// Queries a server for current average power consumption from team.

// Reports current consumption to server.

//Each cloud service has an ID associated with each house (primary key use)

//Global variables

communityAverage <- 0

localUse <- 0

deviceID <- "site\_01"

URL <- "http://empoweredneighbourhoods.herokuapp.com/secretrite"

//Meter Reading from imp to server

device.on("usage", function(data) {

//Set Content-Type header to json

local headers = { "Content-Type": "application/json" };

//encode data and log

local payload = { "device\_id" : deviceID, "power" : data}

local body = http.jsonencode(payload);

server.log(body);

// send data to your web service

local response = http.post(URL, headers, body).sendsync();

server.log(response)

});

//Average reading from community server

function request(){

//query URL,

//Process JSON

//send to imp

//repeat every minute

}