

Huseyin Emre SAYICI

E-mail: hsayici21@ku.edu.tr

EDUCATION

2021–2026	Koç University , Istanbul PhD in Finance
2017–2020	Bogazici University , Istanbul MA in Economics
2012–2017	Bogazici University , Istanbul B.A. in Economics
Spring 2016	Erasmus University , Rotterdam Exchange Program , Economics

RESEARCH INTEREST

Innovation and Industrial Policy, Firm Dynamics, Energy Economics, Business Taxes and Subsidies, Public Finance, Data Science

EXPERIENCE

2021 September –	Teaching assistant at Koc University, Graduate School of Business
2020 January –	Data analyst consultant at TUSSIDE <i>Turkish Management Sciences Institute</i>
2020 February –	Research Assistant in Public Finance department at Marmara University

SKILLS

Software	Matlab, Stata, L ^A T _E X, R, Python, Mathematica
Language	Turkish (native), English (fluent), Arabic (proficient)

WORKING PAPER

Renewable Energy Policy Instruments and Market Power

Abstract: The impact of market power on different direct subsidy mechanisms is analyzed using a dominant firm with a competitive fringe model. We solve three stage Stackelberg game consisted of the conventional electricity generating monopoly, renewable competitive fringe representing the distributed generation, and the government setting the subsidy rates. The optimality stems from the trade-off between more costly but clean renewable energy and less costly but environmentally polluting non-renewable energy. The model is solved under fixed and premium tariffs and for different number of oligopoly firms, endogenous and exogenous financing of subsidies allowing the comparison of Feed in Tariff (FiT) and Premium (FiP) instruments.