

Google **VOICE TYPING**



Welcome to The Age of Assistance



What is the Age of Assistance?

P. ... 8 6

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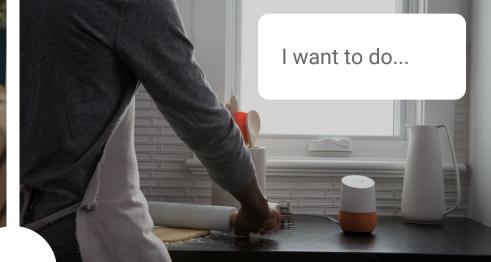


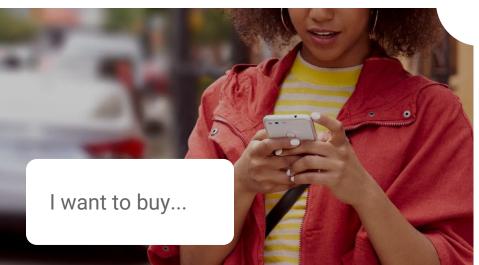
BUBBA GUMP SHRIMP CO. Rainforest Cafe

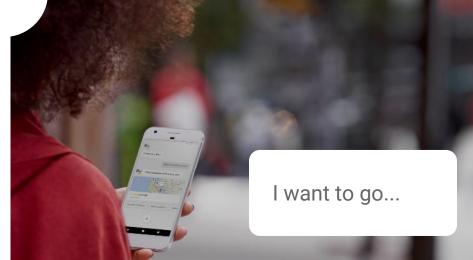






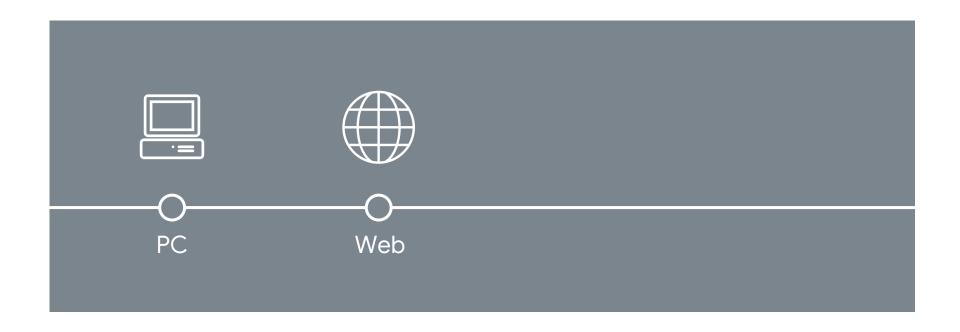


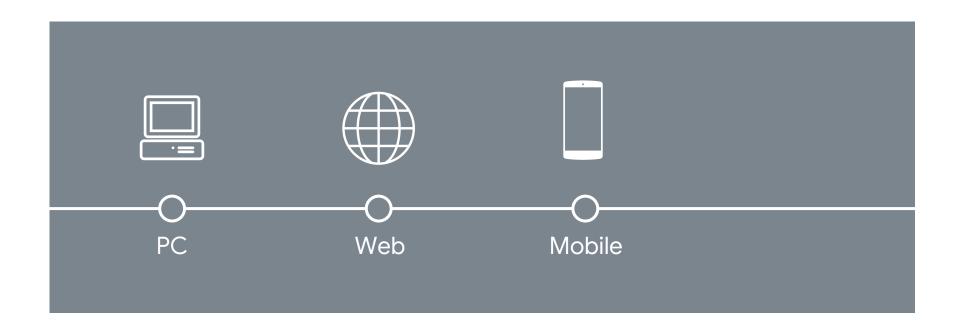


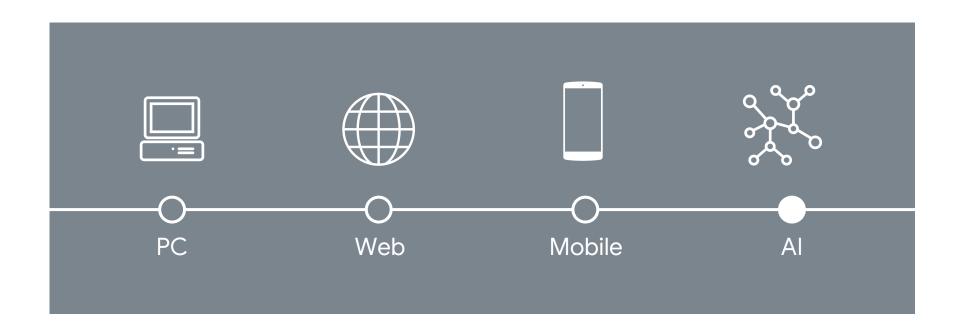


Why is this happening?







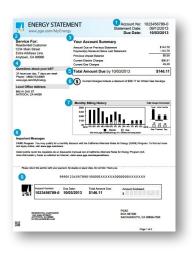


... and so is the energy provider relationship



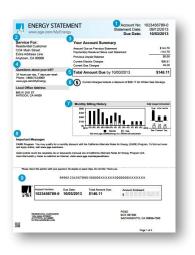


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Speech Recognition

Word Error Rate



Why is this interesting to utilities?

Quick visit to utility budget spends by category

\$1 billion

\$3 billion

\$30 billion

Demand Response

Energy Efficiency

Customer Operations

Google Mini costs just 2X of a customer service phone call



\$20 - \$40 per call



\$80 per Google Mini

What could we potentially do?

Years of experience in demand response programs

Rush Hour Rewards: Personalized Demand Response



Provide utilities opportunity to leverage connected thermostats for demand response programs

Enables customers to be rewarded for having flexible loads

Saves the customer money all year round by using a smart adaptive thermostat

Demand Response to Solve Grid Challenges

greentechmedia:





SCE, Nest partner on virtual power plant to mitigate Aliso Canyon gas shortage



How Alphabet's Nest Helps Utilities Cope With Summer Heat Waves





Nest Energy Partnerships



Pioneering voice-enabled energy conservation

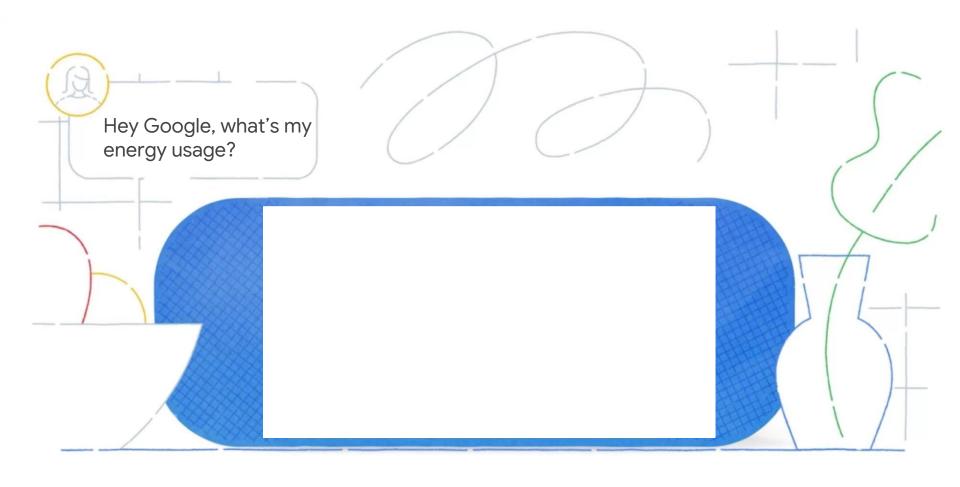


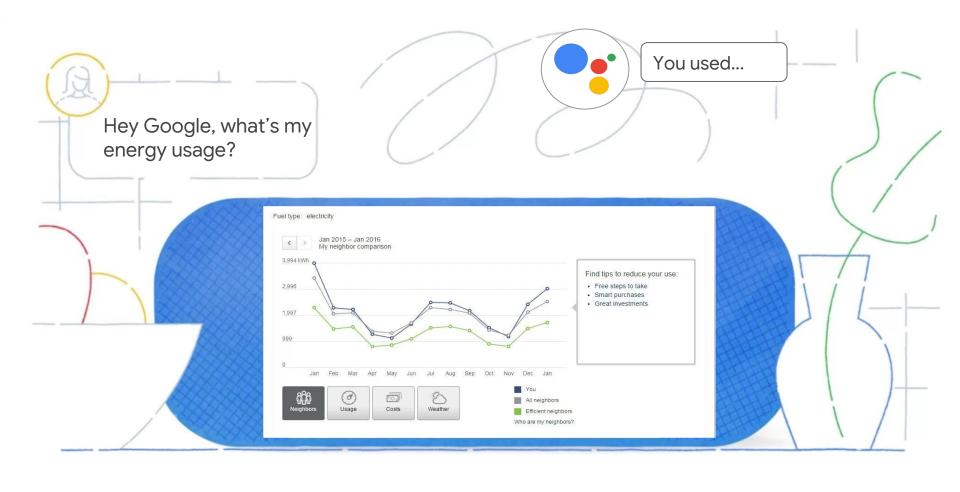
OK Google, turn the temperature up downstairs



Sure, warming up downstairs

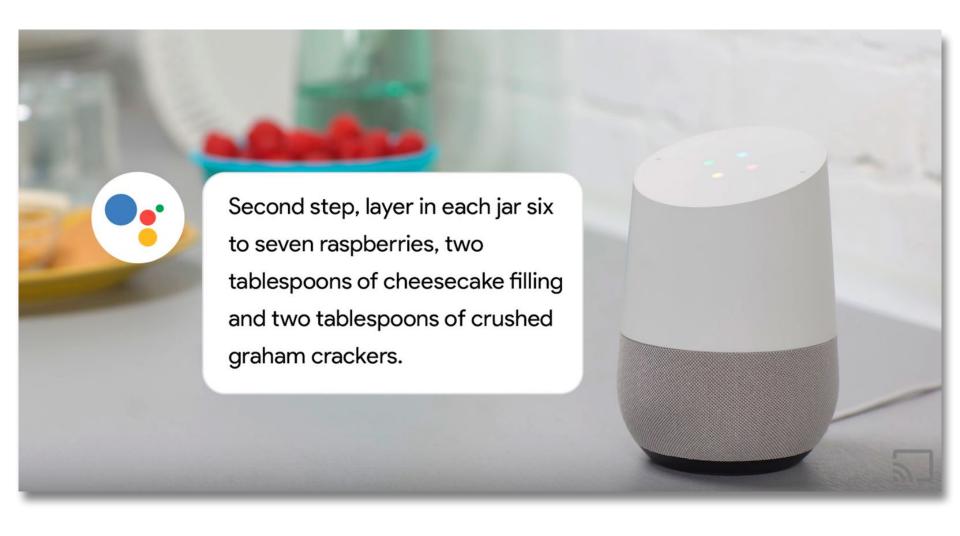


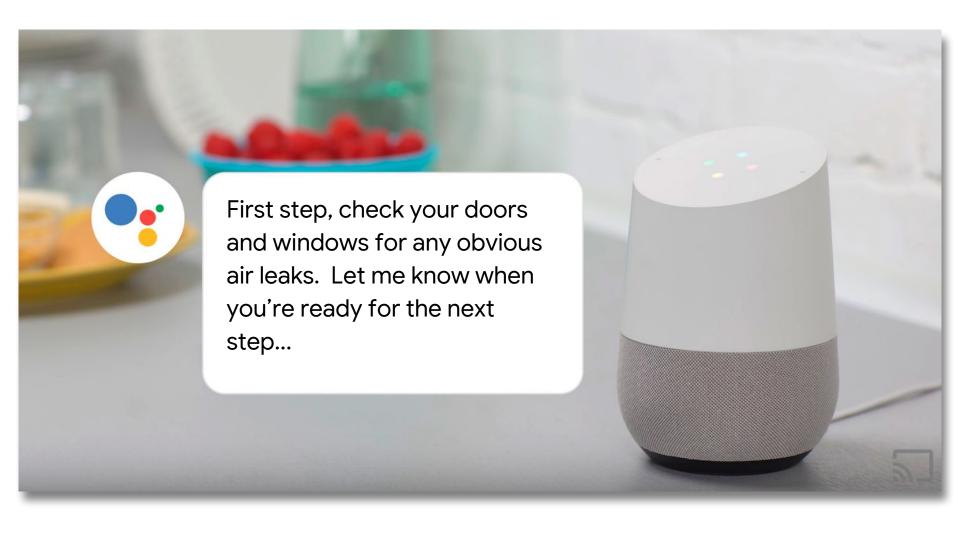












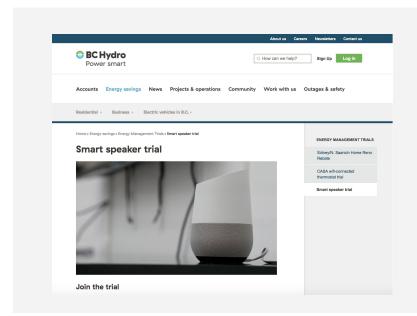
Hey Google, am I eligible for a Nest Thermostat rebate?

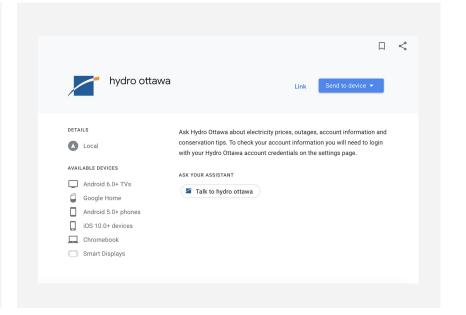


It looks like you are eligible for a \$100 rebate from Hydro-Quebec. Would you like more information?



A few utilities are already there







Thank you and merci!

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