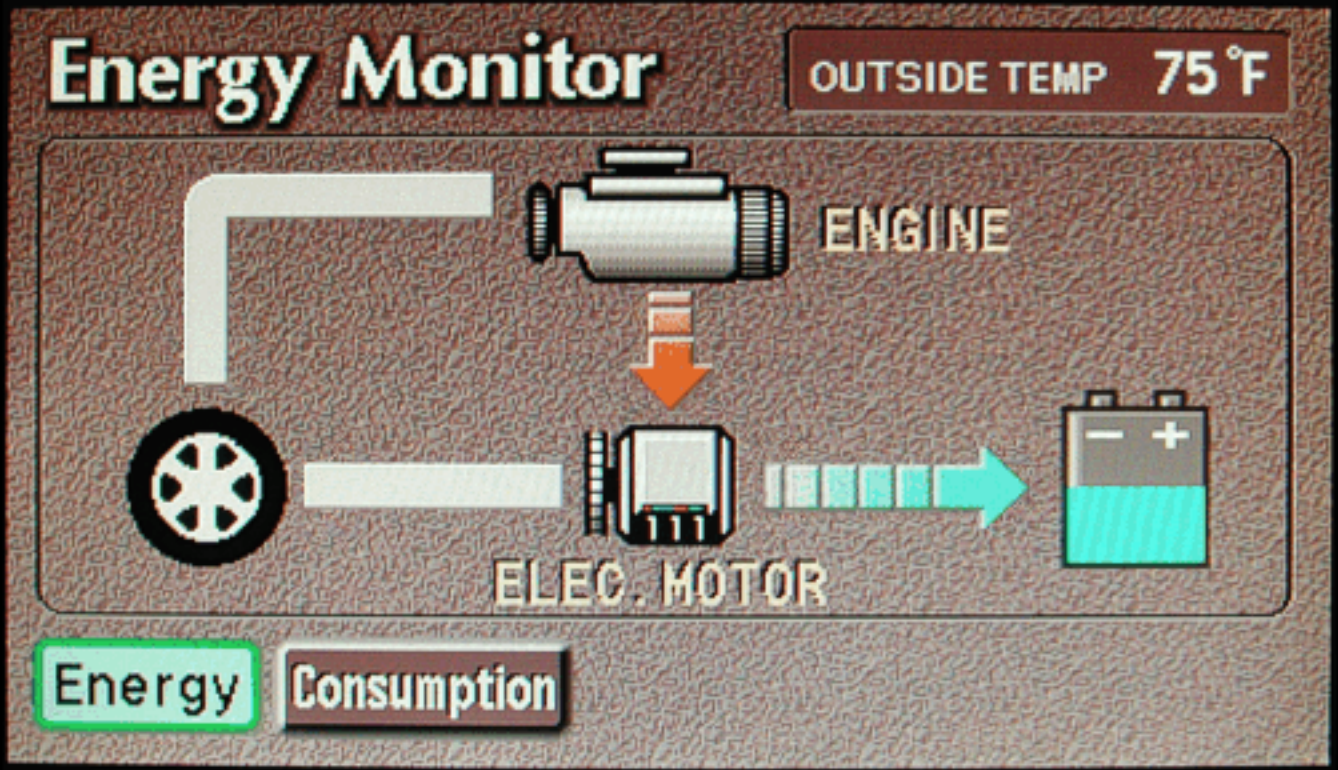
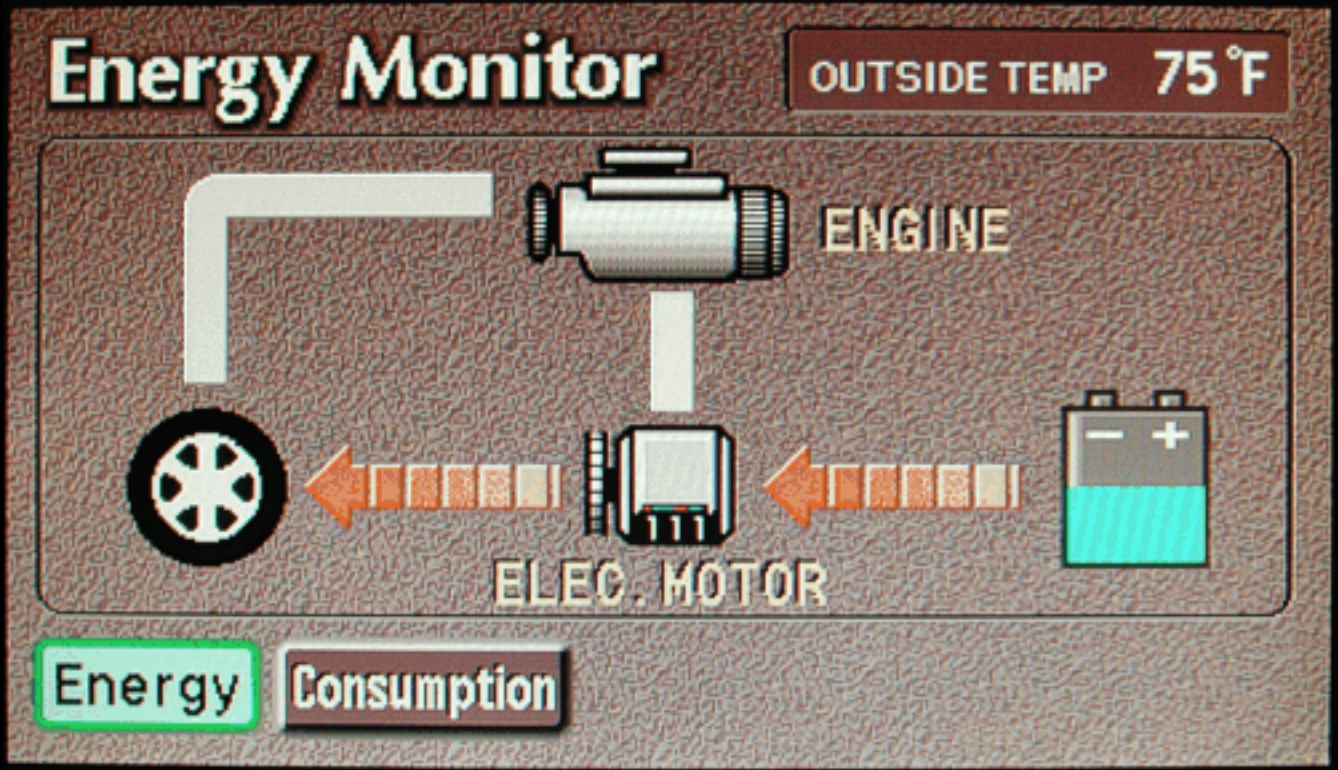

0
R N D B
3035
Energy Monitor
OUTSIDE TEMP 75°F
ENGINE
ELECTRIC MOTOR
Energy
Consumption
TRIP
MPH
AM
FM
DISC
TAPE
PUSH PWR
VOL
V-TUNE
TRAF
DISPLAY
MAP
DEST
205
H
M
SCAN
AUDIO
A/C
OFF
CLEAR
LO
HI



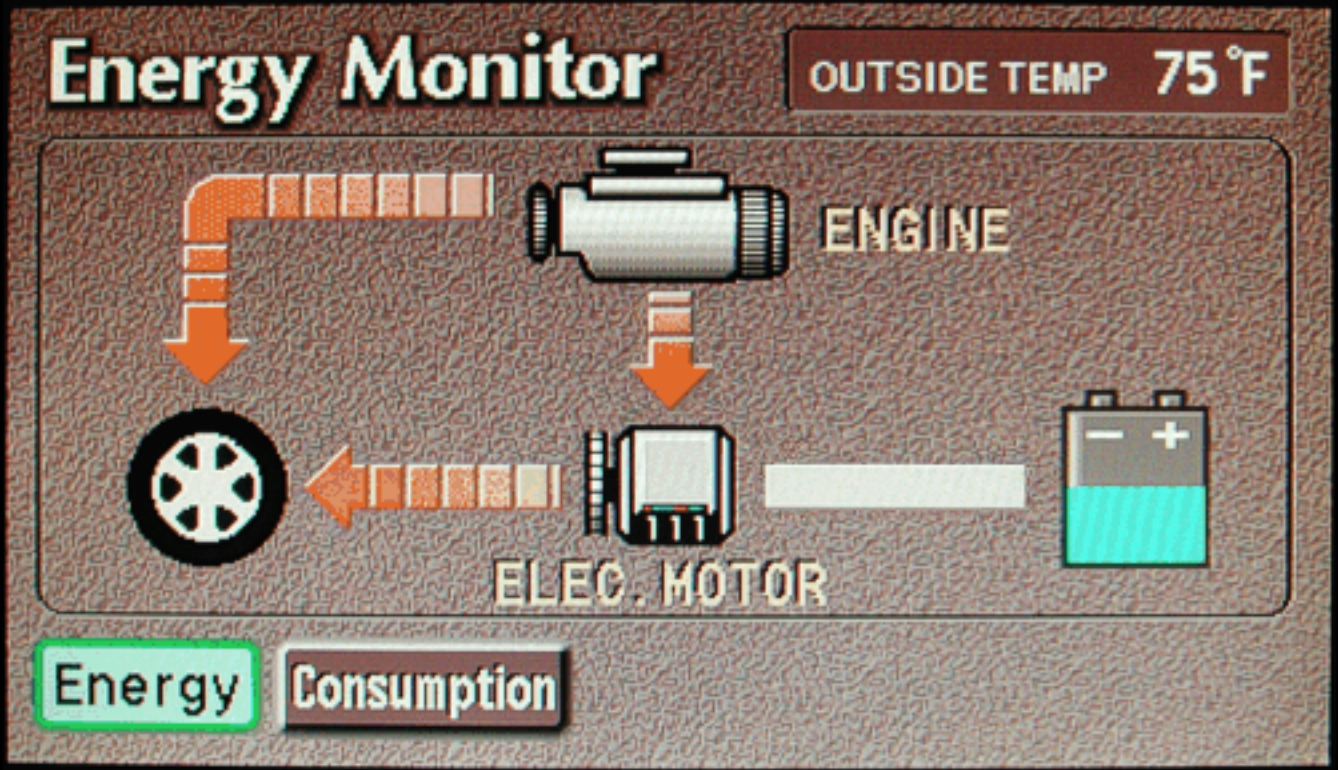
Charge Only

When you first startup the Prius and while waiting in traffic, the engine will sometimes create electricity to replenish the battery.



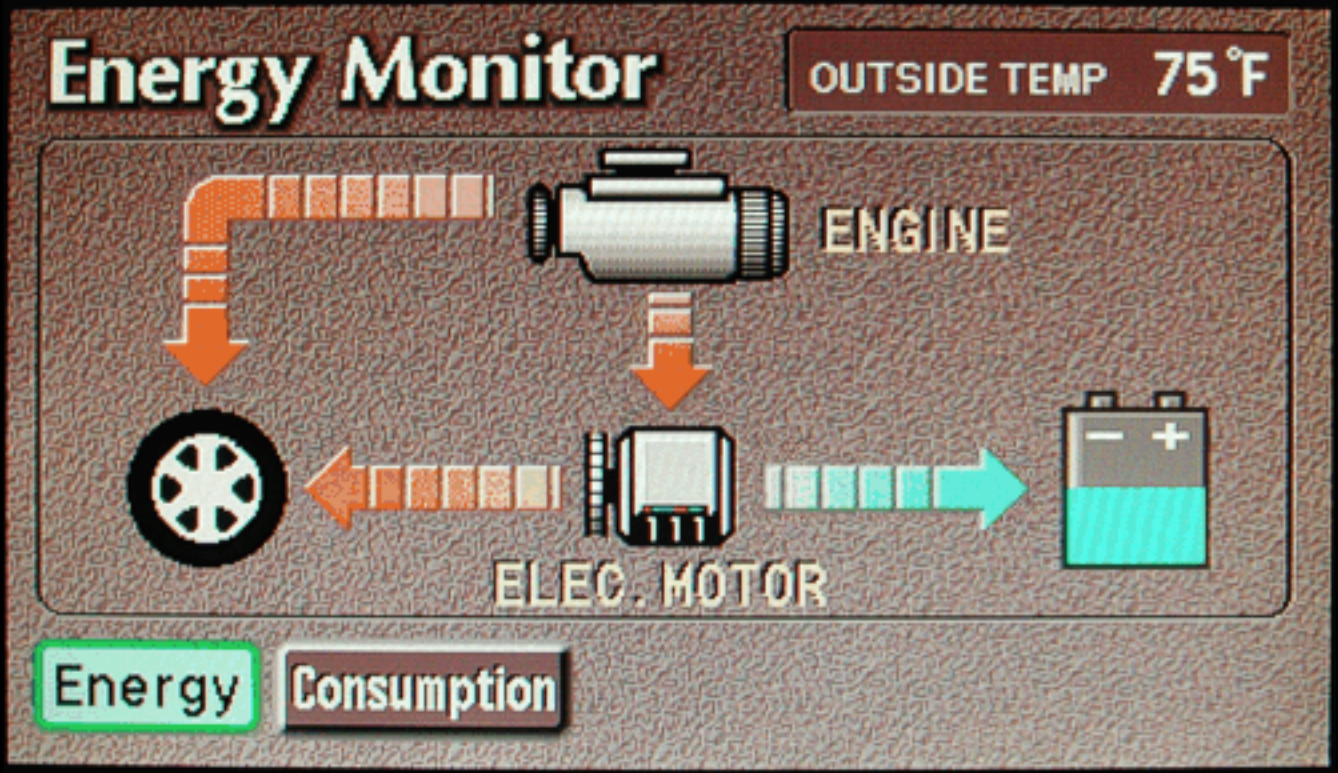
Battery Only

Propulsion is sometimes provided exclusively using the electric motor & battery-pack. The engine can shut off during this time.



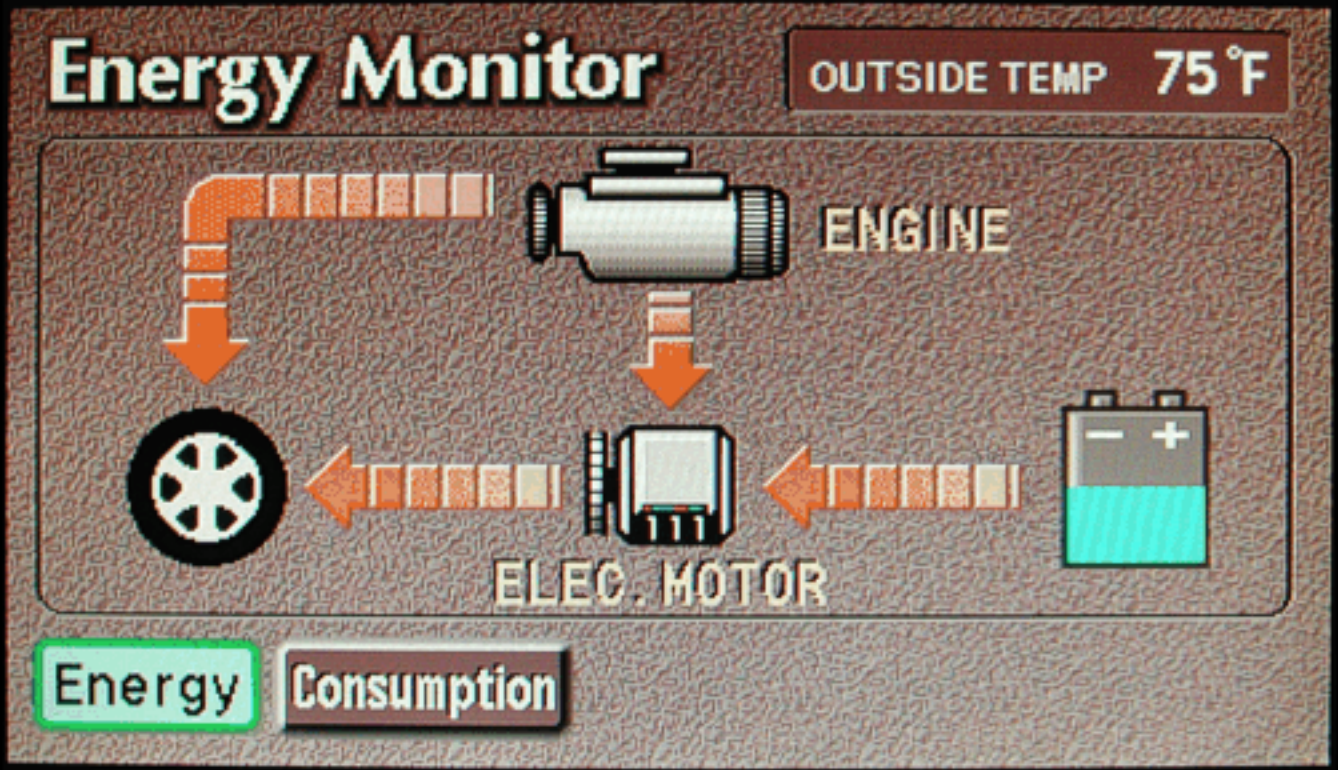
Moderate Acceleration

This configuration is very common when acclerating, including when you need to merge onto a highway. This is also the method Prius uses to climb most hills.



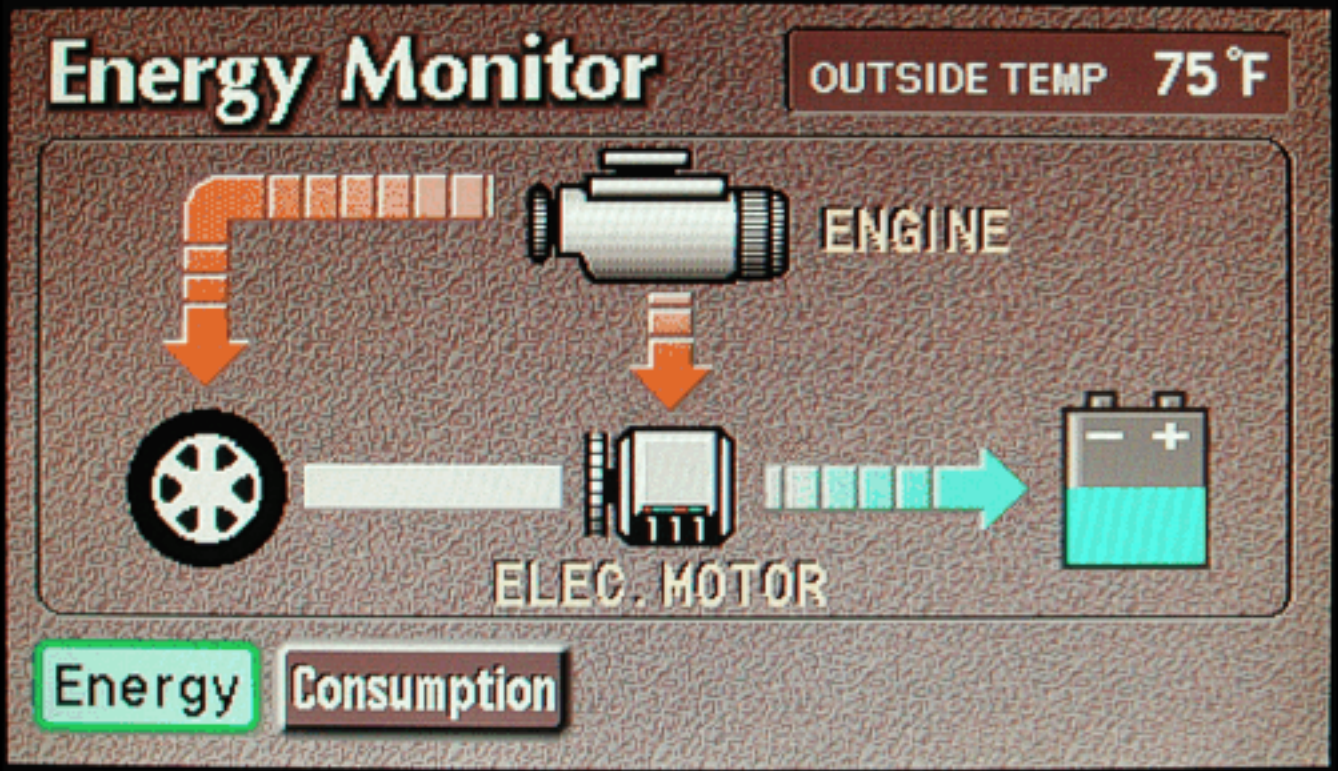
High Power

When moderate acceleration isn't enough, the engine speed will increase. The result is more electricity being created than needed, so the battery-pack is charged too.



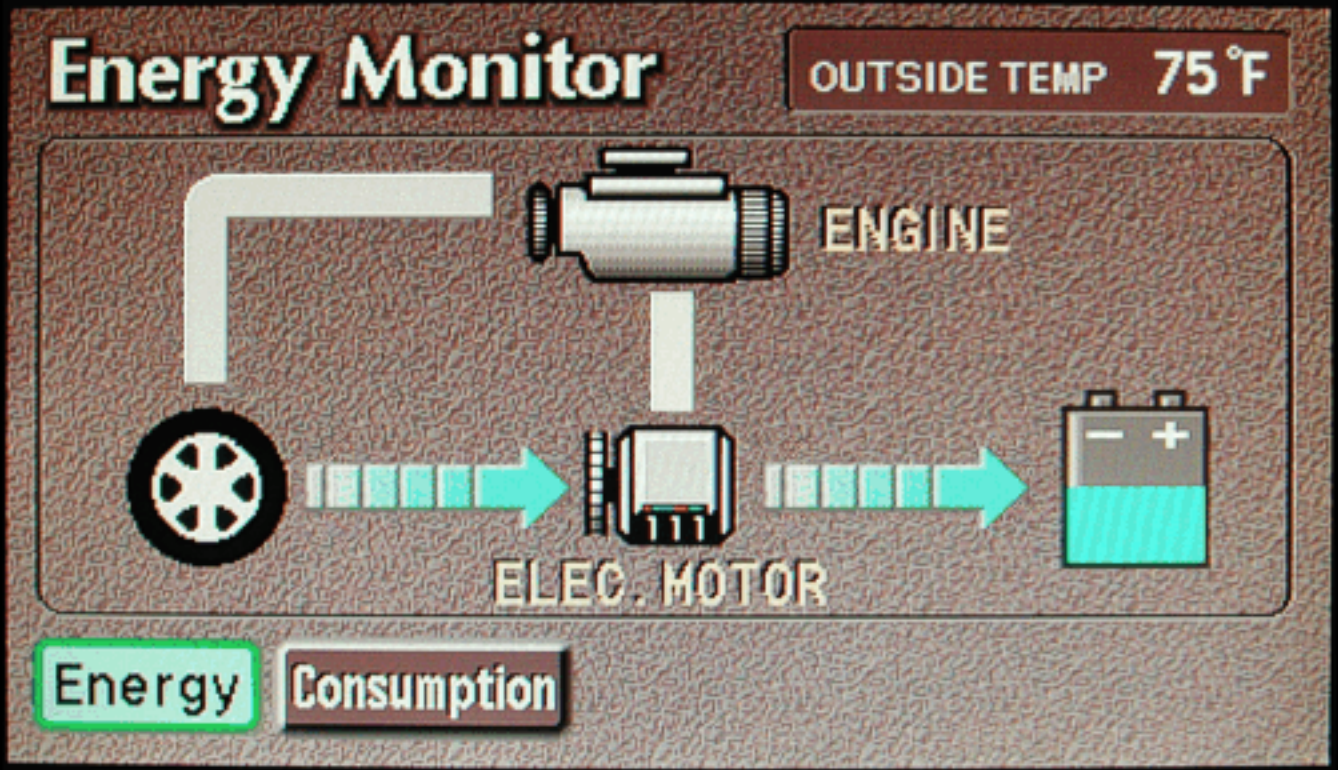
Full Power & Slowing

This mode occurs in 2 very different situations, when maximum thrust is needed and when gradual slowing occurs.



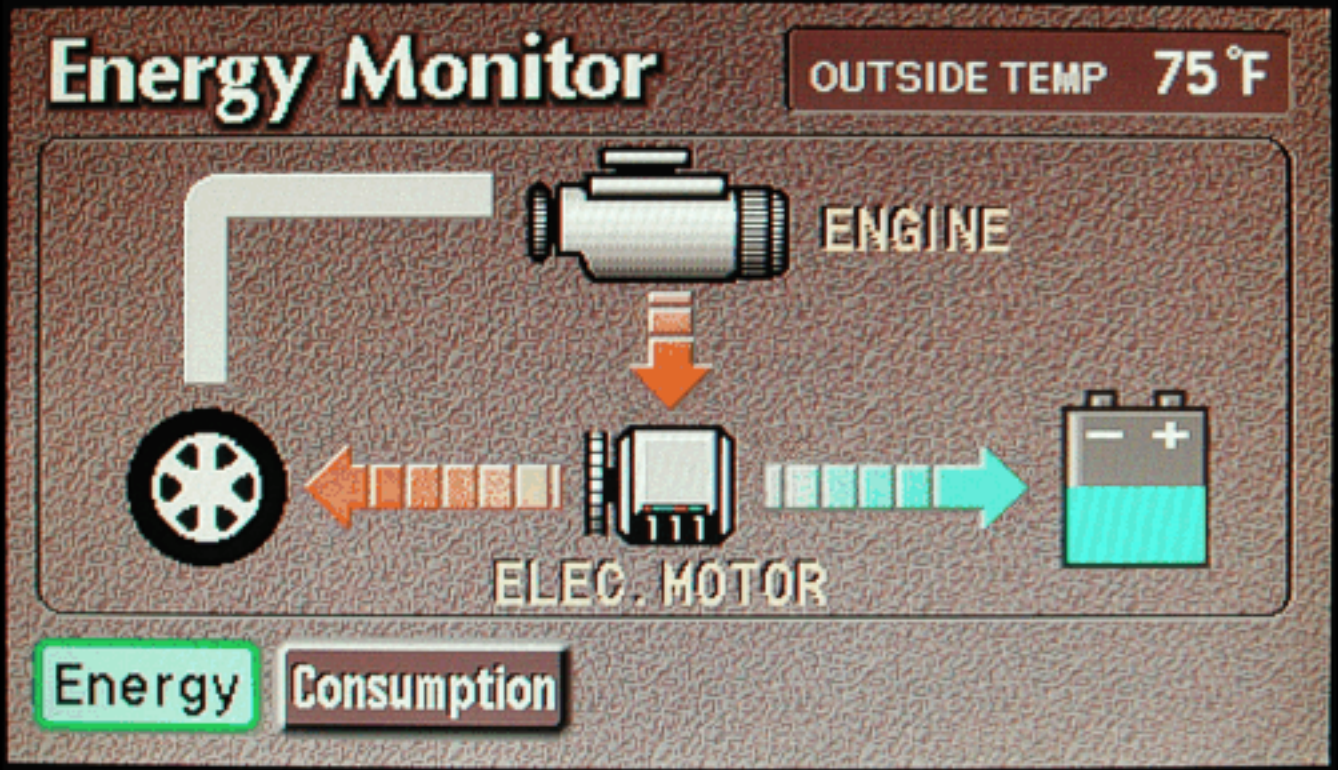
Highway Cruising

This is the most common behavior while traveling at a constant speed on the highway. This electrical activity often surprises those researching how Prius operates.



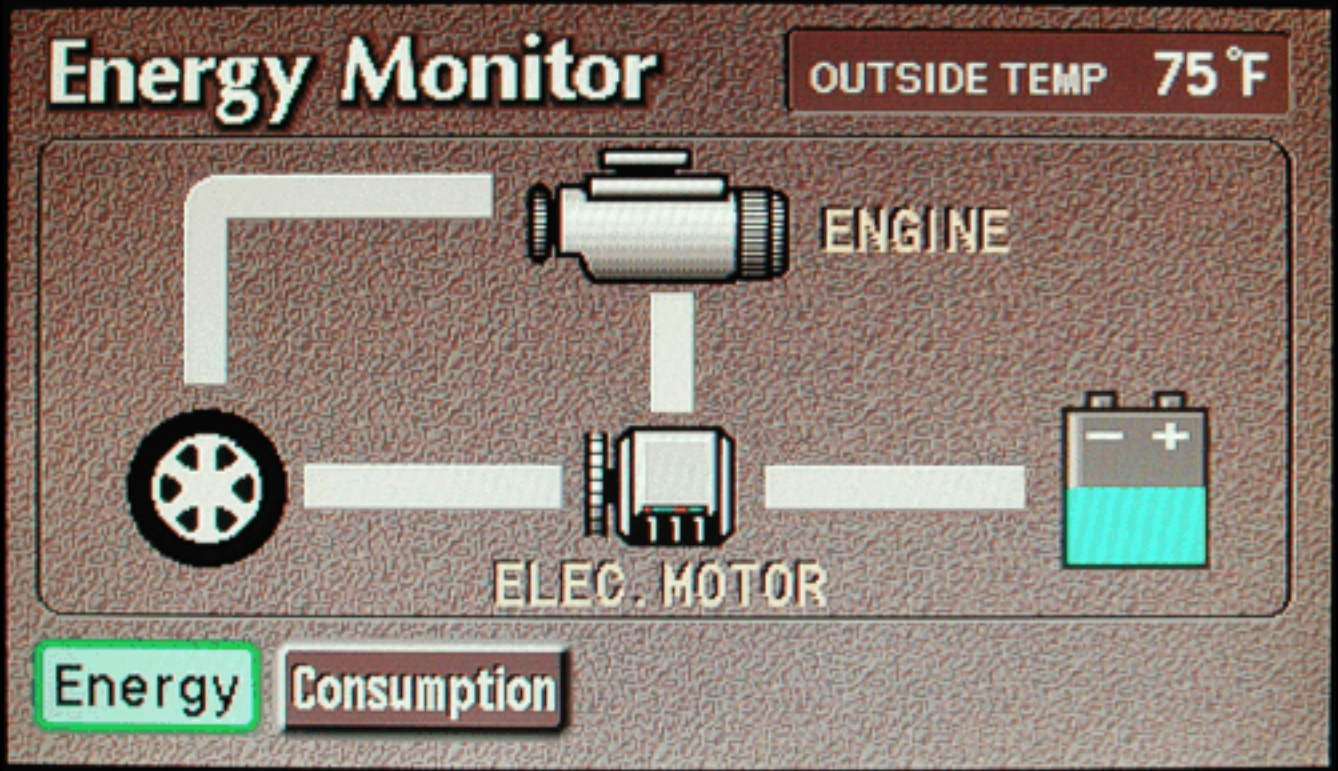
Regenerating

When you step on the brake or remove your foot from the accelerator, the system will automatically convert the kinetic energy to electricity for the battery-pack.



Electric Drive/Charge

This rare occurrence happens because Prius simplifies design by eliminating a reverse gear; instead, backward motion is provided exclusively by the electric motor.



Standby

While waiting at a stoplight, the engine will shut off. The resulting silence and lack of vibration is a pleasure that adds to the driving experience.