

<u>Stage</u>	<u>Steps</u>	<u>Actions performed by Application</u>	<u>Comments</u>
Setup/Admin	0-a1	Add/Edit Installation Metadata (Reference) - Lat/Lon/SC	Manual
Setup/Auto	0-a2	Corresponding Ref DC values are auto-fetched & stored from Ref API, on saving Installation Metadata	
Setup/Admin	0-b	Add/Edit InstallationKey data - Lat/Lon/SC, IKey will be auto-generated (UUID)	Manual
Scheduled/API	-	Generate/simulate Live DC Power for a day, at each hour, per installation key	Manual (currently)
Service/API	1	<b>API call: <i>appname/solarsys/api/performance/?installationkey=&amp;timestamp=</i></b>	Manual
Service/API	2	Get Lat/Long/ SC from InstallationKey table, using <i>installationkey</i>	
Service	3	Get nearest Reference object, based on lat/long/sc of <i>installationkey</i>	
Service/API	4	Get Live DC Power, using <i>installation key &amp; timestamp (date)</i>	
Scheduled/API	5	Compare Live DC power with Ref DC for each hour, on daily basis or adhoc based on web service request (with <i>timestamp &amp; installation key</i> params)	Manual/scheduled