**CD++ Model Data Form**

Title: Forestry Probe Power System

Type: DEVS Model

Acronym/Short name: FP Power System

Purpose for which Developed: Allows simulating a forestry probes power system and its batteries charge over the course of a year using DEVS formalism

Other Applications for which it is Suitable: -

Date Developed/Implemented: 25th October 2020

Domain: Other

Current Version: 1.0

URL:

Description (including characteristics): The FP power system is separated into the following components: solar panel, power consumers (transmitter, receiver, sensors) and battery. Given a weather trace, which effects the solar panels efficiency, and sensor settings which changes the power consumers power consumption, the battery’s charge is analyzed.

Links to Related Documents

Short Title:

URL:

Description:

Keywords: Forestry, DEVS

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