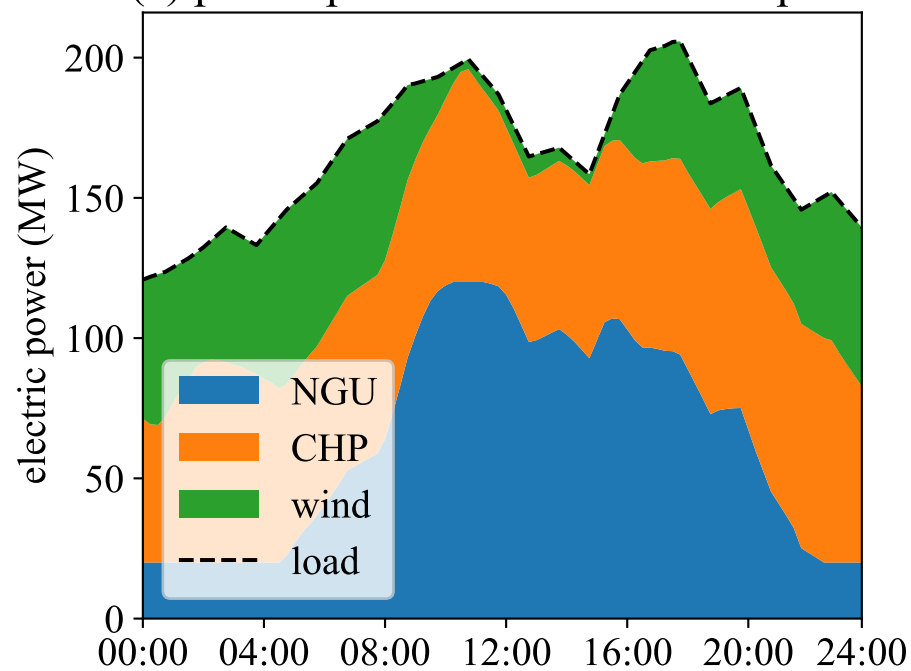
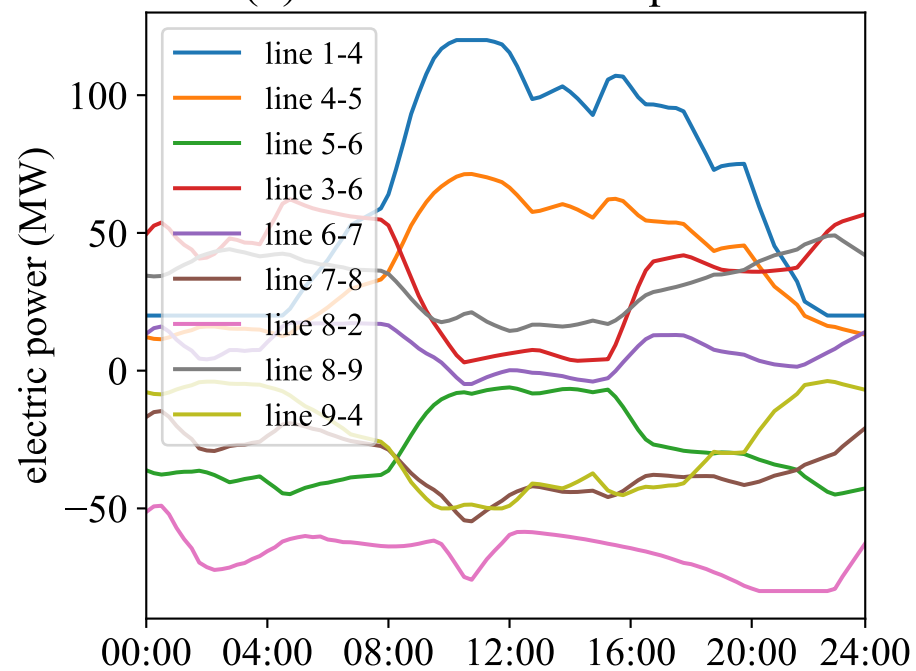


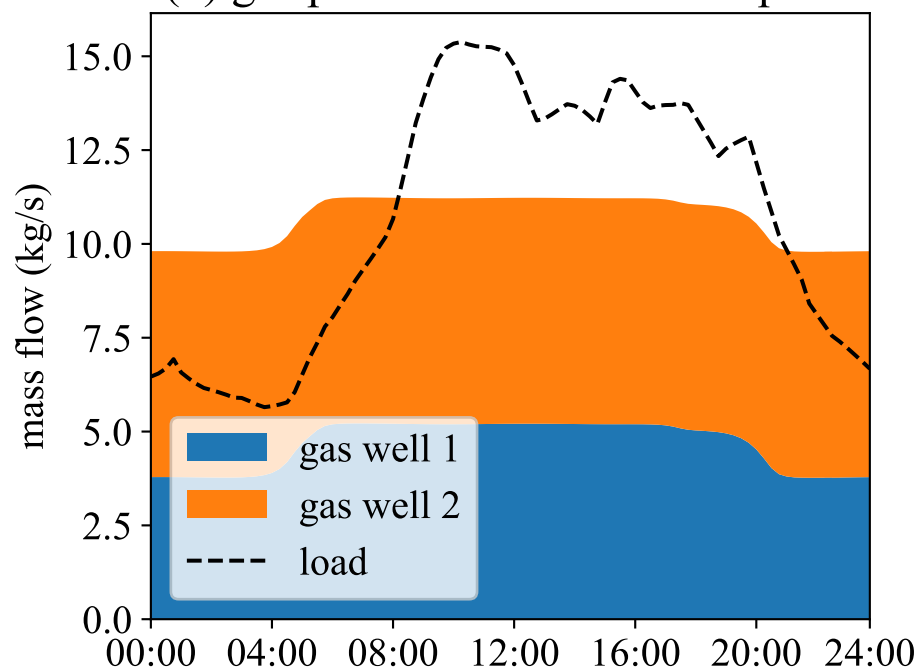
(a) power production and consumption



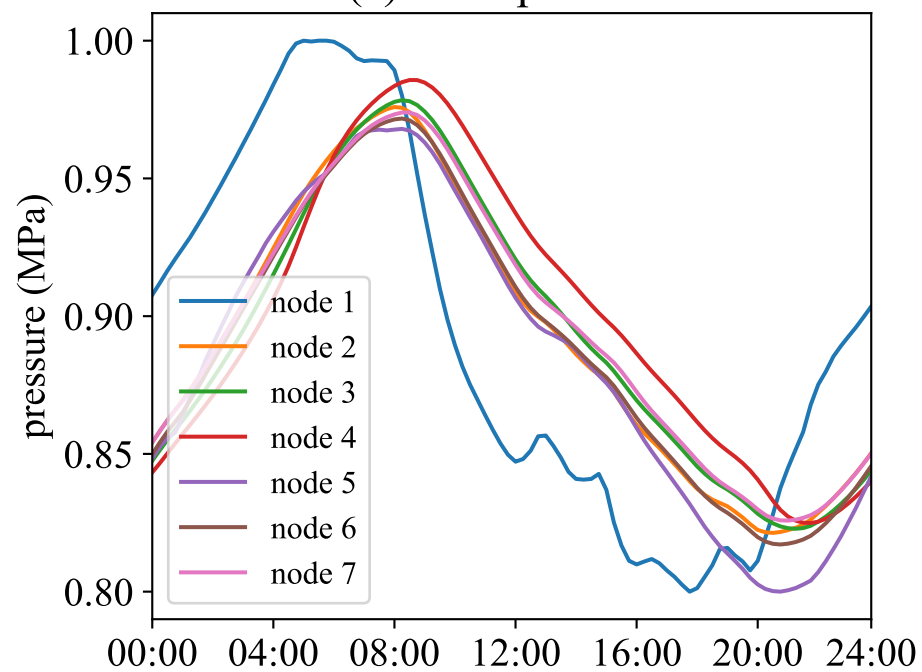
(d) transmission line power



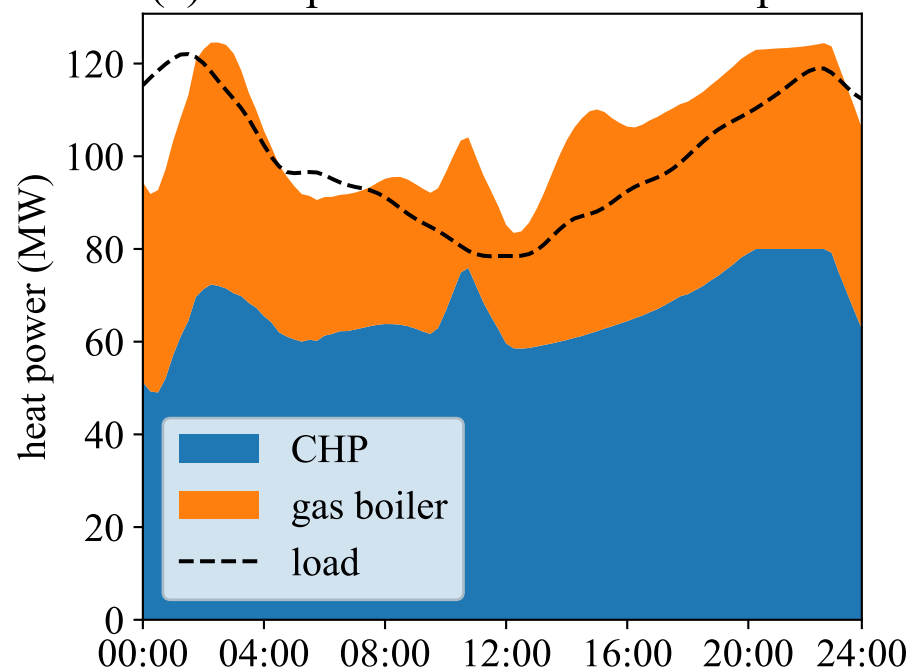
(b) gas production and consumption



(e) node pressure



(c) heat production and consumption



(f) node temperature

