###### **ANNEXURE MT-5: PMU SIGNAL LIST**

* 1. Details of PMU (make and version)
  2. Details of gateway/RTU – Make and version
  3. Details of the Multiplexor owned by PSP station

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No.** | **Description** | **Analog Points** | **Digital Points** | **Protection Signal** |
| 1 | Line | VOLTAGE {VRM, VYM, VBM, VPM, VRA, VYA, VBA, VPA} | -Main Breaker status  -Tie Breaker status | Main1/Main2  protection |
|  |  | CURRENT {IRM, IYM, IBM, IPM, IRA, IYA, IBA, IPA} | -Isolators |  |
|  |  | MW, MVAR, F, DF/DT |  |  |
| 2 | Bays |  | - Breaker  -Isolators |  |
| 3 | Main Buses | -VOLTAGE {VRM, VYM, VBM, VPM, VRA, VYA, VBA, VPA}  F, DF/DT | Bus sectionalizer Breaker |  |
| 4 | Transformer/Coupling  Transformer/Converter | -VOLTAGE {VRM, VYM, VBM, VPM, VRA, VYA, VBA, VPA} | -Breaker  -Isolators | Main1/Main2  protection |
|  | Transformer | CURRENT {IRM, IYM, IBM, IPM, IRA, IYA, IBA, IPA} |  |  |
|  |  | MW/MVAR |  |  |
| 5 | Reactor/Capacitor | VOLTAGE {VRM, VYM, VBM, | -Breaker |  |
|  | (if applicable) | VPM, VRA, VYA, VBA,VPA} | -Isolators |
|  |  | CURRENT {IRM, IYM, IBM, |  |
|  |  | IPM, IRA, IYA, IBA, IPA} |  |
|  |  | MVAR |  |