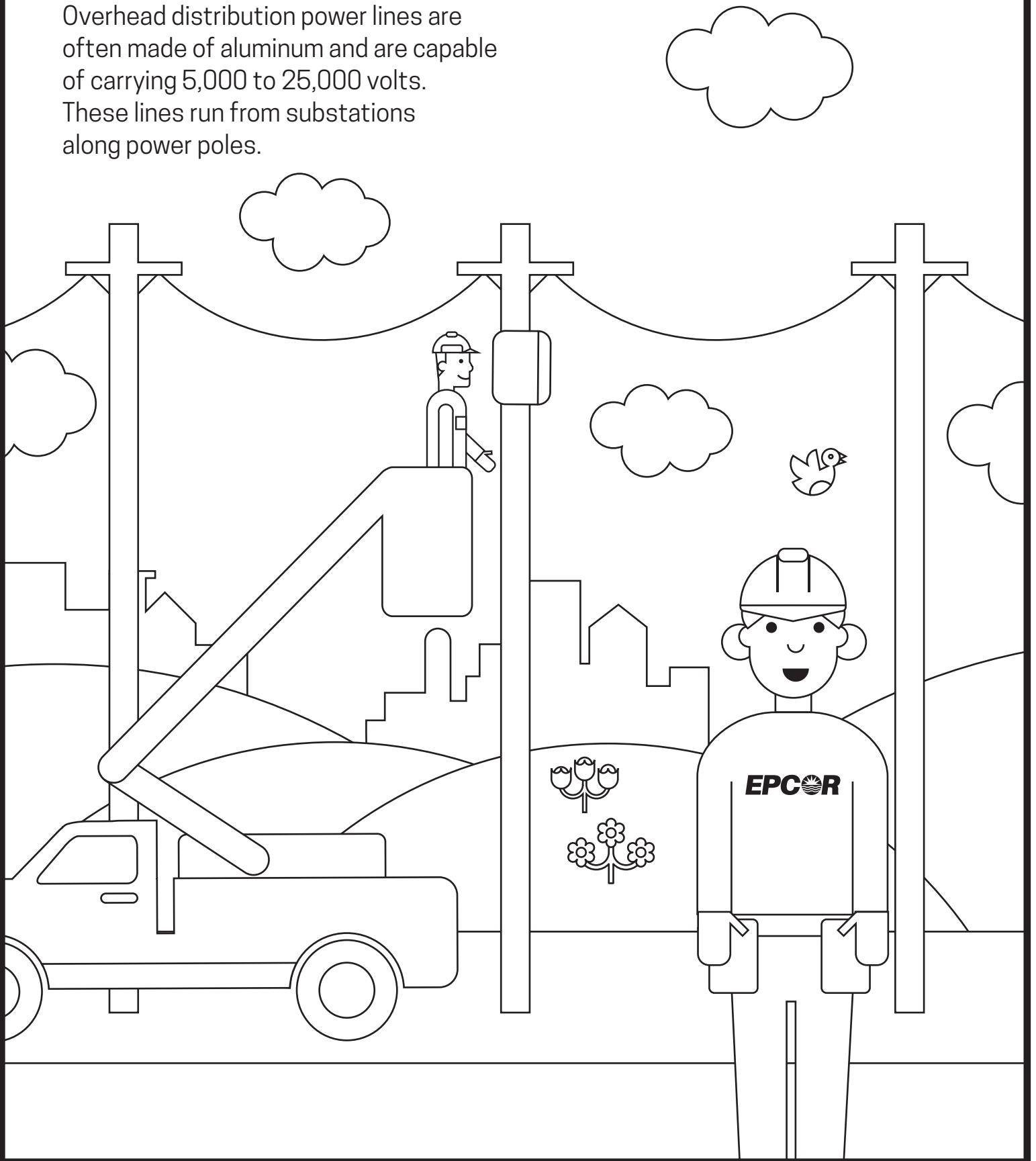
## UNDERGROUND POWER SERVICE LINES

Service wires travel underground from the transformer near your home (green or gray box) and up a plastic tube to the meter box on the side of your home or garage. For homes, the service cables carry 120 or 240 volts.



## OVERHEAD DISTRIBUTION POWER LINES

Overhead distribution power lines are often made of aluminum and are capable of carrying 5,000 to 25,000 volts. These lines run from substations along power poles.



### CONNECT THE DOTS

Help Flash complete the circuit and get power to the neighbourhood by connecting dots 1 to 20.

