

# Introduction to Macquarie Cook Energy Market Capabilities

August 2008





	_
PAG	E
1. Macquarie Group Overview	3
2. Macquarie Cook – Capability Summary	8
3. Contact Details	20



## Macquarie Group Overview

7



### Macquarie Group Profile

The Macquarie Group comprises Macquarie Bank Limited and its subsidiaries and affiliates

Macquarie Cook **Energy and Macquarie** Macquarie Bank Ltd

### **Cook Power are** wholly-owned subsidiaries of



Staff numbers as of Mar 31, 2008.



#### **DIVERSIFIED, GLOBAL FINANCIAL SERVICES ORGANIZATION**

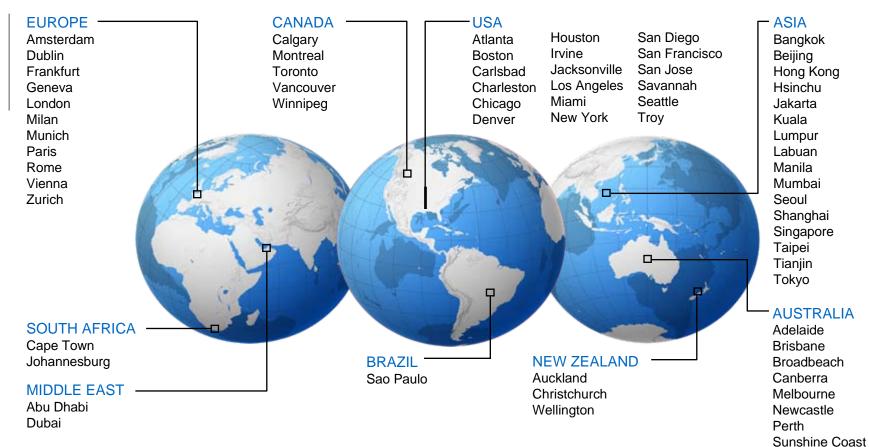
- Global institution, headquartered in Australia
- Total assets under management, ~US\$232 billion
- 57% of total operating income derived from international markets
- 13,200 employees in 25 countries
  - Over 1,800 employees in the Americas
- Macquarie Group Limited, Australian Stock Exchangelisted (ASX: MQG)
- Top 20 ASX company; market capitalization of ~US\$19 billion
- Successive years of record profits and consistent growth since 1992
- Macquarie Bank Limited ratings:
  - F1/A+ (Fitch)
  - P1/A1 (Moody's)
  - A1/A (Standard & Poor's)



## Macquarie Group Global Offices

Sydney

13,200 employees in 25 countries



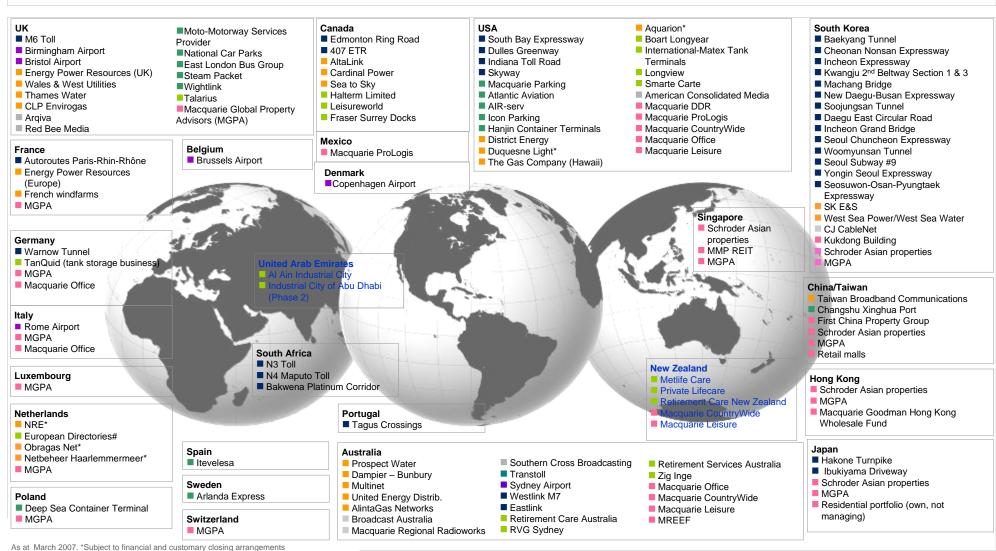
Staff numbers as of Mar 31, 2008





## Macquarie Group

#### AUM - Over 800 Infrastructure & Real Estate Assets









## Macquarie Group

#### Major Business Activities

TREASURY & COMMODITIES GROUP  INVESTMENT BANKING GROUP	<ul> <li>Energy Markets (incl. Macquarie Cook)</li> <li>Agriculture &amp; Industrial Products</li> <li>Metals &amp; Energy Capital</li> <li>Foreign Exchange</li> <li>Debt markets</li> <li>Futures</li> <li>Treasury</li> <li>Economic research</li> <li>Finance (including Advisory, Equity Capital Markets and Investment Banking Funds)</li> <li>Financial Products</li> </ul>	BAN SEC
	<ul> <li>Macquarie Capital (leasing &amp; asset financing)</li> <li>Institutional Stockbroking</li> <li>Research Equities</li> </ul>	FUN GRO
EQUITY MARKETS GROUP	<ul> <li>Product issuance</li> <li>Volatility trading</li> <li>Structured deals</li> <li>Cash trading</li> <li>Equity finance</li> <li>Hedge funds</li> </ul>	
REAL ESTATE GROUP	<ul> <li>Real estate investment management</li> <li>Real estate finance</li> <li>Real estate investment banking</li> </ul>	

BANKING &	
SECURITIZATION	GROUP

- Banking
- Investment Lending
- Consumer Lending
- Mortgages and Debt Securitization

#### TAIL FINANCIAL **RVICES GROUP**

- Full service stockbroking
- Private banking
- Financial planning
- Third party product distribution
- Macquarie Wrap
- Cash Management Trust

#### NDS MANAGEMENT OUP

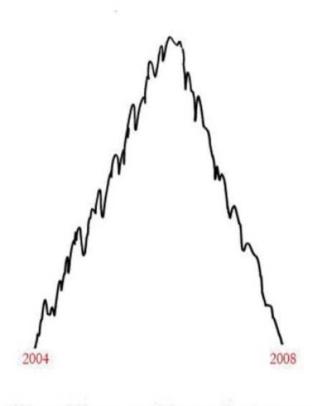
- Full spectrum active fund mgr
- Global & domestic funds
- Equities
- Property
- Fixed Interest
- Cash
- Private Equity
- Responsible entity services



## Macquarie Cook - Capability Summary



# Financial Crisis If nothing else has resulted in some fantastic emails...



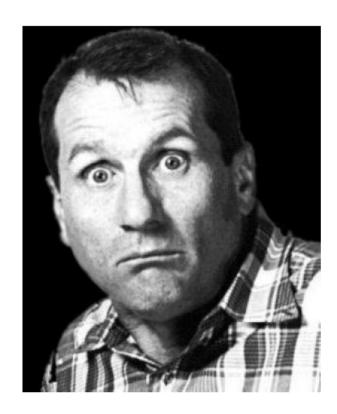
We wish you a Merry Christmas





# Financial Crisis If nothing else has resulted in some fantastic emails...

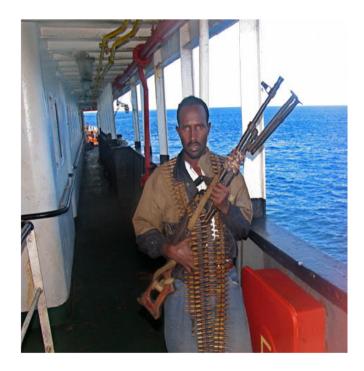
"This is worse than a divorce. I lost half my net worth but I still have my wife"





#### Financial Crisis Macquarie Cook If nothing else has resulted in some fantastic emails...

"Somali Pirates in Discussions to Acquire Citigroup"





## Macquarie Cook Overview

Macquarie Cook brings superior products and risk management services to customers in the physical energy markets of North America.

#### NORTH AMERICAN TRADING AND MARKETING

- Physical solutions for producers and end users
  - Power and Gas supply
  - Medium and Long Term Hedges
  - Storage and Transportation Services
- Extensive range of financial hedge products
- History of lasting customer relationships
- Priority of customer transactions over proprietary trading
- Asset acquisition and development
- Owned by and guaranteed where agreed by Macquarie Bank Limited, a strong and diversified global services organization

Macquarie Bank Limited ratings:

- F1/A+ (Fitch)
- P1/A1 (Moody's)
- A1/A (Standard & Poor's)





## Macquarie Cook

#### **Energy Market Capabilities**

13



## Power Macquarie Cook Power ('MCP') (Houston)



Real-time Desk and Scheduling Services

Long-term Power -Plant Hedges

Load Shaped -Products

Options & -Derivatives

Energy Management -Services

Basis & Location -Spreads



Asset Capability
MCP & MCE
(Houston & LA)

Existing Power Generation

Power Development

- Greenfield
- Brownfield
- Repowering

Renewable -Projects

Electric

Transmission

Nat Gas Storage & Transportation

Natural Gas
Macquarie Cook Energy ('MCE')

(Los Angeles)

Nat Gas Trading

Physical Nat Gas Marketing-

Physical Nat Gas Origination & Structuring-

> Nat Gas Derivatives-

Nat Gas Transportation-

> Nat Gas Storage-

Risk Management Services-





## **Power Capability**

#### Macquarie Cook Power Profile



## Power Macquarie Cook Power ('MCP') (Houston)

Term & Cash Trading - PJM, MISO, -NYISO, NEPool, CAISO and WECC

Real-time Desk and -Scheduling Services

Long-term Power -Plant Hedges

Load Shaped Products

Options & -Derivatives

Energy Management -Services

Basis & Location Spreads Macquarie Cook Power combines the extensive physical experience of its power trading and marketing staff to deliver superior risk management products to its customers.

- Established in 2006
- Macquarie Cook Power maintains a customer focus and the capabilities to meet physical customer needs
- Unlike many financial institutions, Macquarie Cook Power has the ability to own or dispatch physical assets. A strong physical focus is key to the Macquarie Cook Power business strategy
- Guarantees available from A rated Macquarie Bank Limited
- Currently trading physically and/or financially in PJM Interconnection, NEPOOL, NYISO, MISO, CAISO, and the entirety of WECC markets.



## **Natural Gas Capability**

Macquarie Cook Energy Profile

Macquarie Cook Energy's core business is focused on the full range of physical natural gas in North America, including transportation, storage, balancing, and ultimately receipt or delivery of physical natural gas from production to the end user.

- Macquarie Cook Energy Founded in 1990, as an energy trading and marketing company headquartered in Los Angeles
- A successful 17 year track record of serving North America's largest natural gas producers, utilities, industrial users, and other large wholesale energy players at all major points in the United States and Western Canada while maintaining a low risk, focused and tightly controlled trading operation
- Offering a full range of financial products in natural gas
- Active at all major pricing points across North America, trading more than
   2.8 billion cubic feet of gas per day
- Evolved from a West Coast, short term, physical natural gas player to a full service, physical and financial player with long dated deal capacity, and North American market coverage
- Expansion of marketing and trading business into Canada



#### Natural Gas

Macquarie Cook Energy ('MCE') (Los Angeles)

Nat Gas Trading

Physical Nat Gas Marketing-

Physical Nat Gas Origination & Structuring-

> Nat Gas Derivatives-

Nat Gas Transportation-

> Nat Gas Storage-

Risk Management Services





## **Asset Capability**



## Asset Capability MCP & MCE (Houston & LA)

Existing Power Generation

Power Development

- Greenfield
- Brownfield
- Repowering

Renewable

-Projects

Electric

-Transmission

Nat Gas Storage & Transportation Macquarie Cook has experienced staff that are actively seeking asset acquisition and development opportunities that complement its trading, marketing and origination activities.

- Macquarie Cook seeks to make investments in North American:
  - Power Generation Fossils and Renewables:
  - Electric Transmission; and
  - Gas Storage and Transportation.
- Willing to accept:
  - Merchant commodity risk; and
  - Development, construction and operational risk.
- A preference for investments that allow Macquarie Cook to fully utilize its commodity trading and optimization capabilities
- Geographic preference for the West, Midwest, Mid Atlantic and Northeast
- Development interests include: Greenfield, brownfield and re-powering projects, equipment, transmission lines, gas storage and transportation



### **Asset Investments**

- 600 MW Avenal high efficiency gas fired power plant in southern California \$20MM development project
- Site option agreement to develop a biomass power plant at an abandoned paper mill adjacent to a hydroelectric plant in central Vermont. We provided a financial hedge for price support of the electricity sales
- Development financing for 25MW biomass development project in Indiana
- Providing Physical Power Plant energy management services
- Development partner in 400MW solar power project
- Final negotiating stage of financing documents for these year end transactions:
  - 25MW biomass development financing with debt instrument converting to equity at a site in Rockford,
     Minneapolis
  - Providing a Revolving Credit Facility with warrants for two 12.5MW biomass plants in southern California



## **Carbon Finance Capability**

#### Environmental Financial Products

## Unlocking carbon offset potential assists renewable energy development and low-carbon projects worldwide.

- Carbon finance team based in New York, London, Sydney, Hong Kong & Beijing
- Team includes environmental finance industry pioneers, transacted over 100 million tons of Kyoto compliance
- Proven track record navigating intricacies of the carbon offset creation process concept through documentation, financing, implementation and monetization.
- Experience to provide integrated carbon finance solutions will maximize potential environmental revenue streams
- Currently developing wide range of environmental credits including Renewable Energy Credits (RECs), pre-compliance carbon offsets for the Western Climate Initiative, California's Climate Action Registry's "CARROTS", The Chicago Climate Exchange and RGGI (Regional Greenhouse Gas Initiative) in the Northeastern US



Recent carbon finance project included the Taiyanggong CCGT power plant - built to provide cleaner power for the 2008 Beijing Olympics





### **Contact Details**

3



#### **Contacts**

#### **HOUSTON – ASSETS & DEVELOPMENT HOUSTON – POWER MARKETING / ORIGINATION Andre Templeman** Mark Guzman **Charlie Costenbader** Jim Rexroad Macquarie Cook Power Macquarie Cook Power Macquarie Cook Power Macquarie Cook Power One Allen Center One Allen Center One Allen Center One Allen Center 500 Dallas, Suite 3100 500 Dallas, Suite 3100 500 Dallas, Suite 3100 500 Dallas, Suite 3100 Houston, TX 77002 Houston, TX 77002 Houston, TX 77002 Houston, TX 77002 Tel: +1 713 275 6147 Tel: +1 713 275 6129 Tel: +1 713 275 6138 Fax: +1 713 275 6115 Tel: +1 713 255-5837 Fax: +1 713 275 6115 Fax: +1 713 275 6115 Fax: +1 713 275 6115 Email: jim.rexroad@macquarie.com Email: charles.costenbader@macquarie.com Email: Andre.Templeman@macquarie.com Email: Mark.Guzman@macquarie.com

		HOUSTON – ASSETS & DEVELOPMENT	NEW YORK - CARBON
Nicholas O'Kane	Leila Tanbouz	Stuart Zisman	Neil Cohn
Macquarie Cook Energy 10100 Santa Monica Boulevard Suite 1800 Los Angeles, CA	Macquarie Cook Energy 10100 Santa Monica Boulevard Suite 1800 Los Angeles, CA	Macquarie Cook Power One Allen Center 500 Dallas, Suite 3100 Houston, TX 77002	Macquarie Level 23 125 West 55 <sup>th</sup> Street New York, NY
Tel: +310 789 2325 Fax: +310 789 3945 Email: nicholas.okane@macquarie.com	Tel: +310 789 2316 Fax: +310 789 3945 Email: Leila.Tanbouz@macquarie.com	Tel: +1 713 275 6124 Fax: +1 713 275 6115 Email: stuart.zisman@macquarie.com	Tel: +1 212-231-2329 Fax: +1 212-231-1010 Email: neil.cohn@macquarie.com



#### **Disclaimer**

The opinions and strategies in this document are based on certain assumptions and market conditions at the time of publication. If those underlying assumptions or market conditions change, the opinions and strategies will change. All quotations are indicative only. A firm quotation will be provided upon request.

The information provided in this document is believed to be accurate, although it has not been independently verified by Macquarie Bank Limited ("MBL"), Macquarie Cook Energy, LLC ("MCE"), Macquarie Cook Power Inc. ("MCP"), or Macquarie Cook Energy Canada Ltd. ("MCEC"). No Macquarie entity gives any warranties or representations in relation to this information nor does any Macquarie entity accept liability or responsibility for any loss arising as a result of a person acting on this information and advice, whether such loss is caused by negligence or otherwise. This document and its contents are confidential to the person(s) to whom it is delivered and should not be copied or distributed, in whole or in part, or its contents disclosed by such person(s) to any other person. MBL maintains Representative Offices in New York, California, Washington, Illinois and Texas and is not licensed to conduct banking business in the US. In the UK, MBL is authorised and regulated by the Financial Services Authority ("FSA"). MCP, MCE, and MCEC are not authorised deposit-taking institutions for the purposes of the Banking Act of Australia and the obligations of MCP, MCE, and MCEC do not represent deposits or other liabilities of Macquarie Bank Limited ABN 46 008 583 542. The transmission of this document to any other person in the UK other than the categories stated above is unauthorized and may contravene the UK Financial Services and Markets Act 2000. Unless otherwise explicitly agreed to between MBL and a customer of an MBL affiliate, MBL does not guarantee or otherwise provide assurance in respect of the obligations of that subsidiary.