# FOREWORD

In East Asian countries where there electricity demand has rapidly increasing, are facing necessity to construct new power plants in a timely manner to serve electricity demand. At the same time, cheaper electricity will be required when considering impact on general public and economy, and needs for cleaner electricity will become stronger when considering impact on pollution and climate issue.

On the other hand in East Asian countries, there are remaining of undeveloped (potential) resources like coal, natural gas and river to fuel power plant. If the region can utilize these resources, it would benefit to cheaper supply and cleaner electricity generation, and also contribute to enhance energy security through reducing regional import dependency of energy supply.

One possible option to maximize the use of undeveloped (potential) resources in the region is international grid interconnection. The region can optimize power supply mix through cross-border power transaction.

Against this backdrop, ERIA organized a working group to carry out a new study aims to analyze a possible optimum power generation mix of the region, and to provide policy recommendations for the improvement of that situation. Experts from EAS countries were gathered to discuss their existing power development plan and possibility for regional optimization.

It is my hope that the outcomes of this study will serve as the point of reference for policymakers in East Asian countries and contribute to the improvement of energy security in the region as a whole.

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