



First Meeting of BRICS Working Group on Energy Efficiency 13-14 July 2021



The Republic of India organized First Meeting of Working Group on Energy Efficiency on 13-14 July 2021 under its presidency of BRICS for the year 2021. Bureau of Energy Efficiency, Ministry of Power hosted the virtual meetings through video conferencing. The two-day event had senior energy officials from all the BRICS nations. Additional Secretary (IC), M/o Power provided the key note address for the meeting.

Day-1 of the meeting had discussions taking forward the identified mutual technology interests in electric power industry as per BRICS Energy Technology Report 2020 prepared under Russian presidency. Senior Officials from NTPC Limited, Power System Operation Corporation Ltd (POSOCO), Power Grid Corporation of India Ltd, and Energy Efficiency Services Ltd (EESL) gave an overview of selected areas of interest in electric power industry. The topics included use of biomass in order to generate its basis electric and thermal energy at TPPs in the steam-power cycle; Automatic regulation of lighting, based on illumination, time of day and number of people in room; Integration of various IT systems at different hierarchical



levels of a power system; Increasing the efficiency of steam turbines by raising the parameters of sharp steam; and IEC 61850 Process Bus based Full Digital Substation Implementation. Representatives from BRICS nations shared respective initiatives undertaken by their countries on the identified mutual technology interests. Director-General, Bureau of Energy Efficiency moderated the session.

On Day-2, discussions were held on BRICS Indian Presidency Outcome documents including BRICS Energy Report, BRICS Energy Technology Report and draft Communique for the BRICS Energy Ministers meeting scheduled to be held in August, 2021. Representatives from each member nation gave overview of their national energy sector development. During the meeting, member countries agreed in-principle on India's proposal for updated version of report on BRICS energy sector. India also proposed to prepare a BRICS Energy Technology Report with a focus on demand side areas such as buildings, transport and industry. Member countries deliberated on the zero draft of the communique for the BRICS Energy Ministers meeting. The broad themes of the communique were agreed in-principle by the member countries after detailed deliberations and it was decided to finalise the communique prior to the BRICS Energy Ministers meeting.
