

CONTENTS

Essay

..... Y. UCHIYAMA (81)

Special Articles: Electric Supplier after the Great East Japan Earthquake

— Natural Gas Development Projects for Stable LNG Supply —

(Preface)

Preface to Special Issue for the Symposium Held by Natural Gas Resources Division

..... S. SHIMADA (82)

(Reviews)

Abadi LNG Project — Energy for Bright Future —

..... H. OTA (83)

Shale Gas Development in Canada

..... H. HABA (90)

Shale Gas Evolution

— A Tremendous Increase of Natural Gas Reserves and Its Effects on the LNG Market —

..... M. IHARA (96)

Special Articles: Post 3.11 — Japan's Energy Policy and Technology Trend —

(Review)

A Study on Japanese Energy Balances after the Great East Japan Earthquake

..... K. TSUZUKI, R. MORIYAMA, Y. ISHIMOTO, K. TOKIMATSU, N. HAGIWARA (104)

Original Paper

Defluorination with Biobriquette during Coal Combustion

..... L. DAN (111)

Magnetic Screening for Heavy Metal Pollution in the Wood Biomass Obtained from the Roadside Trees

..... T. SATO, H. SAKUGAWA, K. TAKEDA, H. KONDO (118)

Technical Paper

Evaluation of Waste Plastics Particle for Blast Furnace Injection

..... M. ASANUMA, M. KAJIOKA, H. TSURUTA (127)

Short Paper

Development of Closed-Cycle Gas Turbine for Oxy-Fuel IGCC Power Generation with CO₂ Capture

— Emission Analysis of Gasified-Fueled Gas Turbines with Circulating Exhaust & Stoichiometric Combustion —

..... T. HASEGAWA, H. NISHIDA, J. INUMARU (134)

Lecture Note

Energy Conversion (3-8):

Activities and Applications of Secondary Battery Technologies for Energy Storage T. IKEYA (138)

Opinion

The Great East Japan Earthquake

Considerations for Japan's Long-term Energy Supply and Demand Strategy K. OGIMOTO (145)

Introduction of Research Group (SHIZUOKA GAS CO., LTD., Technological Development Center) (150)

The Report of the 34th Japan CBM & Shale Gas Forum (153)

Entropy (154) JIE Calendar (155)

Bulletin Board (155) From the Editors (157)