

## Applicability

A Stage 0 PDUP is required only for projects in the Cluster Assessment Process.

## Purpose

The purpose of Stage 0 PDUP is to ensure that the AESO has the sufficient model information for the market participant’s proposed facility before the project moves into the necessary studies in Stages 1 and 2.

## Process

The market participant must submit the Stage 0 PDUP as an attachment to the SASR application. A Stage 0 PDUP is required to be submitted to the AESO for review and acceptance in order to complete Stage 0. For more information about submitting a SASR to the AESO, see the SASR Guide.

As part of the Cluster Assessment Process, the Stage 1 and Stage 2 PDUPs will be created by the AESO. If the market participant is submitting a Project Change Proposal near the end of Stage 1 that results in a material change to the generation model (e.g. capacity change, equipment changes such as wind turbine generator size change, inverter size revision for solar plant, addition of BESS in a wind or solar facility, or technology change), then an updated generation model (i.e. updated Stage 0 PDUP as outlined below) must be submitted as an attachment to the Project Change Proposal for review and use by the AESO in the Stage 1 and Stage 2 PDUP models.

## PDUP Content

The quality and accuracy of the Stage 0 PDUP represents a typical or estimated level of technical data of the market participant’s facility. Where market participant equipment is not yet ordered, the market participant estimates data representing their project to a level of accuracy matching the project info in the SASR and adequate for the preliminary assessment study in Stage 1. The technical data contained in the Stage 0 PDUP for all power system equipment associated with the project is provided by the market participant as generic, typical, or “best guess”.

The Stage 0 PDUP consists of:

Item	Format
SLD(s) for power flow study <ul style="list-style-type: none"> <li>For BTF Projects: Before and After Project SLDs</li> <li>For Connection Projects: Project SLD of the Market Participant’s facility (do not include the transmission connection)</li> </ul>	PowerPoint, Word, or Visio
PSS/E Input Data Files <ul style="list-style-type: none"> <li>Power Flow RAW Data File</li> <li>Sequence Data File</li> </ul>	<ul style="list-style-type: none"> <li>.idev</li> <li>.idev</li> </ul>

Item	Format
<ul style="list-style-type: none"> <li>Dynamic Data File</li> </ul>	<ul style="list-style-type: none"> <li>.dvr</li> </ul>
Combined file with the above items	PDF with engineer authentication (stamp). <i>See the PDUP-IM for more information about authentication.</i>
Stage 0 PDUP Checklist	Excel

*Note, this supplement is an addendum to the PDUP-IM and the information in this supplement will be incorporated into the PDUP-IM at a later date.*