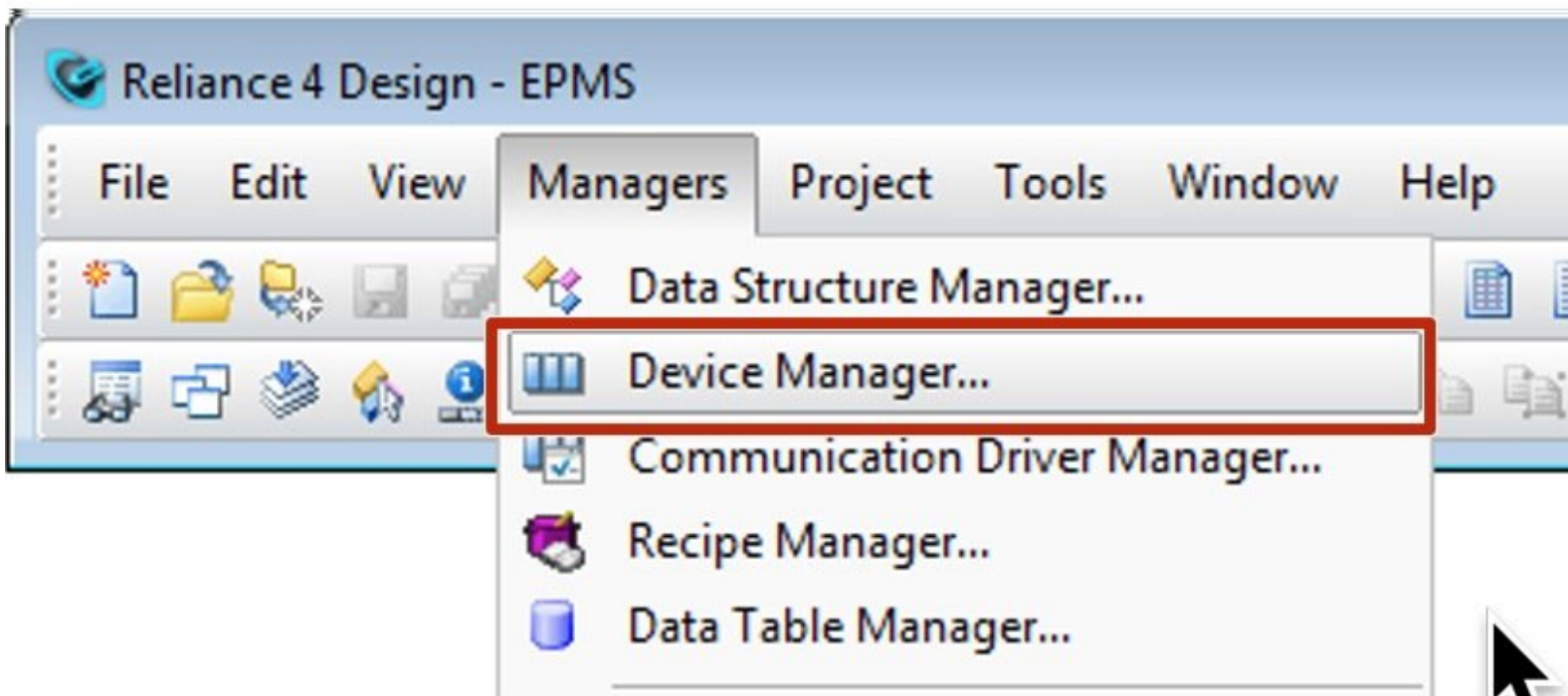




# How to E-PMS - Adding Notification Tag

This example is describing how to create a notification of trip for GT11 at Panglima power station.

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## INTRODUCTION

This example is describing how to create a notification of trip for GT11 at Panglima power station. This notification will detect drop of turbine power under 5MW and set a flag of "GT11 no power". The change of flag will trigger a notification script.

## How does it works

For E-PMS notification system method of status flags has been chosen. The E-PMS Notification System is Designed as follows:

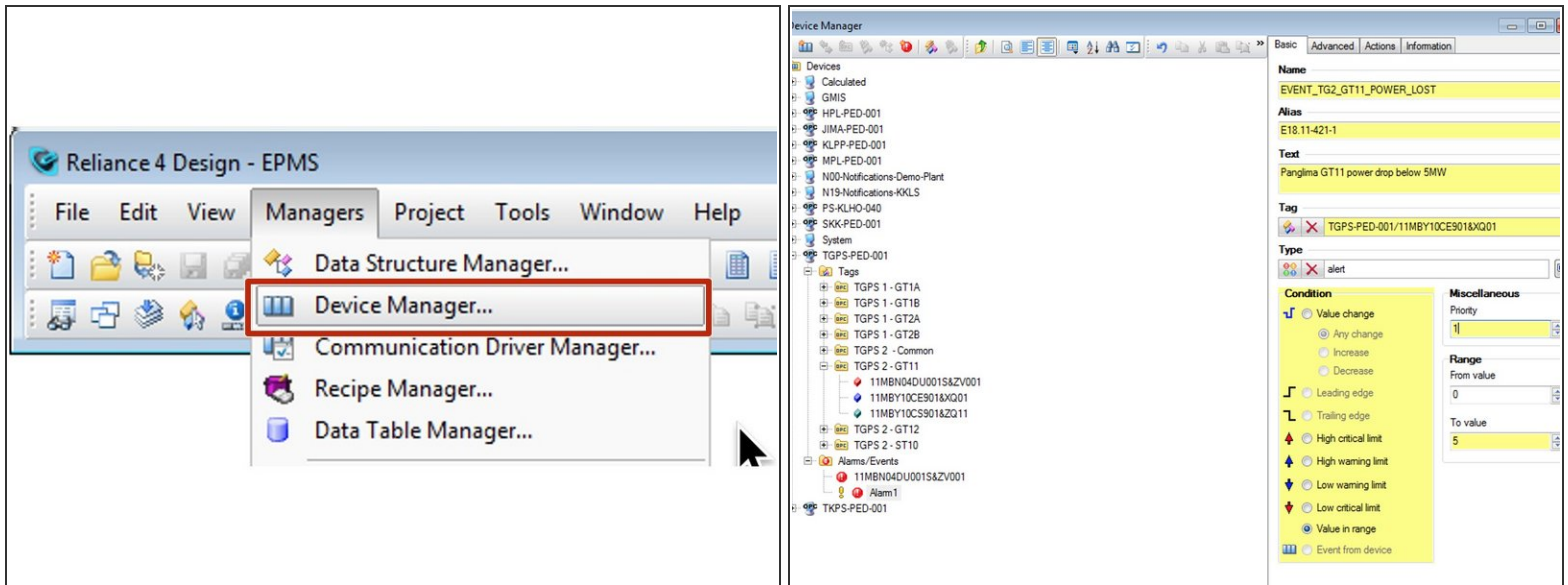
1. For monitored process value event is defined
2. Activation of the Event set a digital tag representing its status
3. Change of status is triggering notification script

**EVENT\_TG2\_GT11\_POWER\_LOST** - Event triggered by the tag 11MBY10CE901&XQ01 going below certain level

**STATUS\_TG2\_GT11\_NO\_POWER** - STATUS flag set by the EVENT\_TG2\_GT11\_POWER\_LOST and stays set until conditions of event are present

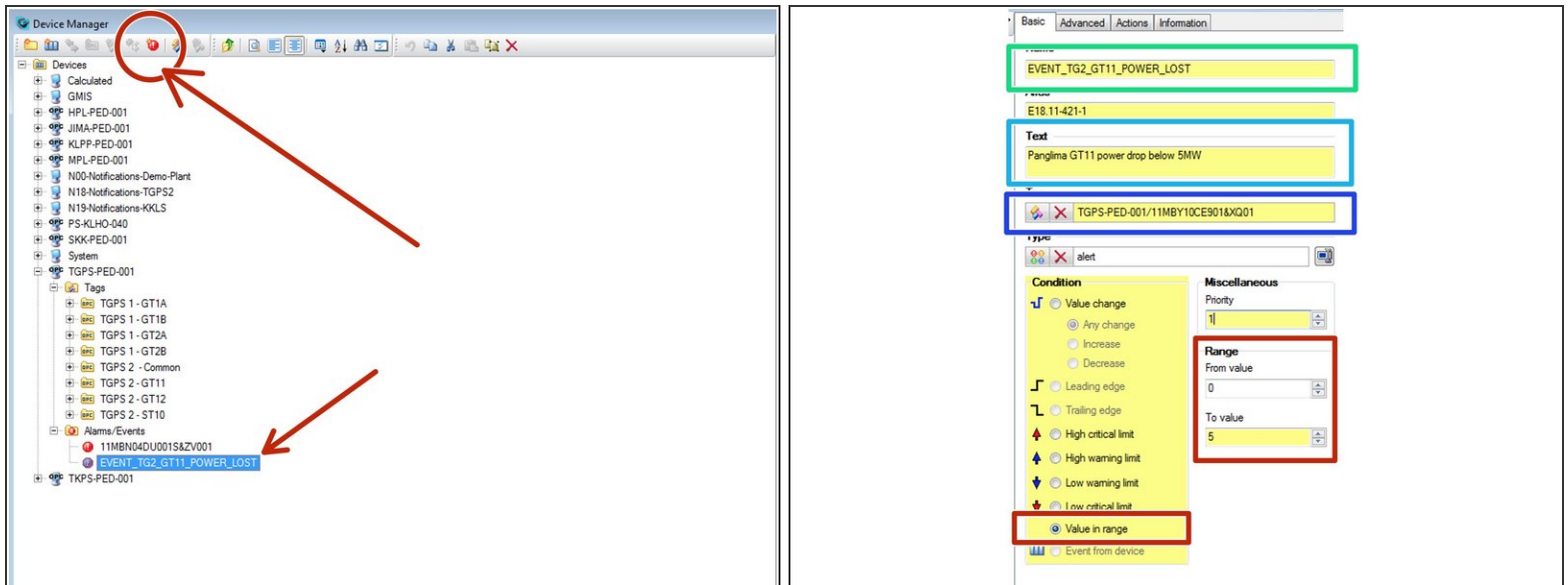
**NOTIFICATION\_TG2\_GT11\_NO\_POWER** - NOTIFICATION script is called once STATUS change is detected

## Step 1 — Device Manager - Adding an event



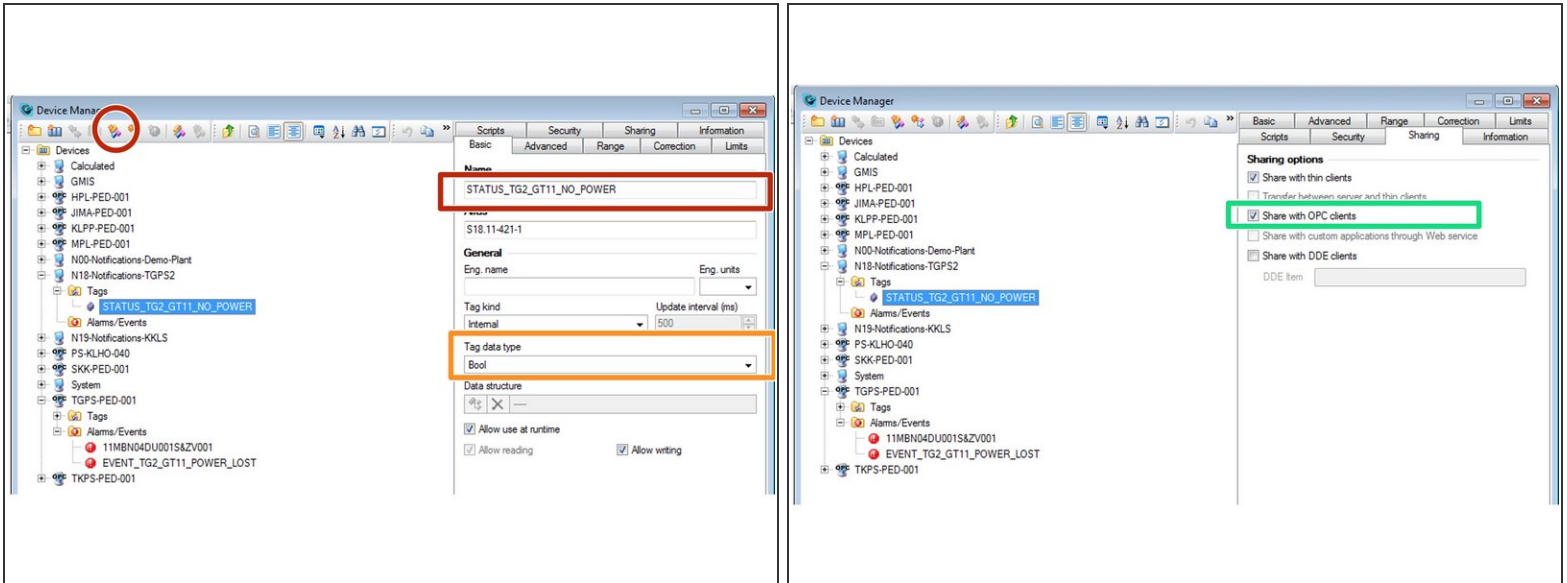
- Open the "Device Manager" at Reliance SCADA system

## Step 2 — Defining an event



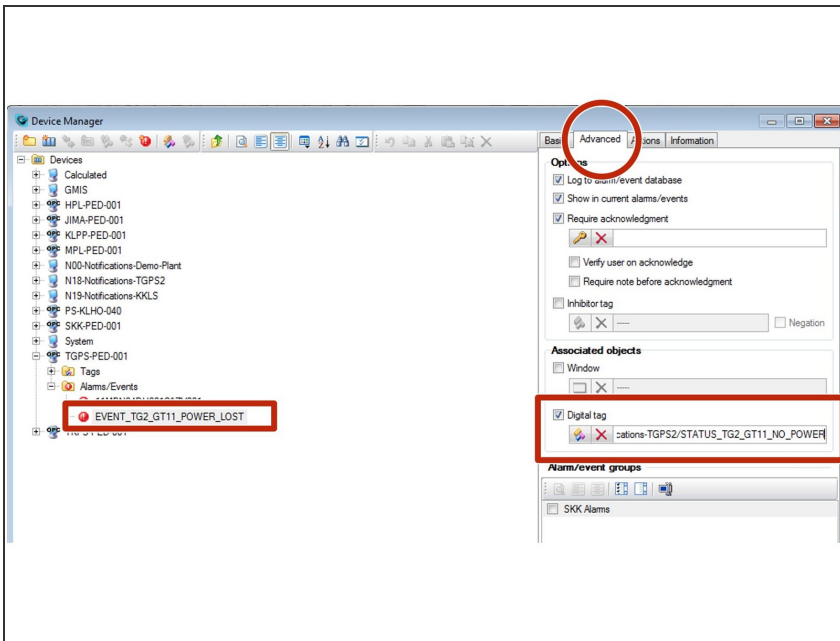
- Add an event called: **EVENT\_TG2\_GT11\_POWER\_LOST**
- Define EVENT parameters
  - Tag Name
  - Event description
  - Process tag which is being evaluated
  - Type of evaluation and range of the values

## Step 3 — Adding Status Flag



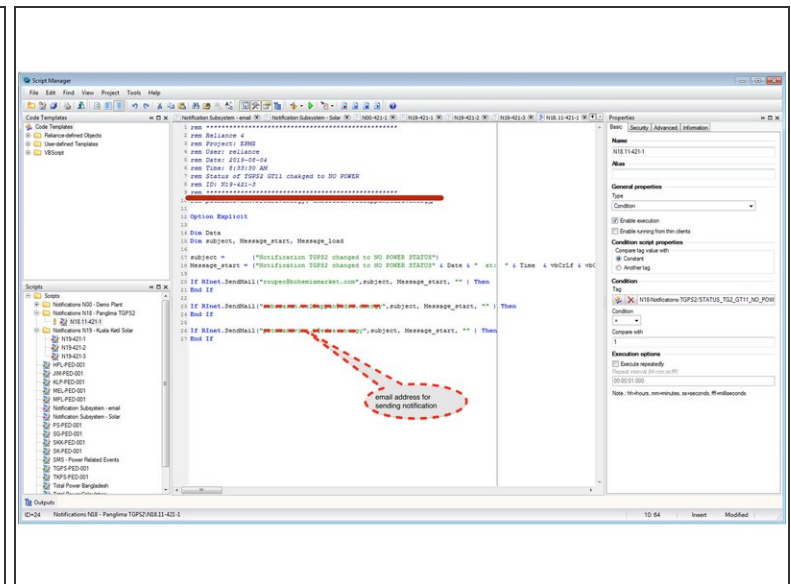
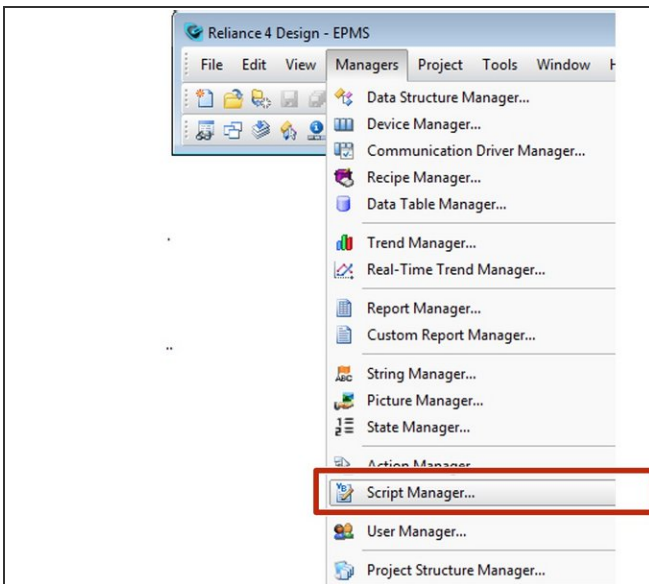
- Define Status Flag **STATUS\_TG2\_GT11\_NO\_POWER**
  - Tag name
  - Bool type
  - Visibility on OPC UA server

## Step 4 — Set STATUS flag by the event



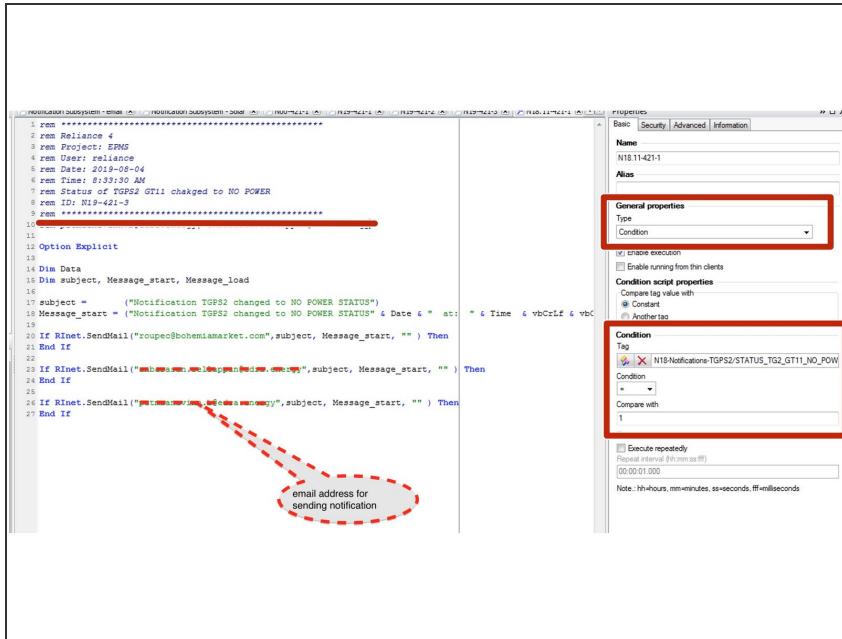
- Set STATUS flag  
**STATUS\_TG2\_GT11\_NO\_POWER**  
by the event

## Step 5 — Email Notification Script



- Open Script Manager in order to add email notification script

## Step 6 — Notification Script Configuration



- Script is triggered by the change of Status Flag

**STATUS\_TG2\_GT11\_NO\_POWER**

⚠ Please note that errors in the scripts will stop it's executions