

## Cigre B5 - Tromsø 2019 - PS2

Paper	Title
B5_2019_PS2 201_CN_BU	Application and Test Analysis of IEEE 1588 in Smart Substation
B5_2019_PS2 202_GB_HAN	Performance Evaluation of IEEE 1588 for Precision Timing in IEC 61850 Substations
B5_2019_PS2 203_US_HUNT	Deployment and evaluation of PTPv2 in a PRP network
B5_2019_PS2 204_CN_ZHU	A Scheme to Eliminate Synchronous System Effects on Measuring Device in Smart Substation
B5_2019_PS2 205_BR_FLORES	Implementations and challenges in time synchronization of protection, automation and control systems: Experience and expectations of applications in Bra
B5_2019_PS2 206_US_APOSTOLOV	Time in IEC 61850 – Principles and Applications
B5_2019_PS2 207_CN_LIU	Application and implementation of time synchronization of digital substation in China
B5_2019_PS2 208_CN_HU	Research on monitoring and testing of time synchronization
B5_2019_PS2 209_NO_HURZUK	Implementation of time synchronization in the Statnett R&D project - Digital substation
B5_2019_PS2 210_AT_AICHHORN	Time Synchronisation for Travelling Wave Applications
B5_2019_PS2 211_AT_HUTTERER	Time Synchronisation Aspects and Technology Comparison for Digital Substations with Process Bus
B5_2019_PS2 212_JP_TOSHIMA	Time Synchronization Methods for Protection And Control Systems
B5_2019_PS2 213_NO_HAUGLIN	Redundant secure timing sources and timing distribution to digital power protection and control applications
B5_2019_PS2 214_CL_CASTRO	Design and Analysis of PTP Time Synchronization for Multi-Vendor IEC 61850 Process Bus based Protection and Control Applications.
B5_2019_PS2 215_RU_DONI	Estimation of relay protection time synchronization using data on analog values as per IEC 61850-9-2
B5_2019_PS2 216_RU_APROSIN	Issues of implementation and application of the time synchronization subsystem in complexes of relay protection and emergency control, digital substation
B5_2019_PS2 217_RU_VOLOSHIN	Application of synchronization methods by transients parameters for the implementation of a process bus according to IEC 61850
B5_2019_PS2 218_BR_PEREIRA JUNIOR	PTP Synchronization Performance Evaluation with Process Bus Load
B5_2019_PS2 219_BR_LEAL	Challenges and Benefits of a Unified Synchronism Network