

Macquarie Infrastructure Co LLC
 Form 424B5
 December 13, 2013

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Amount to be Registered	Proposed Maximum Offering Price Per Unit	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
LLC interests	2,443,980 ⁽¹⁾	\$ 52.50 ⁽¹⁾	\$ 128,308,950 ⁽¹⁾	\$ 16,526.20 ⁽²⁾

(1) Includes LLC interests which may be purchased by the underwriters pursuant to their option.

(2) Calculated in accordance with Rule 457(r) under the Securities Act of 1933, as amended.

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Filed Pursuant to Rule 424(b)(5)
Registration No. 333-187794

**Prospectus Supplement
(To Prospectus dated April 8, 2013)**

2,125,200 Shares

Macquarie Infrastructure Company LLC

We are selling 2,125,200 of our limited liability company interests, which we refer to as the shares. We will receive all of the net proceeds from the sale of the shares.

Our shares trade on The New York Stock Exchange, or the NYSE, under the symbol MIC. The last reported trading price of our shares on December 12, 2013 was \$52.66.

Investing in our shares involves risks. See Risk Factors beginning on page S-16 of this prospectus supplement.

	Per Share	Total
Price to the public	\$ 52.50	\$ 111,573,000
Underwriting discounts and commissions	\$ 2.10	\$ 4,462,920
Proceeds to Macquarie Infrastructure Company LLC (before expenses)	\$ 50.40	\$ 107,110,080

We have granted the underwriters the option to purchase up to 318,780 additional shares within 30 days of the date of this prospectus supplement.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The underwriters expect to deliver the shares on or about December 18, 2013.

Barclays

Macquarie Capital
Prospectus Supplement dated December 12, 2013

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Macquarie Infrastructure Company LLC is not an authorized deposit-taking institution for the purposes of the Banking Act 1959 (Commonwealth of Australia) and its obligations do not represent deposits or other liabilities of Macquarie Bank Limited ABN 46 008 583 542 (MBL). MBL does not guarantee or otherwise provide assurance in respect of the obligations of Macquarie Infrastructure Company LLC.

We have not, and the underwriters have not, authorized any dealer, salesperson or other person to give any information or to make any representation other than those contained in or incorporated by reference into this prospectus supplement, the accompanying prospectus or any free writing prospectus that may be provided to you by us or on our behalf. You must not rely upon any information or representation not contained in or incorporated by reference into this prospectus supplement, the accompanying prospectus or any free writing prospectus that may be provided to you. This prospectus supplement, the accompanying prospectus and any such free writing prospectus do not constitute an offer to sell or the solicitation of an offer to buy any securities other than the registered securities to which they relate. Nor do this prospectus supplement, the accompanying prospectus or any such free writing prospectus constitute an offer to sell or the solicitation of an offer to buy securities in any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction. You should not assume that the information contained in this prospectus supplement, the accompanying prospectus, the documents incorporated herein and therein by reference and any such free writing prospectus is correct on any date after their respective dates, even though this prospectus supplement, the accompanying prospectus and any such free writing prospectus are delivered or securities are sold on a later date. Our business, financial condition, results of operations and cash flows may have changed since those dates.

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ABOUT THIS PROSPECTUS SUPPLEMENT

This document is in two parts. The first part is this prospectus supplement, which describes the terms of the offering of our shares and also adds to and updates information contained in the accompanying prospectus as well as the documents incorporated by reference into this prospectus supplement and the accompanying prospectus. The second part is the accompanying prospectus, dated April 8, 2013, which we refer to as the accompanying prospectus, which gives more general information about our shares that we may offer from time to time. This prospectus supplement and the accompanying prospectus incorporates by reference important business and financial information about us that is not included in or delivered with this prospectus. You should read both this prospectus supplement and the accompanying prospectus together with the additional information below under the headings **Where You Can Find More Information** and **Incorporation of Certain Documents By Reference**.

You should rely only on the information contained in or incorporated by reference into this prospectus supplement, the accompanying prospectus or any free writing prospectus provided by us or on our behalf. To the extent there is a conflict between the information contained in this prospectus supplement, on the one hand, and the information contained in the accompanying prospectus or any document that has previously been filed with the Securities and Exchange Commission, or the SEC, and is incorporated into this prospectus by reference, on the other hand, the information in this prospectus supplement shall control. We have not, and the underwriters have not, authorized any other person to provide you with different information or representations.

INDUSTRY AND MARKET DATA

In this prospectus supplement and the accompanying prospectus (and the documents incorporated herein or hereto), we rely on and refer to information and statistics regarding market data and the industries of our businesses and investments obtained from market research, independent industry publications and other publicly available information. We believe this information is reliable but we have not independently verified it. In addition, we have made statements in this prospectus supplement and the accompanying prospectus regarding our industry and our position in the industry based on our experience in the industry and our own evaluation of market conditions.

FORWARD-LOOKING STATEMENTS

We have included in or incorporated by reference into this prospectus supplement certain statements that may constitute forward-looking statements. These include without limitation those under the headings **Prospectus Supplement Summary** **Macquarie Infrastructure Company LLC** and **Risk Factors**, as well as those contained in any applicable prospectus supplement and the accompanying prospectus or in any document incorporated by reference into this prospectus supplement and the accompanying prospectus. In addition, our management may make forward-looking statements to analysts, investors, representatives of the media and others. These forward-looking statements are not historical facts and represent only our beliefs regarding future events, many of which, by their nature, are inherently uncertain and beyond our control. We may, in some cases, use words such as **project**, **believe**, **anticipate**, **plan**, **expect**, **estimate**, **intend**, **should**, **would**, **could**, **potentially**, **may**, **seek** or other words or phrases to identify these forward-looking statements.

In connection with the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, we are identifying important factors that, individually or in the aggregate, could cause actual results to differ materially from those contained in any forward-looking statements made by us. Any such forward-looking statements are qualified by

reference to the following cautionary statements.

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Forward-looking statements in this prospectus supplement (including any documents incorporated by reference herein) are subject to a number of risks and uncertainties, some of which are beyond our control, including, among other things:

changes in general economic, business or demographic conditions or trends in the United States or changes in the political environment, level of travel or construction or transportation costs where we operate, including changes in interest rates and price levels;

our holding company structure and/or investments in businesses that we may not control, may limit our ability to pay or increase a dividend;

changes in patterns of commercial or general aviation air travel, including variations in customer demand for our business;

our Manager's affiliation with the Macquarie Group or equity market sentiment, which may affect the market price of our shares;

our limited ability to remove our Manager for underperformance and our Manager's right to resign;

payment of performance fees to our Manager, if any, that could reduce distributable cash if paid in cash or could dilute existing shareholders if satisfied with the issuance of our shares;

our ability to service, comply with the terms of and refinance at maturity our substantial indebtedness;

our ability to make, finance, integrate and realize the planned benefits of our acquisitions, including the Galaxy Acquisition (as defined below);

our ability to implement our operating and internal growth strategies;

our ability to enhance the financial planning and analysis function at IMTT;

the regulatory environment, including U.S. energy policy, in which our businesses and the businesses in which we hold investments operate and our ability to estimate compliance costs, comply with any changes thereto, rates implemented by regulators of our businesses and the businesses in which we hold investments, and our relationships and rights under and contracts with governmental agencies and authorities;

unanticipated or unusual behavior of the City of Chicago brought about by the financial distress of the city;

the extent to which federal spending cuts, including potentially those resulting from sequestration, reduce the U.S. military presence on Hawaii or flight activity at airports on which Atlantic Aviation operates;

technological innovations leading to a change in energy consumption patterns;

changes in electricity or other energy costs, including natural gas pricing;

the competitive environment for attractive acquisition opportunities facing our businesses and the businesses in which we hold investments;

environmental risks, including the impact of climate change and weather conditions, pertaining to our businesses and the businesses in which we hold investments;

work interruptions or other labor stoppages at our businesses or the businesses in which we hold investments;

changes in the current treatment of qualified dividend income and long-term capital gains under current U.S. federal income tax law and the qualification of our income and gains for such treatment;

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disruptions or other extraordinary or force majeure events affecting the facilities or operations of our businesses and the businesses in which we hold investments and our ability to insure against any losses resulting from such events or disruptions;

fluctuations in fuel costs, or the costs of supplies upon which our gas processing and distribution business is dependent, and our ability to recover increases in these costs from customers;

our ability to make alternate arrangements to account for any disruptions or shutdowns that may affect the facilities of the suppliers or the operation of the barges upon which our gas processing and distribution business is dependent; and changes in U.S. domestic demand for chemical, petroleum and vegetable and animal oil products, the relative availability of tank storage capacity and the extent to which such products are imported.

Our actual results, performance, prospects or opportunities could differ materially from those expressed in or implied by the forward-looking statements. A description of risks that could cause our actual results to differ appears under the caption **Risk Factors** and elsewhere in this prospectus supplement and in the documents incorporated by reference into this prospectus supplement. It is not possible to predict or identify all risk factors and you should not consider that description to be a complete discussion of all potential risks or uncertainties that could cause our actual results to differ.

In light of these risks, uncertainties and assumptions, you should not place undue reliance on any forward-looking statements. The forward-looking events discussed in this prospectus supplement (including any documents incorporated by reference herein) may not occur. These forward-looking statements are made as of the date of this prospectus supplement. We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law. You should, however, consult further disclosures we may make in future filings with the SEC. See **Where You Can Find More Information** and **Incorporation Of Certain Documents By Reference** in this prospectus supplement.

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PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights information incorporated by reference into or contained elsewhere in this prospectus supplement and the accompanying prospectus. This summary may not contain all of the information that may be important to you. You should read carefully all of the information contained in or incorporated by reference into this prospectus supplement and the accompanying prospectus, including the information set forth under the caption Risk Factors beginning on page S-16 of this prospectus supplement and page 3 of the accompanying prospectus, and our consolidated financial statements and the related notes thereto incorporated by reference herein before making a decision to invest in our shares.

Macquarie Infrastructure Company LLC, a Delaware limited liability company, was formed on April 13, 2004. Except as otherwise specified, Macquarie Infrastructure Company, MIC, the Company, our Company, we, us, and our refer to Macquarie Infrastructure Company LLC and its subsidiaries together from June 25, 2007 and, prior to that date, to Macquarie Infrastructure Company Trust, the Company and its subsidiaries. Macquarie Infrastructure Management (USA) Inc., which we refer to as our Manager, is part of the Macquarie Group, comprising Macquarie Group Limited and its subsidiaries and affiliates worldwide.

Macquarie Infrastructure Company LLC

We own, operate and invest in a diversified group of infrastructure businesses that provide basic services, to businesses and individuals primarily in the U.S. The businesses we own and operate include:

International Matex Tank Terminals or IMTT: a 50% interest in a bulk liquid storage terminal business, which provides bulk storage of liquids such as petroleum, chemicals, renewable fuels, and animal and vegetable oils, and handling services at ten marine terminals in the United States and two in Canada and is one of the largest participants in this industry in the U.S., based on storage capacity;

Hawaii Gas: a full-service gas energy company processing and distributing gas products and providing related services in Hawaii consisting of both regulated and non-regulated operations;

District Energy: a 50.01% controlling interest in a district energy business, which operates one of the largest district cooling systems in the U.S., serving various customers in Chicago, Illinois and Las Vegas, Nevada;

Atlantic Aviation: an airport services business providing products and services, including fuel and aircraft hangaring/parking, to owners and operators of general aviation aircraft at 63 airports in the U.S.; and

MIC Solar Energy Holdings, or MIC Solar: currently owns interests in five contracted solar power generation facilities located in the southwest U.S. that are expected to have an aggregate generating capacity of 57 megawatts of wholesale electricity to utilities and an U.S. Air Force base.

Our infrastructure businesses generally operate in sectors with limited direct competition and significant barriers to entry, including high initial development and construction costs, the existence of long-term contracts or the requirement to obtain government approvals and a lack of immediate cost-efficient alternatives to the services provided. Overall they tend to generate sustainable long-term cash flows.

Dividends

We view MIC as a total return investment opportunity. Consistent with that view we intend to distribute a significant portion of our share of the free cash flow generated by our businesses in the form of a quarterly cash dividend. We define free cash flow as cash from operating activities, which includes cash paid for interest and taxes, less maintenance capital expenditures and changes in working capital. In particular, we believe that over time we will

distribute approximately 80% to 85% of the free cash flow (in proportion to our equity interest) generated by our businesses, subject to the continued stable performance of our businesses and prevailing economic conditions. We further believe that the growth characteristics of our businesses will permit our distributable cash flow per share to grow at a high single-digit rate annually over the medium term, subject to the same factors. From 2007 through September 30, 2013, our proportionately combined free cash

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flow per share has grown at a compound annual rate of 13.3% per annum. We believe that our quarterly cash dividend, combined with the potential for capital appreciation stemming from the growth of each of our businesses, supports our view of the Company as a total return investment opportunity.

On October 25, 2013, our Board of Directors declared a cash dividend of \$0.875 per share for the quarter ended September 30, 2013. This dividend was paid to all shareholders as of the record date, November 11, 2013, including our Manager, on November 14, 2013.

The declaration and payment of any future dividends will be subject to a decision of our Board of Directors. Our Board of Directors will take into account such matters as the state of the capital markets and general business conditions, our financial condition, results of operations, capital requirements and any contractual, legal and regulatory restrictions on the payment of dividends by our Company to the shareholders or by our subsidiaries to us, and any other factors that it deems relevant. In particular, each of our businesses and investments have debt commitments and restrictive covenants, which must be satisfied before any of them can make distributions to our Company. Any or all of these factors could affect both the timing and amount, if any, of future dividends.

Our Manager

We are managed externally by Macquarie Infrastructure Management (USA) Inc., our Manager. Our Manager is a member of the Macquarie Group, a diversified international provider of financial, advisory and investment services. The Macquarie Group is headquartered in Sydney, Australia and is a global leader in the management of infrastructure investment vehicles on behalf of third-party investors and advising on the acquisition, disposition and financing of infrastructure assets.

We have entered into a management services agreement with our Manager. Our Manager is responsible for our day-to-day operations and affairs and oversees the management teams of our operating businesses. At the holding company level, we do not have any employees. Our Manager has assigned, or seconded, to us two of its employees to serve as our chief executive officer and chief financial officer and seconds or makes other personnel available as required. The services performed for us by our Manager are provided at our Manager's expense, and include the compensation of our seconded personnel.

We pay our Manager a monthly base management fee based on our market capitalization. Our Manager can also earn a performance fee if the quarterly total return to shareholders (capital appreciation plus dividends) exceeds the quarterly total return based on a weighted average of two benchmark utilities indices. For our Manager to be eligible for the performance fee, our quarterly total returns must be positive and in excess of any prior underperformance. The performance fee is equal to 20% of the difference between the benchmark return and the return for our shareholders. Our Manager may choose to retain its base management and/or performance fees in cash or to reinvest such fees in additional shares during a specified election window. The price for such shares is calculated based on the volume weighted average trading price of our shares over a specified period of time up to a maximum share price that is equal to double the closing share price of our shares on the last day of the election window. Over the period commencing with the fourth quarter in 2011 and through November 2013, our Manager has elected to reinvest all base management and performance fees to which it has become entitled. Representatives of our Manager have advised us that they currently remain comfortable with reinvesting fees in additional shares.

We believe that Macquarie Group's expertise and experience in the management, acquisition and funding of infrastructure businesses provide us with an advantage in pursuing our strategy. Our Manager is part of the Macquarie Funds Group, the asset management division of Macquarie globally. Macquarie-managed entities own, operate and/or

invest in a global portfolio of approximately 110 businesses including those involved with toll roads, airports and airport-related infrastructure, bulk liquid storage, ports, communications, media, electricity and gas distribution networks, water utilities, renewable energy generation, aged care, rail and ferry assets across 25 countries.

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Industry Overview

Infrastructure businesses, in general, tend to generate sustainable cash flows resulting from relatively inelastic customer demand and their strong competitive positions. Characteristics of infrastructure businesses typically include:

ownership of long-lived, high-value physical assets, concessions or long-term contracts that are difficult to replicate or substitute around;

relatively predictable maintenance capital expenditure requirements;

relatively consistent and inelastic demand for their services;

scalability, such that relatively small amounts of gross profit growth can generate significant increases in earnings before interest, taxes, depreciation and amortization, or EBITDA;

the provision of basic, often essential services; and

strong competitive positions, largely due to high barriers to entry, including:

- high initial development and construction costs;
- difficulty in obtaining suitable land on which to operate many of the businesses;
- long-term, exclusive concessions or leases and customer contracts; and
- lack of cost-effective alternatives to customers in the foreseeable future.

In addition to the benefits associated with these characteristics, the revenues generated by most of our infrastructure businesses generally are insulated to a significant degree from the negative effects of inflation and commodity price risk. Many customer contracts include built-in price escalators. Additionally, inflation and cost pass-through adjustments typically are a part of pricing terms in user pays businesses or provided for by the regulatory process to regulated businesses. We sometimes employ interest rate hedges in connection with the businesses floating rate debt to effectively fix the interest expense and hedge variability in cash flows from changes in interest rates.

At MIC, we focus on the ownership and operation of infrastructure businesses in the following categories:

those with contracted revenue such as IMTT, the revenues of which are derived from per-use or rental charges in medium-term contracts, District Energy, a majority of the revenues of which are derived from long-term contracts with businesses and governments, and MIC Solar, the revenues of which are derived from long-dated power purchase agreements;

those with regulated revenue such as the utility operations of Hawaii Gas; and

those with user pays or patronage exposure, such as Atlantic Aviation, the revenues of which are based on the number of aircraft that use the services of our fixed based operations, or FBOs.

Our Business Strategy

There are four principal components to our corporate strategy:

1. We intend to own and operate a diversified portfolio of infrastructure businesses. We generally consider the businesses we invest in as long-term investments.
2. We intend to drive performance improvement in our businesses primarily along five dimensions. Those dimensions are:

environmental, health and safety;

gross profit growth through pursuit of opportunities to increase price or volume;

expense management/reduction;

execution of growth capital projects; and

capital structure optimization, primarily through management of debt service costs and taxes.

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3. We intend to deploy the capital we have available in a prudent balance between quarterly cash dividends to our shareholders and investments in the growth of existing businesses.
When it is economically sensible to do so, we intend to grow through the acquisition of infrastructure businesses in the sub-sectors in which we currently participate, or adjacent sub-sectors that will complement and enhance our
4. existing portfolio. We have and will continue to focus on businesses within which we can identify opportunities for performance improvement, the ability to deploy growth capital at attractive rates of return and where such acquisitions would be accretive to our yield at the time.
- We have elected to treat MIC as a corporation for federal tax purposes. As a result, all investor tax reporting regarding dividends will be provided on Form 1099.

Our businesses and investments, along with the industries in which they operate and their strategies, are discussed below:

IMTT

IMTT Business Overview

We own 50% of IMTT. IMTT stores and handles petroleum products, various chemicals, renewable fuels and vegetable and animal oils. IMTT is one of the largest independent providers of bulk liquid storage terminal services in the U