

## Power to Methanol – Challenges and Way Forward

리아즈 압자드, Hussain Arif<sup>1</sup>, 이문용<sup>1,†</sup>

Yeungnam University; <sup>1</sup>영남대학교

(mynlee@ynu.ac.kr<sup>†</sup>)

Continuing decline in technology costs has boomed installation of renewables-based power generation owing to the powerful role played by governments' policies related to energy and climate. As an aftermath of Paris agreement, the necessary transition towards renewable based energy infrastructures entails substantial fluctuations in electricity generation and supply; specifically, with reference to the most developed sources of wind and photovoltaics. These two are heavily weather and climate dependent. Security of supply is generally ensured when supply and demand are balanced at all times.