**Observed PV_mod1 (with gaps)**
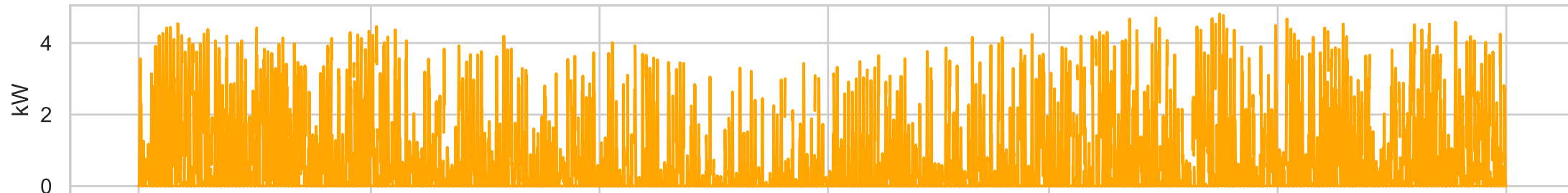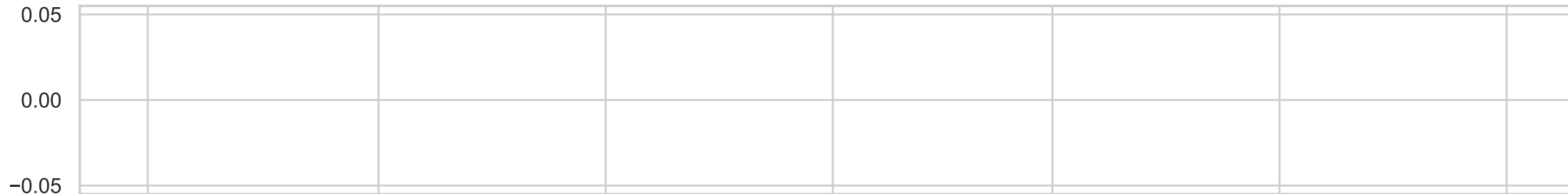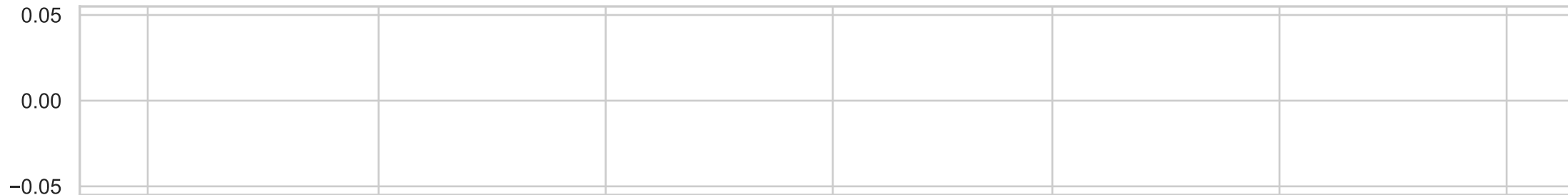
**Seasonal component**

**STL-reconstructed PV_mod1**