

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-3
REGISTRATION STATEMENT

UNDER
THE SECURITIES ACT OF 1933

EQUINIX, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction of
Incorporation or Organization)

77-0487526
(I.R.S. Employer
Identification Number)

One Lagoon Drive
Redwood City, California 94065
(650) 598-6000

(Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal Executive Offices)

Brandi Galvin Morandi
Chief Legal Officer and Secretary
Equinix, Inc.
One Lagoon Drive
Redwood City, CA 94065
(650) 598-6000

(Name, Address, Including Zip Code, and Telephone Number, Including Area Code, of Agent For Service)

Copy to:

Alan F. Denenberg
Davis Polk & Wardwell LLP
1600 El Camino Real
Menlo Park, California 94025
(650) 752-2000

Approximate date of commencement of proposed sale to the public: From time to time after this Registration Statement becomes effective.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box. []

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box. [x]

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. []

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. []

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box. [x]

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box. []

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer [x] Accelerated filer []
Non-accelerated filer [] (Do not check if a smaller reporting company) Smaller reporting company []
Emerging growth company []

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. []

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to Be Registered	Amount to Be Registered	Proposed Maximum Offering Price Per Unit (1)	Proposed Maximum Aggregate Offering Price (1)	Amount of Registration Fee
Common Stock				
Preferred Stock				
Debt Securities	(1)	(1)	(1)	(1)
Warrants				
Purchase Contracts				
Units				

(1) An indeterminate amount of securities to be offered at indeterminate prices is being registered pursuant to this registration statement. The registrant is deferring payment of the registration fee pursuant to Rule 456(b) and is omitting this information in reliance on Rule 456(b) and Rule 457(r).

PROSPECTUS



Common Stock
Preferred Stock
Debt Securities
Warrants
Purchase Contracts
Units

We may offer from time to time common stock, preferred stock, debt securities, warrants, purchase contracts or units. We may offer and sell these securities to or through one or more underwriters, dealers and agents, or directly to purchasers, on a continuous or delayed basis. In addition, certain selling securityholders to be identified in supplements to this prospectus may offer and sell these securities from time to time. Specific amounts and terms of these securities will be provided in supplements to this prospectus. You should read this prospectus and any supplement carefully before you invest.

Investing in these securities involves certain risks. See [“Risk Factors”](#) beginning on page 3 before you make your investment decision.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved these securities, or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is November 7, 2017

TABLE OF CONTENTS

	<u>Page</u>
Equinix, Inc.	1
About this Prospectus	1
Forward-Looking Statements	1
Where You Can Find More Information	2
Incorporation by Reference	2
Risk Factors	3
Use of Proceeds	3
Ratio of Earnings to Fixed Charges	3
Description of Capital Stock	3
Description of Debt Securities	9
Description of Warrants	9
Description of Purchase Contracts	9
Description of Units	10
Forms of Securities	10
Plan of Distribution	12
Legal Matters	14
Experts	14

We have not authorized anyone to provide any information other than that contained or incorporated by reference in this prospectus or in any free writing prospectus prepared by or on behalf of us or to which we have referred you. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. We are not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information contained in or incorporated by reference in this prospectus or any prospectus supplement or in any such free writing prospectus is accurate as of any date other than their respective dates.

Unless otherwise indicated, the terms “Equinix,” the “company,” “us,” “we” and “our” refer to Equinix, Inc. and its consolidated subsidiaries, unless the context otherwise requires.

EQUINIX, INC.

Equinix, Inc. connects approximately 9,500 companies directly to their customers and partners inside the world's most interconnected data centers. Today, businesses leverage the Equinix interconnection platform in 48 strategic markets across the Americas, Asia-Pacific, and Europe, Middle East and Africa (EMEA). Equinix operates as a real estate investment trust for federal income tax purposes ("REIT").

Our principal executive offices are located at One Lagoon Drive, Redwood City, CA 94065 and our telephone number is (650)598-6000. Our website is located at www.equinix.com. Information contained on or accessible through our website is not part of this prospectus.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the SEC utilizing a "shelf" registration process. Under this shelf process, we or the selling securityholders may sell any combination of the securities described in this prospectus in one or more offerings. This prospectus provides you with a general description of the securities we or the selling securityholders may offer. Each time we or the selling securityholders sell securities pursuant to the registration statement of which this prospectus forms a part, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. You should read both this prospectus and any prospectus supplement together with additional information described under the heading "Where You Can Find More Information."

FORWARD-LOOKING STATEMENTS

This prospectus, any prospectus supplement and the documents incorporated by reference herein or therein contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements contained in this prospectus or any prospectus supplement or incorporated by reference herein or therein are based upon current expectations that involve risks and uncertainties. Any statements contained in this prospectus or any prospectus supplement or incorporated by reference herein or therein that are not statements of historical fact may be deemed to be forward-looking statements. For example, the words "believes," "anticipates," "plans," "expects," "intends" and similar expressions are intended to identify forward-looking statements. Our actual results and the timing of certain events may differ significantly from the results discussed in the forward-looking statements. Factors that might cause such a discrepancy include, but are not limited to, those discussed in the "Risk Factors" section, in addition to the other information set forth in this prospectus or any prospectus supplement or incorporated by reference herein or therein. We claim the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995 for all forward-looking statements. All forward-looking statements contained in this prospectus or any prospectus supplement or incorporated by reference herein or therein are based on information available to us as of their respective dates and we assume no obligation to update any such forward-looking statements. Our actual results could differ materially from those anticipated in these forward-looking statements as a result of certain factors, including, but not limited to, those set forth under "Risk Factors" in this prospectus, our Annual Report on Form 10-K for the year ended December 31, 2016 and our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2017, June 30, 2017 and September 30, 2017. You should carefully consider the risks described in the "Risk Factors" section, in addition to the other information set forth in this prospectus or any prospectus supplement or incorporated by reference herein or therein, before making an investment decision.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. You may read and copy any document that we file at the Public Reference Room of the SEC at 100 F Street, N.E., Washington, D.C. 20549. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. In addition, the SEC maintains an Internet site at www.sec.gov, from which interested persons can electronically access our SEC filings, including the registration statement and the exhibits and schedules thereto. Other information about us is also on our website at www.equinix.com. However, except for the information specifically incorporated by reference herein as set forth below, the information on or accessible through the SEC's website and the information on or accessible through our website do not constitute a part of this prospectus.

INCORPORATION BY REFERENCE

The SEC allows us to "incorporate by reference" the information we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is an important part of this prospectus, and information that we file later with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and all documents subsequently filed with the SEC pursuant to Section 13(a), 13(e), 14 or 15(d) of the Securities Exchange Act of 1934, as amended, prior to the termination of the offering under this prospectus:

- Current Reports on Form 8-K filed on January 9, 2017, February 22, 2017, March 2, 2017, March 14, 2017, March 22, 2017, May 1, 2017, June 2, 2017, June 12, 2017, July 19, 2017, August 3, 2017, August 4, 2017, August 16, 2017, September 11, 2017 and September 20, 2017 and our Current Reports on Form 8-K/A filed on March 7, 2017 and November 7, 2017;
- Quarterly Reports on Form 10-Q for the quarters ended March 31, 2017, June 30, 2017 and September 30, 2017;
- Annual Report on Form 10-K for the year ended December 31, 2016, including portions of our Definitive Proxy Statement on Schedule 14A filed on April 21, 2017, to the extent specifically incorporated by reference into such Annual Report on Form 10-K; and
- The description of our outstanding Common Stock contained in our Registration Statement No. 000-31293 on Form 8-A filed with the SEC on August 9, 2000, pursuant to Section 12 of the Securities Exchange Act of 1934, as amended, including any amendment or report filed for the purpose of updating such description.

We are not, however, incorporating by reference any documents or portions thereof, whether specifically listed above or filed in the future, that are not deemed "filed" with the SEC, including any information furnished pursuant to Items 2.02 or 7.01 of Form 8-K or certain exhibits furnished pursuant to Item 9.01 of Form 8-K.

You may request, and we will provide you with, a copy of these filings, at no cost, by calling us at (650)98-6000 or by writing to us at the following address:

Equinix, Inc.
One Lagoon Drive
Redwood City, CA 94065
Attn: Investor Relations

RISK FACTORS

An investment in our securities involves significant risks. Before purchasing any securities, you should carefully consider and evaluate all of the information included and incorporated by reference or deemed to be incorporated by reference in this prospectus or the applicable prospectus supplement, including the risk factors incorporated by reference herein from our Annual Report on Form 10-K for the year ended December 31, 2016, as updated by annual, quarterly and other reports and documents we file with the SEC after the date of this prospectus and that are incorporated by reference herein or in the applicable prospectus supplement. Our business, results of operations or financial condition could be adversely affected by any of these risks or by additional risks and uncertainties not currently known to us or that we currently consider immaterial.

USE OF PROCEEDS

Unless otherwise indicated in a prospectus supplement, the net proceeds from the sale of the securities will be used for general corporate purposes, including working capital, acquisitions, retirement of debt and other business opportunities.

RATIO OF EARNINGS TO FIXED CHARGES

The following table sets forth our consolidated ratio of earnings to fixed charges:

	Nine Months	Years Ended				
	Ended	December 31,	December 31,	December 31,	December 31,	December 31,
	September 30,	2016	2015	2014	2013	2012
	2017					
Ratio of earnings to fixed charges	1.4x	1.3x	1.6x	1.2x	1.4x	1.6x

In calculating the ratio of earnings to fixed charges, earnings consist of net income (loss) from continuing operations before income tax expense and fixed charges. Fixed charges consist of interest expense, including such portion of rental expense that was attributed to interest, and amortization of capitalized interest. The portion of rent expense that was attributed to interest represents a reasonable approximation of the interest factor. We have not included a ratio of earnings to combined fixed charges and preferred stock dividends because we do not have any preferred stock outstanding as of the date of this prospectus.

DESCRIPTION OF CAPITAL STOCK

The following summary of the terms of our capital stock is not meant to be complete and is qualified by reference to the relevant provisions of the Delaware General Corporation Law (the "DGCL") and our amended and restated certificate of incorporation (our "certificate of incorporation") and our amended and restated bylaws (our "bylaws"). Our certificate of incorporation and bylaws are incorporated by reference as exhibits to the registration statement of which this prospectus forms a part. See "Where You Can Find More Information" above.

Authorized Capital Stock

Under our certificate of incorporation, our authorized capital stock consists of 300,000,000 shares of common stock, par value \$0.001 per share, and 100,000,000 shares of preferred stock, \$0.001 par value per share. At September 30, 2017, there were issued and outstanding:

- 78,233,670 shares of our common stock (not counting shares held in treasury);

Table of Contents

- employee restricted stock units for an aggregate of 1,318,587 shares of our common stock;
- employee stock options to purchase an aggregate of 6,896 shares of our common stock; and
- zero shares of our preferred stock.

Common Stock

The holders of our common stock are entitled to one vote per share on all matters to be voted on by the stockholders. Subject to preferences that may be applicable to any outstanding preferred stock, the holders of common stock are entitled to receive ratably such dividends, if any, as may be declared from time to time by the board of directors out of funds legally available for the payment of dividends. All dividends are non-cumulative. In the event of the liquidation, dissolution or winding up of Equinix, the holders of common stock are entitled to share ratably in all assets remaining after payment of liabilities, subject to prior distribution rights of preferred stock, if any, then outstanding. Our common stock has no preemptive or conversion rights or other subscription rights. There are no redemption or sinking fund provisions applicable to the common stock. All outstanding shares of our common stock are fully paid and nonassessable.

Our common stock is listed on the NASDAQ Global Select Market under the symbol "EQIX."

Preferred Stock

Preferred stock may be issued from time to time in one or more series, each of which is to have the voting powers, designation, preferences and relative, participating, optional or other special rights and qualifications, limitations or restrictions thereof as are stated and expressed in our certificate of incorporation, or in a resolution or resolutions providing for the issue of that series adopted by our board of directors.

Our board of directors has the authority, without stockholder approval, to create one or more series of preferred stock and, with respect to each series, to fix or alter as permitted by law, among other things, the number of shares of the series and the designation thereof, dividend rights, dividend rate, conversion rights, voting rights, rights and terms of any redemption, redemption price or prices and liquidation preferences.

When we or the selling securityholders offer to sell a particular series of preferred stock, we will describe the specific terms of the securities in a supplement to this prospectus. The preferred stock will be issued under a certificate of designations relating to each series of preferred stock and is also subject to our certificate of incorporation.

The transfer agent for each series of preferred stock will be described in the prospectus supplement.

Restrictions on Ownership and Transfer

To facilitate compliance with the ownership limitations applicable to a REIT under the Internal Revenue Code of 1986, as amended (the "Code"), our certificate of incorporation contains restrictions on the ownership and transfer of our capital stock.

These ownership and transfer restrictions could delay, defer or prevent a transaction or a change in control that might involve a premium price for our common stock or that our stockholders might otherwise deem to be in their best interests.

For us to qualify for taxation as a REIT under the Code, our capital stock must be beneficially owned by 100 or more persons during at least 335 days of a taxable year of 12 months or during a proportionate part of a shorter taxable year. Also, not more than 50% of the value of the outstanding shares of our capital stock may be owned, directly or indirectly, by five or fewer "individuals" (as defined in the Code to include certain entities such as

Table of Contents

private foundations) during the last half of a taxable year. To facilitate compliance with these ownership requirements and other requirements for continued qualification as a REIT and to otherwise protect us from the consequences of a concentration of ownership among our stockholders, our certificate of incorporation contains provisions restricting the ownership or transfer of shares of capital stock.

The relevant sections of our certificate of incorporation provide that, subject to the exceptions and the constructive ownership rules described below, no person (as defined in our certificate of incorporation) may beneficially or constructively own more than 9.8% in value of the aggregate of outstanding shares of capital stock, including common stock and preferred stock, or more than 9.8% in value or number (whichever is more restrictive) of the outstanding shares of any class or series of capital stock. We refer to these restrictions as the “ownership limits.”

The applicable constructive ownership rules under the Code are complex and may cause capital stock owned actually or constructively by an individual or entity to be treated as owned by another individual or entity. As a result, the acquisition of less than 9.8% in value of outstanding capital stock or less than 9.8% in value or number of outstanding shares of any class or series of capital stock (including through the acquisition of an interest in an entity that owns, actually or constructively, any class or series of capital stock) by an individual or entity could nevertheless cause that individual or entity, or another individual or entity, to own, constructively or beneficially, in excess of 9.8% in value of outstanding capital stock or 9.8% in value or number of outstanding shares of any class or series of capital stock.

In addition to the ownership limits, our certificate of incorporation prohibits any person from actually or constructively owning shares of capital stock to the extent that such ownership would cause any of our income that would otherwise qualify as “rents from real property” for purposes of Section 856(d) of the Code to fail to qualify as such.

Our board of directors has in the past granted ownership limitation waivers and may, in its sole discretion, in the future grant such a waiver to a person exempting them from the ownership limits and certain other REIT limits on ownership and transfer of capital stock described above, and may establish a different limit on ownership for any such person. However, our board of directors may not exempt any person whose ownership of outstanding capital stock in violation of these limits would result in our failing to qualify as a REIT. In order to be considered by our board of directors for an ownership limitation waiver or a different limit on ownership, a person must make such representations and undertakings as are reasonably necessary to ascertain that such person’s beneficial or constructive ownership of capital stock will not now or in the future jeopardize our ability to qualify as a REIT under the Code and must generally agree that any violation or attempted violation of such representations or undertakings (or other action that is contrary to the ownership limits and certain other REIT limits on ownership and transfer of capital stock described above) will result in the shares of capital stock being automatically transferred to a trust as described below. As a condition of its waiver, our board of directors may require an opinion of counsel or Internal Revenue Service ruling satisfactory to our board of directors with respect to our qualification as a REIT and may impose such other conditions as it deems appropriate in connection with the granting of the waiver or a different limit on ownership.

In connection with the waiver of the ownership limits or at any other time, our board of directors may from time to time increase the ownership limits for one or more persons and decrease the ownership limits for all other persons; provided that the new ownership limits may not, after giving effect to such increase and under certain assumptions stated in our certificate of incorporation, result in us being “closely held” within the meaning of Section 856(h) of the Code (without regard to whether the ownership interests are held during the last half of a taxable year). Reduced ownership limits will not apply to any person whose percentage ownership of total shares of capital stock or of the shares of a class or series of capital stock, as applicable, is in excess of such decreased ownership limits until such time as such person’s percentage of total shares of capital stock or of the shares of a class or series of capital stock, as applicable, equals or falls below the decreased ownership limits, but any further acquisition of capital stock in excess of such percentage will be in violation of the ownership limits.

Table of Contents

Our certificate of incorporation further prohibits:

- any person from transferring shares of capital stock if such transfer would result in shares of capital stock being beneficially owned by fewer than 100 persons (determined without reference to any rules of attribution); and
- any person from beneficially or constructively owning shares of capital stock if such ownership would result in our failing to qualify as a REIT.

The foregoing provisions on transferability and ownership will not apply if our board of directors determines that it is no longer in our best interests to attempt to qualify, or to continue to qualify, as a REIT.

Any person who acquires or attempts or intends to acquire beneficial or constructive ownership of shares of capital stock that will or may violate the ownership limits or any of the other foregoing restrictions on transferability and ownership will be required to give notice to us immediately (or, in the case of a proposed or attempted transaction, at least 15 days prior to such transaction) and provide us with such other information as we may request in order to determine the effect, if any, of such transfer on our qualification as a REIT.

Pursuant to our certificate of incorporation, if there is any purported transfer of our capital stock or other event or change of circumstances that, if effective or otherwise, would violate any of the restrictions described above, then the number of shares causing the violation (rounded up to the nearest whole share) will be automatically transferred to a trust for the exclusive benefit of a designated charitable beneficiary, except that any transfer that results in the violation of the restriction relating to our capital stock being beneficially owned by fewer than 100 persons will be automatically void and of no force or effect. The automatic transfer will be effective as of the close of business on the business day prior to the date of the purported transfer or other event or change of circumstances that requires the transfer to the trust. We refer below to the person that would have owned the shares if they had not been transferred to the trust as the purported transferee. Any ordinary dividend paid to the purported transferee, prior to our discovery that the shares had been automatically transferred to a trust as described above, must be repaid to a trustee designated in accordance with the certificate of incorporation upon demand. Our certificate of incorporation also provides for adjustments to the entitlement to receive extraordinary dividends and other distributions as between the purported transferee and the trust. If the transfer to the trust as described above is not automatically effective, for any reason, to prevent violation of the applicable restriction contained in our certificate of incorporation, then the transfer of the excess shares will be automatically void and of no force or effect.

Shares of our capital stock transferred to the trustee are deemed to be offered for sale to us or our designee at a price per share equal to the lesser of (i) the price per share in the transaction that resulted in such transfer to the trust or, if the purported transferee did not give value for the shares in connection with the event causing the shares to be held in trust (e.g., in the case of a gift, devise or other such transaction), the market price at the time of such event and (ii) the market price on the date we accept, or our designee accepts, such offer. We have the right to accept such offer until the trustee has sold the shares of our capital stock held in the trust pursuant to the clauses described below. Upon a sale to us, the interest of the charitable beneficiary in the shares sold terminates and the trustee must distribute the net proceeds of the sale to the purported transferee, except that the trustee may reduce the amount payable to the purported transferee by the amount of any ordinary dividends that we paid to the purported transferee prior to our discovery that the shares had been transferred to the trust and that is owed by the purported transferee to the trustee as described above. Any net sales proceeds and extraordinary dividends in excess of the amount payable to the purported transferee shall be immediately paid to the charitable beneficiary, and any ordinary dividends held by the trustee with respect to such capital stock will be promptly paid to the charitable beneficiary.

If we do not buy the shares, the trustee must, as soon as reasonably practicable (and, if the shares are listed on a national securities exchange, within 20 days) after receiving notice from us of the transfer of shares to the trust, sell the shares to a person or entity who could own the shares without violating the restrictions described above. Upon such a sale, the trustee must distribute to the purported transferee an amount equal to the lesser of (i) the

Table of Contents

price paid by the purported transferee for the shares or, if the purported transferee did not give value for the shares in connection with the event causing the shares to be held in trust (e.g., in the case of a gift, devise or other such transaction), the market price of the shares on the day of the event causing the shares to be held in the trust, and (ii) the sales proceeds (net of commissions and other expenses of sale) received by the trustee for the shares. The trustee may reduce the amount payable to the purported transferee by the amount of any ordinary dividends that we paid to the purported transferee before our discovery that the shares had been transferred to the trust and that is owed by the purported transferee to the trustee as described above. Any net sales proceeds in excess of the amount payable to the purported transferee will be immediately paid to the charitable beneficiary, together with any ordinary dividends held by the trustee with respect to such capital stock. In addition, if prior to discovery by us that shares of our capital stock have been transferred to a trust, such shares of capital stock are sold by a purported transferee, then such shares will be deemed to have been sold on behalf of the trust and, to the extent that the purported transferee received an amount for or in respect of such shares that exceeds the amount that such purported transferee was entitled to receive as described above, such excess amount shall be paid to the trustee upon demand. The purported transferee has no rights in the shares held by the trustee.

The trustee will be indemnified by us or from the proceeds of sales of capital stock in the trust for its costs and expenses reasonably incurred in connection with conducting its duties and satisfying its obligations under our certificate of incorporation. The trustee will also be entitled to reasonable compensation for services provided as determined by agreement between the trustee and the board of directors, which compensation may be funded by us or the trust. If we pay any such indemnification or compensation, we are entitled on a first priority basis (subject to the trustee's indemnification and compensation rights) to be reimbursed from the trust. To the extent the trust funds any such indemnification and compensation, the amounts available for payment to a purported transferee (or the charitable beneficiary) would be reduced.

The trustee will be designated by us and must be unaffiliated with us and with any purported transferee. Prior to the sale of any shares by the trust, the trustee will receive, in trust for the beneficiary, all distributions paid by us with respect to the shares, and may also exercise all voting rights with respect to the shares.

Subject to the DGCL, effective as of the date that the shares have been transferred to the trust, the trustee will have the authority, at the trustee's sole discretion:

- to rescind as void any vote cast by a purported transferee prior to our discovery that the shares have been transferred to the trust; and
- to recast the vote in accordance with the desires of the trustee acting for the benefit of the charitable beneficiary of the trust.

However, if we have already taken corporate action, then the trustee may not rescind and recast the vote.

In addition, if the board of directors determines that a proposed or purported transfer would violate the restrictions on ownership and transfer of our capital stock set forth in our certificate of incorporation, the board of directors may take such action as it deems advisable to refuse to give effect to or to prevent such violation, including but not limited to, causing us to repurchase shares of our capital stock, refusing to give effect to the transfer on our books or instituting proceedings to enjoin the transfer.

From time to time, at our request, every person that is an owner of 5% or more (or such lower percentage as required by the Code or the Treasury regulations thereunder) of the outstanding shares of any class or series of our capital stock, must provide us written notice of its name and address, the number of shares of each class and series of our capital stock that the person beneficially owns and a description of the manner in which the shares are held. Each such owner must also provide us with such additional information as we may request in order to determine the effect, if any, of such owner's beneficial ownership on our qualification as a REIT and to ensure compliance with the ownership limits. In addition, each beneficial owner or constructive owner of our capital stock, and any person (including the stockholder of record) who is holding shares of our capital stock for a beneficial owner or constructive owner will, upon demand, be required to provide us with such information as we

Table of Contents

may request in good faith in order to determine our qualification as a REIT and to comply with the requirements of any taxing authority or governmental authority or to determine such compliance.

Anti-Takeover Effects of Provisions of Our Certificate of Incorporation, Bylaws and Delaware law

Provisions of our certificate of incorporation and bylaws may delay or discourage transactions involving an actual or potential change in control or change in our management, including transactions in which stockholders might otherwise receive a premium for their shares, or transactions that our stockholders might otherwise deem to be in their best interests. Therefore, these provisions could adversely affect the price of our common stock.

Among other things, our certificate of incorporation and bylaws:

- permit our board of directors to issue up to 100,000,000 shares of preferred stock, with any rights, preferences and privileges as they may designate;
- provide that, subject to the terms of any series of preferred stock, the authorized number of directors may be changed only by resolution of the board of directors;
- provide that, subject to the terms of any series of preferred stock, all vacancies, including newly created directorships, may, except as otherwise required by law, be filled by the affirmative vote of a majority of directors then in office, even if less than a quorum;
- eliminate the personal liability of our directors for monetary damages resulting from breaches of their fiduciary duty to the extent permitted by the DGCL and indemnify our directors and officers to the fullest extent permitted by the DGCL;
- provide that stockholders seeking to present proposals before a meeting of stockholders or to nominate candidates for election as directors at a meeting of stockholders must provide notice in writing in a timely manner, and also specify requirements as to the form and content of a stockholder's notice;
- do not provide for cumulative voting rights, therefore allowing the holders of a majority of the shares of common stock entitled to vote in any election of directors to elect all of the directors standing for election, if they should so choose;
- provide that, subject to exceptions, certain waivers we may grant and constructive ownership rules, no person may own, or be deemed to own by virtue of the attribution provisions of the Code, in excess of (i) 9.8% in value of the outstanding shares of all classes or series of Equinix stock or (ii) 9.8% in value or number (whichever is more restrictive) of the outstanding shares of any class or series of Equinix stock (as described above in "Restrictions on Ownership and Transfer");
- provide that our bylaws can be amended or repealed at any regular or special meeting of stockholders or by the board of directors;
- permit stockholders to act by written consent so long as stockholders holding at least 25% of the voting power of the outstanding capital stock request that the board of directors set a record date for the action by written consent, and in connection with such a request for the establishment of a record date, provide certain information, make certain representations and comply with certain requirements relating to the proposed action and their ownership of our stock; and
- provide that special meetings of our stockholders may be called in limited circumstances. Special meetings of stockholders may be called by our board of directors or the chairman of the board of directors, the President or the Secretary and may not be called by any other person. A special meeting of stockholders shall be called by our Secretary at the written request of holders of record of at least 25% of the voting power of our outstanding capital stock entitled to vote on the matters to be brought before the proposed special meeting.

Delaware Takeover Statute. We are subject to Section 203 of the DGCL, which regulates corporate acquisitions. DGCL Section 203 restricts the ability of certain Delaware corporations, including those whose securities are

Table of Contents

listed on the NASDAQ Global Select Market, from engaging under certain circumstances in a business combination with any interested stockholder for three years following the date that such stockholder became an interested stockholder. For purposes of DGCL Section 203, a business combination includes, among other things, a merger or consolidation involving us and the interested stockholder and the sale of 10% or more of our assets. In general, DGCL Section 203 defines an interested stockholder as any entity or person beneficially owning 15% or more of our outstanding voting stock and any entity or person affiliated with or controlling or controlled by such entity or person. A Delaware corporation may opt out of DGCL Section 203 with an express provision in its original certificate of incorporation or an express provision in its certificate of incorporation or bylaws resulting from amendments approved by the holders of at least a majority of the corporation's outstanding voting shares. We have not opted out of the provisions of DGCL Section 203 in our certificate of incorporation or bylaws.

Forum Selection

Our bylaws include a forum selection provision providing that, unless the Company consents in writing, a state court located in the State of Delaware (or, if no state court located within the State of Delaware has jurisdiction, the federal district court for the District of Delaware) will be the sole and exclusive forum for any stockholder to bring any derivative action, any action asserting a claim of breach of fiduciary duties, any action asserting a claim arising from a provision of the Delaware General Corporation Law or the certificate of incorporation or our bylaws or any action asserting a claim governed by the internal affairs doctrine.

Transfer Agent and Registrar

The transfer agent and registrar for the shares of our common stock is Computershare Trust Company, N.A.

DESCRIPTION OF DEBT SECURITIES

Any debt securities we may issue will constitute either senior or subordinated debt of Equinix. Any debt securities that are sold may be exchangeable for and/or convertible into common stock or any of the other securities that may be sold under this prospectus. Any debt securities will be issued under an indenture between us and U.S. Bank National Association, as trustee, or one or more separate indentures between us and a designated trustee. We will include in a prospectus supplement the specific terms of each series of senior or subordinated debt securities being offered, including the terms, if any, on which a series of senior or subordinated debt securities may be convertible into or exchangeable for other securities. In addition, the material terms of any indenture, which will govern the rights of the holders of our senior or subordinated debt securities, will be set forth in the applicable prospectus supplement.

DESCRIPTION OF WARRANTS

We may issue warrants to purchase our debt or equity securities or securities of third parties or other rights, including rights to receive payment in cash or securities based on the value, rate or price of one or more specified commodities, currencies, securities or indices, or any combination of the foregoing. Warrants may be issued independently or together with any other securities and may be attached to, or separate from, such securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and a warrant agent. The terms of any warrants to be issued and a description of the material provisions of the applicable warrant agreement will be set forth in the applicable prospectus supplement.

DESCRIPTION OF PURCHASE CONTRACTS

We may issue purchase contracts for the purchase or sale of:

- debt or equity securities issued by us or securities of third parties, a basket of such securities, an index or indices of such securities or any combination of the above as specified in the applicable prospectus supplement;

Table of Contents

- currencies; or
- commodities.

Each purchase contract will entitle the holder thereof to purchase or sell, and obligate us to sell or purchase, on specified dates, such securities, currencies or commodities at a specified purchase price, which may be based on a formula, all as set forth in the applicable prospectus supplement. We may, however, satisfy our obligations, if any, with respect to any purchase contract by delivering the cash value of such purchase contract or the cash value of the property otherwise deliverable or, in the case of purchase contracts on underlying currencies, by delivering the underlying currencies, as set forth in the applicable prospectus supplement. The applicable prospectus supplement will also specify the methods by which the holders may purchase or sell such securities, currencies or commodities and any acceleration, cancellation or termination provisions or other provisions relating to the settlement of a purchase contract.

Any purchase contracts we may issue may require us to make periodic payments to the holders thereof or vice versa, which payments may be deferred to the extent set forth in the applicable prospectus supplement, and those payments may be unsecured or prefunded on some basis. The purchase contracts may require the holders thereof to secure their obligations in a specified manner to be described in the applicable prospectus supplement. Alternatively, purchase contracts may require holders to satisfy their obligations thereunder when the purchase contracts are issued. Our obligation to settle such pre-paid purchase contracts on the relevant settlement date may constitute indebtedness. Accordingly, pre-paid purchase contracts will be issued under an indenture.

DESCRIPTION OF UNITS

As specified in the applicable prospectus supplement, we may issue units consisting of one or more purchase contracts, warrants, debt securities, shares of preferred stock, shares of common stock or any combination of such securities.

FORMS OF SECURITIES

Each debt security, warrant and unit will be represented either by a certificate issued in definitive form to a particular investor or by one or more global securities representing the entire issuance of securities. Certificated securities will be issued in definitive form and global securities will be issued in registered form. Definitive securities name you or your nominee as the owner of the security, and in order to transfer or exchange these securities or to receive payments other than interest or other interim payments, you or your nominee must physically deliver the securities to the trustee, registrar, paying agent or other agent, as applicable. Global securities name a depositary or its nominee as the owner of the debt securities, warrants or units represented by these global securities. The depositary maintains a computerized system that will reflect each investor's beneficial ownership of the securities through an account maintained by the investor with its broker/dealer, bank, trust company or other representative, as we explain more fully below.

Global Securities

Registered Global Securities. We may issue the registered debt securities, warrants and units in the form of one or more fully registered global securities that will be deposited with a depositary or its nominee identified in the applicable prospectus supplement and registered in the name of that depositary or nominee. In those cases, one or more registered global securities will be issued in a denomination or aggregate denominations equal to the portion of the aggregate principal or face amount of the securities to be represented by registered global securities. Unless and until it is exchanged in whole for securities in definitive registered form, a registered global security may not be transferred except as a whole by and among the depositary for the registered global security, the nominees of the depositary or any successors of the depositary or those nominees.

Table of Contents

If not described below, any specific terms of the depositary arrangement with respect to any securities to be represented by a registered global security will be described in the prospectus supplement relating to those securities. We anticipate that the following provisions will apply to all depositary arrangements.

Ownership of beneficial interests in a registered global security will be limited to persons, called participants, that have accounts with the depositary or persons that may hold interests through participants. Upon the issuance of a registered global security, the depositary will credit, on its book-entry registration and transfer system, the participants' accounts with the respective principal or face amounts of the securities beneficially owned by the participants. Any dealers, underwriters or agents participating in the distribution of the securities will designate the accounts to be credited. Ownership of beneficial interests in a registered global security will be shown on, and the transfer of ownership interests will be effected only through, records maintained by the depositary, with respect to interests of participants, and on the records of participants, with respect to interests of persons holding through participants. The laws of some states may require that some purchasers of securities take physical delivery of these securities in definitive form. These laws may impair your ability to own, transfer or pledge beneficial interests in registered global securities.

So long as the depositary, or its nominee, is the registered owner of a registered global security, that depositary or its nominee, as the case may be, will be considered the sole owner or holder of the securities represented by the registered global security for all purposes under the applicable indenture, warrant agreement, guaranteed trust preferred security or unit agreement. Except as described below, owners of beneficial interests in a registered global security will not be entitled to have the securities represented by the registered global security registered in their names, will not receive or be entitled to receive physical delivery of the securities in definitive form and will not be considered the owners or holders of the securities under the applicable indenture, warrant agreement, guaranteed trust preferred security or unit agreement. Accordingly, each person owning a beneficial interest in a registered global security must rely on the procedures of the depositary for that registered global security and, if that person is not a participant, on the procedures of the participant through which the person owns its interest, to exercise any rights of a holder under the applicable indenture, warrant agreement, guaranteed trust preferred security or unit agreement. We understand that under existing industry practices, if we request any action of holders or if an owner of a beneficial interest in a registered global security desires to give or take any action that a holder is entitled to give or take under the applicable indenture, warrant agreement, guaranteed trust preferred security or unit agreement, the depositary for the registered global security would authorize the participants holding the relevant beneficial interests to give or take that action, and the participants would authorize beneficial owners owning through them to give or take that action or would otherwise act upon the instructions of beneficial owners holding through them.

Principal, premium, if any, and interest payments on debt securities, and any payments to holders with respect to warrants, guaranteed trust preferred securities or units, represented by a registered global security registered in the name of a depositary or its nominee, will be made to the depositary or its nominee, as the case may be, as the registered owner of the registered global security. None of Equinix, the trustees, the warrant agents, the unit agents or any other agent of Equinix, agent of the trustees or agent of the warrant agents or unit agents will have any responsibility or liability for any aspect of the records relating to payments made on account of beneficial ownership interests in the registered global security or for maintaining, supervising or reviewing any records relating to those beneficial ownership interests.

We expect that the depositary for any of the securities represented by a registered global security, upon receipt of any payment of principal, premium, interest or other distribution of underlying securities or other property to holders on that registered global security, will immediately credit participants' accounts in amounts proportionate to their respective beneficial interests in that registered global security as shown on the records of the depositary. We also expect that payments by participants to owners of beneficial interests in a registered global security held through participants will be governed by standing customer instructions and customary practices, as is now the case with the securities held for the accounts of customers in bearer form or registered in "street name," and will be the responsibility of those participants.

Table of Contents

If the depository for any of these securities represented by a registered global security is at any time unwilling or unable to continue as depository or ceases to be a clearing agency registered under the Securities Exchange Act of 1934, as amended, and a successor depository registered as a clearing agency under the Securities Exchange Act of 1934, as amended, is not appointed by us within 120 days, we will issue securities in definitive form in exchange for the registered global security that had been held by the depository. Any securities issued in definitive form in exchange for a registered global security will be registered in the name or names that the depository gives to the relevant trustee, warrant agent, unit agent or other relevant agent of ours or theirs. It is expected that the depository's instructions will be based upon directions received by the depository from participants with respect to ownership of beneficial interests in the registered global security that had been held by the depository.

PLAN OF DISTRIBUTION

Equinix and/or the selling securityholders, if applicable, may sell the securities in one or more of the following ways (or in any combination) from time to time:

- to or through underwriters or dealers;
- in short or long transactions;
- directly to a limited number of purchasers or to a single purchaser;
- through agents; or
- through a combination of any of these methods of sale.

The prospectus supplement will state the terms of the offering of the securities, including:

- the name or names of any underwriters, dealers or agents;
- the purchase price of such securities and the proceeds to be received by Equinix, if any;
- any underwriting discounts or agency fees and other items constituting underwriters' or agents' compensation;
- details regarding over-allotment options under which underwriters may purchase additional securities from us, if any;
- any public offering price;
- any discounts or concessions allowed or reallocated or paid to dealers; and
- any securities exchanges on which the securities may be listed.

Any public offering price and any discounts or concessions allowed or reallocated or paid to dealers may be changed from time to time.

If Equinix and/or the selling securityholders, if applicable, use underwriters in the sale, the securities will be acquired by the underwriters for their own account and may be resold from time to time in one or more transactions, including:

- negotiated transactions;
- at a fixed public offering price or prices, which may be changed;
- "at the market offerings," within the meaning of Rule 415(a)(4) of the Securities Act, to or through a market maker or into an existing trading market, on an exchange or otherwise;
- at prices related to prevailing market prices; or
- at negotiated prices.

Table of Contents

Unless otherwise stated in a prospectus supplement, the obligations of the underwriters to purchase any securities will be conditioned on customary closing conditions and the underwriters will be obligated to purchase all of such series of securities, if any are purchased.

Equinix and/or the selling securityholders, if applicable, may sell the securities through agents from time to time. The prospectus supplement will name any agent involved in the offer or sale of the securities and any commissions we pay to them. Generally, any agent will be acting on a best-efforts basis for the period of its appointment.

Equinix and/or the selling securityholders, if applicable, may authorize underwriters, dealers or agents to solicit offers by certain purchasers to purchase the securities from Equinix at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. The contracts will be subject only to those conditions set forth in the prospectus supplement, and the prospectus supplement will set forth any commissions we pay for solicitation of these contracts.

Underwriters and agents may be entitled under agreements entered into with Equinix and/or the selling securityholders, if applicable, to indemnification by Equinix and/or the selling securityholders, if applicable, against certain civil liabilities, including liabilities under the Securities Act of 1933, as amended, or to contribution with respect to payments which the underwriters or agents may be required to make. Underwriters and agents may be customers of, engage in transactions with, or perform services for Equinix and its affiliates in the ordinary course of business.

Each series of securities other than the common stock, which is listed on The NASDAQ Global Select Market, and any series of debt securities outstanding on the date hereof, will be a new issue of securities and will have no established trading market. Any underwriters to whom securities are sold for public offering and sale may make a market in the securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. The securities, other than the common stock, may or may not be listed on a national securities exchange.

LEGAL MATTERS

Unless otherwise indicated in the applicable prospectus supplement, the legality of any securities offered hereby will be passed upon for us by Davis Polk & Wardwell LLP, Menlo Park, California, and for any underwriters or agents, by counsel named in the applicable prospectus supplement. Certain tax matters will be passed upon for us by Sullivan & Worcester LLP, Boston, Massachusetts.

EXPERTS

The financial statements incorporated in this Prospectus by reference to Equinix, Inc.'s Current Report on Form 8-K dated August 3, 2017 and management's assessment of the effectiveness of internal control over financial reporting (which is included in Management's Report on Internal Control over Financial Reporting) incorporated in the Prospectus by reference to the Annual Report on Form 10-K of Equinix, Inc. for the year ended December 31, 2016 have been so incorporated in reliance on the report of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

The audited historical consolidated financial statements of Telecity Group Limited (formerly Telecity Group plc) as of December 31, 2015 and 2014 and for each of the three years ended December 31, 2015 included as Exhibit 99.2 of Equinix, Inc.'s Current Report on Form 8-K/A dated March 7, 2017 have been so incorporated in reliance on the report of PricewaterhouseCoopers LLP, independent accountants, given on the authority of said firm as experts in auditing and accounting.

The abbreviated financial statements of Verizon Communications Inc.'s ("Verizon") Selected Sites of Verizon's Colocation and Data Center Interconnect Operations ("Group"), which comprise the Statements of Assets Acquired and Liabilities Assumed as of December 31, 2016 and 2015 and the related Statements of Net Revenues and Direct Expenses for each of the three years in the period ended December 31, 2016 ("Abbreviated Statements") appearing in Equinix, Inc.'s Current Report on Form 8-K/A dated March 7, 2017 have been audited by Ernst & Young LLP, independent certified public accountants, as set forth in their report thereon, included therein, and incorporated herein by reference. Such Abbreviated Statements are incorporated herein by reference in reliance upon such report given on the authority of such firm as experts in accounting and auditing.



EQUINIX

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. *Other Expenses of Issuance and Distribution*

The following table sets forth the costs and expenses payable by the Registrant in connection with the sale of the securities being registered hereby.

	Amount to Be Paid
Registration fee	\$ *
Printing	**
Legal fees and expenses (including Blue Sky fees)	**
Transfer agent and trustee fees	**
Rating agency fees	**
Accounting fees and expenses	**
Miscellaneous	**
Total	\$ **

* Omitted because the registration fee is being deferred pursuant to Rule 456(b).

** Not presently known.

Item 15. *Indemnification of Directors and Officers*

Section 145 of the Delaware General Corporation Law authorizes a court to award or a corporation's board of directors to grant indemnification to directors and officers in terms sufficiently broad to permit such indemnification under certain circumstances for liabilities (including reimbursement for expenses incurred) arising under the Securities Act of 1933, as amended. Article VI of the Registrant's bylaws provides for mandatory indemnification of its directors and officers and those serving at the Registrant's request as directors, officers, employees or agents of other organizations to the maximum extent permitted by the Delaware General Corporation Law. The Registrant's certificate of incorporation provides that, pursuant to Delaware law, its directors shall not be liable for monetary damages for breach of the directors' fiduciary duty as directors to the Registrant and its stockholders. This provision in the certificate of incorporation does not eliminate the directors' fiduciary duty, and in appropriate circumstances equitable remedies such as injunctive or other forms of non-monetary relief will remain available under Delaware law. In addition, each director will continue to be subject to liability for breach of the director's duty of loyalty to the Registrant for acts or omissions not in good faith or involving intentional misconduct or knowing violations of law, for actions leading to improper personal benefit to the director, and for payment of dividends or approval of stock repurchases or redemptions that are unlawful under Delaware law. The provision also does not affect a director's responsibilities under any other law, such as the federal securities laws or state or federal environmental laws. The Registrant has entered into indemnification agreements with its officers and directors. The indemnification agreements provide the Registrant's officers and directors with further indemnification to the maximum extent permitted by the Delaware General Corporation Law. The Registrant maintains liability insurance for its directors and officers.

Table of Contents

Item 16. *Exhibits and Financial Statement Schedules*

(a) The following exhibits are filed as part of this Registration Statement:

<u>Exhibit Number</u>	<u>Exhibit Description</u>	<u>Incorporated by Reference</u>			<u>Filed Herewith</u>
		<u>Form</u>	<u>Filing Date/ Period End Date</u>	<u>Exhibit</u>	
1.1	Form of Underwriting Agreement*				
3.1	Amended and Restated Certificate of Incorporation of the Registrant, as amended to date	10-K/A	12/31/02	3.1	
3.2	Certificate of Amendment to the Amended and Restated Certificate of Incorporation of the Registrant	8-K	6/14/11	3.1	
3.3	Certificate of Amendment to the Amended and Restated Certificate of Incorporation of the Registrant	8-K	6/11/13	3.1	
3.4	Certificate of Amendment to the Amended and Restated Certificate of Incorporation of the Registrant	10-Q	6/30/14	3.4	
3.5	Certificate of Designation of Series A and Series A-1 Convertible Preferred Stock	10-K/A	12/31/02	3.3	
3.6	Amended and Restated Bylaws of the Registrant	8-K	03/29/16	3.1	
4.1	Form of Senior Debt Indenture				X
4.2	Form of Senior Note*				
4.3	Form of Specimen Preferred Stock Certificate*				
4.4	Form of Certificate of Designation*				
4.5	Form of Warrant Agreement*				
4.6	Form of Purchase Contract*				
4.7	Form of Unit Agreement*				
5.1	Opinion of Davis Polk & Wardwell LLP				X
8.1	Opinion of Sullivan & Worcester LLP regarding certain tax matters				X
12.1	Computation of Consolidated Ratio of Earnings to Fixed Charges				X
23.1	Consent of PricewaterhouseCoopers LLP, Independent Registered Public Accounting Firm				X
23.2	Consent of Ernst & Young LLP, Independent Certified Public Accountants of Verizon Communications Inc. of the Selected Sites of Verizon's Colocation and Data Center Interconnect Operations				X
23.3	Consent of PricewaterhouseCoopers LLP, Independent Accountants of Telecitey Group Limited (formerly Telecitey Group plc)				X
23.4	Consent of Davis Polk & Wardwell LLP (included in Exhibit 5.1)				X
23.5	Consent of Sullivan & Worcester LLP (included in Exhibit 8.1)				X

Table of Contents

Exhibit Number	Exhibit Description	Incorporated by Reference			Filed Herewith
		Form	Filing Date/ Period End Date	Exhibit	
24.1	Power of Attorney (included on signature page of Registration Statement)				X
25.1	Form T-1 Statement of Eligibility under the Trust Indenture Act of 1939, as amended, of U.S. Bank National Association, as Trustee for Senior Debt Securities				X

* To be filed by amendment or by a report filed under the Securities Exchange Act of 1934, as amended, and incorporated herein by reference, if applicable.

Item 17. Undertakings

(a) The undersigned Registrant hereby undertakes:

(1) to file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) to include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) to reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in the volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Securities and Exchange Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) to include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement; *provided, however*, that paragraphs (i), (ii) and (iii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Securities and Exchange Commission by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in this registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered herein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(A) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

Table of Contents

(B) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities:

The undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

- (i) any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;
- (ii) any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;
- (iii) the portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
- (iv) any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(b) The undersigned Registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of Section 310 of the Trust Indenture Act in accordance with the rules and regulations prescribed by the Commission under Section 305(b)(2) of the Trust Indenture Act.

(c) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(d) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or

Table of Contents

proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

(e) The undersigned Registrant hereby undertakes to supplement the prospectus, after the expiration of the subscription period, to set forth the results of the subscription offer, the transactions by the underwriters during the subscription period, the amount of unsubscribed securities to be purchased by the underwriters, and the terms of any subsequent reoffering thereof. If any public offering by the underwriters is to be made on terms differing from those set forth on the cover page of the prospectus, a post-effective amendment will be filed to set forth the terms of such offering.

EXHIBIT INDEX

Exhibit Number	Exhibit Description	Incorporated by Reference			Filed Herewith
		Form	Filing Date/ Period End Date	Exhibit	
1.1	Form of Underwriting Agreement*				
3.1	Amended and Restated Certificate of Incorporation of the Registrant, as amended to date	10-K/A	12/31/02	3.1	
3.2	Certificate of Amendment to the Amended and Restated Certificate of Incorporation of the Registrant	8-K	6/14/11	3.1	
3.3	Certificate of Amendment to the Amended and Restated Certificate of Incorporation of the Registrant	8-K	6/11/13	3.1	
3.4	Certificate of Amendment to the Amended and Restated Certificate of Incorporation of the Registrant	10-Q	6/30/14	3.4	
3.5	Certificate of Designation of Series A and Series A-1 Convertible Preferred Stock	10-K/A	12/31/02	3.3	
3.6	Amended and Restated Bylaws of the Registrant	8-K	03/29/16	3.1	
4.1	Form of Senior Debt Indenture				X
4.2	Form of Senior Note*				
4.3	Form of Specimen Preferred Stock Certificate*				
4.4	Form of Certificate of Designation*				
4.5	Form of Warrant Agreement*				
4.6	Form of Purchase Contract*				
4.7	Form of Unit Agreement*				
5.1	Opinion of Davis Polk & Wardwell LLP				X
8.1	Opinion of Sullivan & Worcester LLP regarding certain tax matters				X
12.1	Computation of Consolidated Ratio of Earnings to Fixed Charges				X
23.1	Consent of PricewaterhouseCoopers LLP, Independent Registered Public Accounting Firm				X
23.2	Consent of Ernst & Young LLP, Independent Certified Public Accountants of Verizon Communications Inc. of the Selected Sites of Verizon's Colocation and Data Center Interconnect Operations				X
23.3	Consent of PricewaterhouseCoopers LLP, Independent Accountants of Telecity Group Limited (formerly Telecity Group plc)				X
23.4	Consent of Davis Polk & Wardwell LLP (included in Exhibit 5.1)				X
23.5	Consent of Sullivan & Worcester LLP (included in Exhibit 8.1)				X

Table of Contents

<u>Exhibit Number</u>	<u>Exhibit Description</u>	<u>Incorporated by Reference</u>			<u>Filed Herewith</u>
		<u>Form</u>	<u>Filing Date/ Period End Date</u>	<u>Exhibit</u>	
24.1	<u>Power of Attorney (included on signature page of Registration Statement)</u>				X
25.1	<u>Form T-1 Statement of Eligibility under the Trust Indenture Act of 1939, as amended, of U.S. Bank National Association, as Trustee for Senior Debt Securities</u>				X

* To be filed by amendment or by a report filed under the Securities Exchange Act of 1934, as amended, and incorporated herein by reference, if applicable.

[FORM OF INDENTURE]

EQUINIX, INC.

as the Company

and

U.S. BANK NATIONAL ASSOCIATION

as Trustee

INDENTURE

Dated as of [], 20[]

TABLE OF CONTENTS

	<u>PAGE</u>
ARTICLE 1	
DEFINITIONS AND INCORPORATION BY REFERENCE	
Section 1.01. <i>Definitions</i>	1
Section 1.02. <i>Other Definitions</i>	4
Section 1.03. <i>Incorporation by Reference of Trust Indenture Act</i>	4
Section 1.04. <i>Rules of Construction</i>	4
ARTICLE 2	
THE SECURITIES	
Section 2.01. <i>Issuable in Series</i>	5
Section 2.02. <i>Establishment of Terms of Series of Securities</i>	5
Section 2.03. <i>Form and Dating</i>	6
Section 2.04. <i>Execution and Authentication</i>	6
Section 2.05. <i>Registrar and Paying Agent</i>	7
Section 2.06. <i>Paying Agent to Hold Money in Trust</i>	7
Section 2.07. <i>Holder Lists</i>	8
Section 2.08. <i>Transfer and Exchange</i>	8
Section 2.09. <i>Replacement Securities</i>	11
Section 2.10. <i>Outstanding Securities</i>	11
Section 2.11. <i>Treasury Securities</i>	11
Section 2.12. <i>Temporary Securities</i>	12
Section 2.13. <i>Cancellation</i>	12
Section 2.14. <i>Defaulted Interest</i>	12
Section 2.15. <i>CUSIP Number</i>	12
ARTICLE 3	
REDEMPTION AND PREPAYMENT	
Section 3.01. <i>Notices to the Trustee</i>	12
Section 3.02. <i>Selection of Securities to Be Redeemed or Purchased</i>	13
Section 3.03. <i>Notice of Redemption</i>	13
Section 3.04. <i>Effect of Notice of Redemption</i>	14
Section 3.05. <i>Deposit of Redemption or Purchase Price</i>	14
Section 3.06. <i>Securities Redeemed or Purchased in Part</i>	14
ARTICLE 4	
COVENANTS	
Section 4.01. <i>Payment of Securities</i>	14
Section 4.02. <i>Maintenance of Office or Agency</i>	15
Section 4.03. <i>Reports to Holders</i>	15
Section 4.04. <i>Compliance Certificate</i>	15
Section 4.05. <i>Taxes</i>	16
Section 4.06. <i>Stay, Extension and Usury Laws</i>	16
ARTICLE 5	
SUCCESSORS	
Section 5.01. <i>Merger, Consolidation, or Sale of Assets</i>	16
Section 5.02. <i>Successor Corporation Substituted</i>	17
ARTICLE 6	
DEFAULTS AND REMEDIES	
Section 6.01. <i>Events of Default</i>	17
Section 6.02. <i>Acceleration</i>	18

Table of Contents

Section 6.03.	<i>Other Remedies</i>	18
Section 6.04.	<i>Waiver of Past Defaults</i>	19
Section 6.05.	<i>Control by Majority</i>	19
Section 6.06.	<i>Limitation on Suits</i>	19
Section 6.07.	<i>Rights of Holders of Securities to Receive Payment</i>	19
Section 6.08.	<i>Collection Suit by Trustee</i>	19
Section 6.09.	<i>Trustee May File Proofs of Claim</i>	20
Section 6.10.	<i>Priorities</i>	20
Section 6.11.	<i>Undertaking for Costs</i>	20
ARTICLE 7 TRUSTEE		
Section 7.01.	<i>Duties of Trustee</i>	20
Section 7.02.	<i>Rights of Trustee</i>	21
Section 7.03.	<i>Individual Rights of Trustee</i>	22
Section 7.04.	<i>Trustee's Disclaimer</i>	22
Section 7.05.	<i>Notice of Defaults</i>	22
Section 7.06.	<i>Reports by Trustee to Holders of the Securities</i>	23
Section 7.07.	<i>Compensation and Indemnity</i>	23
Section 7.08.	<i>Replacement of Trustee</i>	23
Section 7.09.	<i>Successor Trustee by Merger, etc.</i>	24
Section 7.10.	<i>Eligibility; Disqualification</i>	24
Section 7.11.	<i>Preferential Collection of Claims Against the Company</i>	24
ARTICLE 8 LEGAL DEFEASANCE AND COVENANT DEFEASANCE		
Section 8.01.	<i>Option to Effect Legal Defeasance or Covenant Defeasance</i>	25
Section 8.02.	<i>Legal Defeasance and Discharge</i>	25
Section 8.03.	<i>Covenant Defeasance</i>	25
Section 8.04.	<i>Conditions to Legal or Covenant Defeasance</i>	26
Section 8.05.	<i>Deposited Money and Government Securities to Be Held in Trust; Other Miscellaneous Provisions</i>	26
Section 8.06.	<i>Repayment to the Company</i>	27
Section 8.07.	<i>Reinstatement</i>	27
ARTICLE 9 AMENDMENT, SUPPLEMENT AND WAIVER		
Section 9.01.	<i>Without Consent of Holders of Securities</i>	27
Section 9.02.	<i>With Consent of Holders of Securities</i>	28
Section 9.03.	<i>Compliance with Trust Indenture Act</i>	29
Section 9.04.	<i>Revocation and Effect of Consents</i>	29
Section 9.05.	<i>Notation on or Exchange of Securities</i>	29
Section 9.06.	<i>Trustee to Sign Amendments, etc</i>	29
ARTICLE 10 SATISFACTION AND DISCHARGE		
Section 10.01.	<i>Satisfaction and Discharge</i>	30
Section 10.02.	<i>Application of Trust Money</i>	30
ARTICLE 11 MISCELLANEOUS		
Section 11.01.	<i>Trust Indenture Act Controls</i>	31
Section 11.02.	<i>Notices</i>	31
Section 11.03.	<i>Communication by Holders of Securities with Other Holders of Securities</i>	32
Section 11.04.	<i>Certificate and Opinion as to Conditions Precedent</i>	32
Section 11.05.	<i>Statements Required in Certificate or Opinion</i>	32

Table of Contents

Section 11.06.	<i>Rules by Trustee and Agents</i>	32
Section 11.07.	<i>No Personal Liability of Directors, Officers, Employees and Stockholder Members</i>	32
Section 11.08.	<i>Governing Law</i>	33
Section 11.09.	<i>No Adverse Interpretation of Other Agreements</i>	33
Section 11.10.	<i>Successors</i>	33
Section 11.11.	<i>Severability</i>	33
Section 11.12.	<i>Counterpart Originals</i>	33
Section 11.13.	<i>Table of Contents, Headings, etc</i>	33
Section 11.14.	<i>Waiver of Trial by Jury</i>	33
Section 11.15.	<i>Calculations</i>	33
Section 11.16.	<i>Force Majeure</i>	33
Section 11.17.	<i>U.S.A. Patriot Act</i>	34

Table of Contents

This Indenture, dated as of [], 20[], is by and between EQUINIX, INC., a Delaware corporation (the “**Company**”) and U.S. BANK NATIONAL ASSOCIATION, a national banking association, as trustee (the “**Trustee**”).

The Company and the Trustee agree as follows for the benefit of each other and for the equal and ratable benefit of the Holders of the Securities issued under this Indenture.

ARTICLE 1 DEFINITIONS AND INCORPORATION BY REFERENCE

Section 1.01. *Definitions.*

“**Affiliate**” means, with respect to any specified Person, any other Person who directly or indirectly through one or more intermediaries controls, or is controlled by, or is under common control with, such specified Person. The term “control” means the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of voting securities, by contract or otherwise; and the terms “controlling” and “controlled” have meanings correlative of the foregoing.

“**Agent**” means any Registrar, co-registrar, Paying Agent or additional paying agent.

“**Applicable Procedures**” means, with respect to any transfer or exchange of or for beneficial interests in any Global Security, the rules and procedures of the Depository that apply to such transfer or exchange.

“**Bankruptcy Law**” means Title 11, U.S. Code or any similar federal or state law for the relief of debtors.

“**Beneficial Owner**” has the meaning assigned to such term in Rule 13d-3 and Rule 13d-5 under the Exchange Act, except that in calculating the beneficial ownership of any particular “person” (as that term is used in Section 13(d)(3) of the Exchange Act), such “person” will be deemed to have beneficial ownership of all securities that such “person” has the right to acquire by conversion or exercise of other securities, whether such right is currently exercisable or is exercisable only after the passage of time. The terms “Beneficially Owns,” “Beneficially Owned” and “Beneficial Ownership,” have a corresponding meaning.

“**Board of Directors**” means, as to any Person, the board of directors (or similar governing body) of such Person or any duly authorized committee thereof.

“**Board Resolution**” means, with respect to any Person, a copy of a resolution certified by the Secretary or an Assistant Secretary of such Person to have been duly adopted by the Board of Directors of such Person and to be in full force and effect on the date of such certification, and delivered to the Trustee.

“**Business Day**” means any day other than a Legal Holiday.

“**Capital Stock**” means:

(1) with respect to any Person that is a corporation, any and all shares, interests, participations or other equivalents (however designated and whether or not voting) of corporate stock, including each class of Common Stock and Preferred Stock of such Person, and all options, warrants or other rights to purchase or acquire any of the foregoing; and

(2) with respect to any Person that is not a corporation, any and all partnership, membership or other equity interests of such Person, and all options, warrants or other rights to purchase or acquire any of the foregoing.

“**Code**” means the Internal Revenue Code of 1986, as amended.

“**Commission**” means the United States Securities and Exchange Commission.

“**Common Stock**” of any Person means any and all shares, interests or other participations in, and other equivalents (however designated and whether voting or non-voting) of such Person’s common stock and includes, without limitation, all series and classes of such common stock.

Table of Contents

“**Company Order**” means a written order signed in the name of the Company by an Officer.

“**Corporate Trust Office of the Trustee**” will be at the address of the Trustee specified in Section 11.02 hereof or such other address as to which the Trustee may give notice to the Company.

“**Custodian**” means the Trustee, as custodian with respect to the Securities in global form, or any successor entity thereto.

“**Default**” means an event or condition the occurrence of which is, or with the lapse of time or the giving of notice or both would be, an Event of Default.

“**Definitive Security**” means a certificated Security in definitive, fully registered form without interest coupons in the name of the Holder thereof and issued in accordance with Section 2.04 hereof.

“**Depository**” means, with respect to the Securities issuable or issued in whole or in part in global form, the Person specified in Section 2.05 hereof as the Depository with respect to the Securities, and any and all successors thereto appointed as depository hereunder and having become such pursuant to the applicable provision of this Indenture.

“**Exchange Act**” means the Securities Exchange Act of 1934, as amended from time to time, and any successor statute.

“**GAAP**” means generally accepted accounting principles in the United States at the date of any computation.

“**Global Security Legend**” means the legend set forth in Section 2.08(f) hereof, which is required to be placed on all Global Securities issued under this Indenture.

“**Global Securities**” means a Security or Securities, as the case may be, in the form established pursuant to Section 2.03 hereof evidencing all or part of a Series of Securities, issued to the Depository for such Series or its nominee, and registered in the name of such Depository or nominee.

“**Government Securities**” means direct obligations of, or obligations guaranteed by, the United States of America, and the payment for which the United States of America pledges its full faith and credit.

“**Holder**” means the registered holder of any Security with respect to registered securities and the bearer of any unregistered Security or any coupon appertaining to it, as the case may be.

“**Indebtedness**” means, with respect to any Person on any date of determination (without duplication):

- (1) the principal of and premium (if any) in respect of indebtedness of such Person for borrowed money; and
- (2) the principal of and premium (if any) in respect of obligations of such Person evidenced by bonds, debentures, notes or other similar instruments.

For avoidance of doubt, (a) obligations in respect of hedging transactions and cash management obligations, (b) accrued payables and trade credit and (c) obligations in respect of taxes shall not be Indebtedness.

“**Indenture**” means this Indenture, as amended, supplemented or restated from time to time in accordance with the terms hereof and shall include the form and terms of particular Series of Securities established as contemplated hereunder.

“**Indirect Participant**” means a Person who holds a beneficial interest in a Global Security through a Participant.

“**Legal Holiday**” means a Saturday, a Sunday or a day on which banking institutions in the State of New York or the Corporate Trust Office of the Trustee are authorized or required by law to close. If a payment date is a Legal Holiday, payment shall be made on the next succeeding day that is not a Legal Holiday, and no interest shall accrue on such payment for the intervening period. If a regular record date is a Legal Holiday, the record date shall not be affected.

Table of Contents

“**Lien**” means any lien, mortgage, deed of trust, pledge, security interest, charge or encumbrance of any kind (including any conditional sale or other title retention agreement, any lease in the nature thereof and any agreement to give any security interest).

“**Officer**” means the Chairman of the Board, the Chief Executive Officer, the Chief Financial Officer, the President, any Vice President, the Treasurer or Secretary of the Company.

“**Officers’ Certificate**” means a certificate signed by two Officers, at least one of whom shall be the principal executive officer or principal financial officer of the Company.

“**Opinion of Counsel**” means an opinion from legal counsel who is reasonably acceptable to the Trustee. The counsel may be an employee of or counsel to the Company or any Subsidiary of the Company.

“**Participant**” means, with respect to the Depository, a Person who has an account with the Depository.

“**Person**” means an individual, partnership, corporation, limited liability company, unincorporated organization, trust or joint venture, or a governmental agency or political subdivision thereof.

“**Preferred Stock**” of any Person means any Capital Stock of such Person that has preferential rights to any other Capital Stock of such Person with respect to dividends or redemptions or upon liquidation.

“**Responsible Officer**” means, when used with respect to the Trustee, an officer assigned to the Corporate Trust Office of the Trustee, including any vice president, assistant vice president, assistant treasurer, or any other officer of the Trustee customarily performing functions similar to those performed by any of the above designated officers and having direct responsibility for the administration of this Indenture, and also, with respect to this Indenture, any other officer to whom such matter with respect to this Indenture is referred because of such officers’ knowledge of and familiarity with the particular subject.

“**Securities Act**” means the Securities Act of 1933, as amended from time to time, and any successor statute.

“**Security**” or “**Securities**” means the debentures, notes or other debt instruments of the Company created pursuant to Section 2.01 and Section 2.02 hereof.

“**Series**” or “**Series of Securities**” means each series of debentures, notes or other debt instruments of the Company created pursuant to Section 2.01 and Section 2.02 hereof.

“**Stated Maturity**” means, with respect to any installment of interest or principal on any Series of Securities, the date on which the payment of interest or principal was scheduled to be paid in the original documentation governing such Series of Securities, and will not include any contingent obligations to repay, redeem or repurchase any such interest or principal prior to the date originally scheduled for the payment thereof.

“**Subsidiary**” with respect to any Person, means:

- (1) any corporation of which the outstanding Capital Stock having at least a majority of the votes entitled to be cast in the election of directors under ordinary circumstances shall at the time be owned, directly or indirectly, by such Person; or
- (2) any other Person of which at least a majority of the voting interest under ordinary circumstances is at the time, directly or indirectly, owned by such Person.

“**TIA**” means the Trust Indenture Act of 1939, as amended (15 U.S.C. §§ 77aaa-77bbb).

“**Trustee**” means U.S. Bank National Association until a successor replaces it in accordance with the applicable provisions of this Indenture and thereafter means the successor serving hereunder.

Table of Contents

Section 1.02. *Other Definitions.*

	<u>Term</u>	<u>Defined in Section</u>
Authentication Order		2.04
Covenant Defeasance		8.03
DTC		2.05
Event of Default		6.01
Legal Defeasance		8.02
Paying Agent		2.05
Registrar		2.05
Surviving Entity		5.01

Section 1.03. *Incorporation by Reference of Trust Indenture Act.*

Whenever this Indenture refers to a provision of the TIA, the provision is incorporated by reference in and made a part of this Indenture.

The following TIA terms used in this Indenture have the following meanings:

“**indenture securities**” means the Securities;

“**indenture security Holder**” means a Holder;

“**indenture to be qualified**” means this Indenture;

“**indenture trustee**” or “**institutional trustee**” means the Trustee; and

“**obligor**” on the Securities means the Company and any successor obligor upon the Securities.

All other terms used in this Indenture that are defined by the TIA, defined by TIA reference to another statute or defined by Commission rule under the TIA have the meanings so assigned to them.

Section 1.04. *Rules of Construction.*

Unless the context otherwise requires:

(a) a term has the meaning assigned to it;

(b) an accounting term not otherwise defined has the meaning assigned to it in accordance with GAAP;

(c) “or” is not exclusive;

(d) words in the singular include the plural, and in the plural include the singular;

(e) “will” shall be interpreted to express a command;

(f) provisions apply to successive events and transactions;

(g) references to sections of or rules under the Securities Act will be deemed to include substitute, replacement of successor sections or rules adopted by the Commission from time to time;

(h) “including” means including without limitation; and

(i) Section references are to Sections of this Indenture unless the context otherwise requires.

ARTICLE 2
THE SECURITIES

Section 2.01. *Issuable in Series.*

(a) The aggregate principal amount of Securities that may be authenticated and delivered under this Indenture is unlimited. The Securities may be issued in one or more Series. All Securities of a Series shall be identical except as may be set forth or determined in the manner provided in a Board Resolution, supplemental indenture hereto or Officers' Certificate detailing the adoption of the terms thereof pursuant to authority granted under a Board Resolution. In the case of Securities of a Series to be issued from time to time, the Board Resolution, Officers' Certificate or supplemental indenture hereto detailing the adoption of the terms thereof pursuant to authority granted under a Board Resolution may provide for the method by which specified terms (such as interest rate, maturity date, record date or date from which interest shall accrue) are to be determined. Securities may differ between Series in respect of any matters, provided that all Series of Securities shall be equally and ratably entitled to the benefits of the Indenture.

Section 2.02. *Establishment of Terms of Series of Securities.*

At or prior to the issuance of any Securities within a Series, the following shall be established (as to the Series generally, in the case of Section 2.02(1) and either as to such Securities within the Series or as to the Series generally in the case of Section 2.02(2) through Section 2.02(17)) by or pursuant to a Board Resolution, and set forth or determined in the manner provided in a Board Resolution, supplemental indenture hereto or Officers' Certificate:

(1) the title (which shall distinguish the Securities of that particular Series from the Securities of any other Series) and ranking (including the terms of any subordination provisions) of the Series;

(2) whether the Securities are entitled to the benefit of any guarantee by any guarantor;

(3) any limit upon the aggregate principal amount of the Securities of the Series which may be authenticated and delivered under this Indenture (except for Securities authenticated and delivered upon registration of transfer of, or in exchange for, or in lieu of, other Securities of the Series);

(4) the date or dates on which the principal of the Securities of the Series is payable;

(5) the rate or rates (which may be fixed or variable) per annum or, if applicable, the method used to determine such rate or rates (including, but not limited to, any commodity, commodity index, stock exchange index or financial index) at which the Securities of the Series shall bear interest, if any, the date or dates from which such interest, if any, shall accrue, the date or dates on which such interest, if any, shall commence and be payable and any regular record date for the interest payable on any interest payment date;

(6) the right, if any, to extend the interest payment periods or defer the payment of interest and the duration of such extension or deferral;

(7) the place or places where the principal of and interest, if any, on the Securities of the Series shall be payable, where the Securities of such Series may be surrendered for registration of transfer or exchange and where notices and demands to or upon the Company in respect of the Securities of such Series and this Indenture may be delivered, and the method of such payment, if by wire transfer, mail or other means;

(8) the dates, if any, on which and the price or prices at which the Securities of the Series will be repurchased by the Company at the option of the Holders thereof and other detailed terms and provisions of such repurchase obligations;

(9) the obligation, if any, of the Company to redeem or purchase the Securities of the Series pursuant to any sinking fund or analogous provisions or at the option of a Holder thereof and the period or periods within which, the price or prices at which and the terms and conditions upon which Securities of the Series shall be redeemed or purchased, in whole or in part, pursuant to such obligation;

(10) if applicable, the period or periods within which, the price or prices at which and the terms and conditions upon which the Securities of the Series may be redeemed, in whole or in part, at the option of the Company;

(11) if other than minimum denominations of \$1,000 and any integral multiple in excess thereof, the minimum denominations in which the Securities of the Series shall be issuable;

Table of Contents

(12) if other than the principal amount thereof, the portion of the principal amount of the Securities of the Series that shall be payable upon declaration of acceleration of the maturity thereof;

(13) any addition to, deletion of or change in the covenants which apply to the Securities of the Series;

(14) any special tax implications of the Securities;

(15) any trustees, authenticating agents or paying agents with respect to such Series, if different from those set forth in, or designated pursuant to, this Indenture;

(16) the provisions, if any, relating to conversion or exchange of any Securities of such Series, including if applicable, the conversion or exchange price, the conversion or exchange period, provisions as to whether conversion or exchange will be mandatory, at the option of the Holders thereof or at the option of the Company, the events requiring an adjustment of the conversion price or exchange price and provisions affecting conversion or exchange if such Series of Securities are redeemed; and

(17) any other terms of the Series (which may amend, supplement, modify or delete any provision of this Indenture insofar as it applies to such Series), including any terms that may be required under applicable law or regulations or advisable in connection with the marketing of Securities of that Series.

All Securities of any one Series need not be issued at the same time and may be issued from time to time, consistent with the terms of this Indenture, if so provided by or pursuant to the Board Resolution, supplemental indenture hereto or Officers' Certificate referred to above.

Section 2.03. Form and Dating.

(a) *General.* The Securities may have notations, legends or endorsements required by law, stock exchange rule or usage. Each Security will be dated the date of its authentication. Unless otherwise provided by Board Resolution, Officers' Certificate or supplemental indenture hereto for a particular Series, the Securities will be in minimum denominations of \$2,000 with integral multiples of \$1,000 in excess thereof.

The terms and provisions contained in the Securities will constitute, and are hereby expressly made, a part of this Indenture, and the Company and the Trustee, by their execution and delivery of this Indenture, expressly agree to such terms and provisions and to be bound thereby.

(b) *Global Securities.* A Board Resolution, a supplemental indenture hereto or an Officers' Certificate shall establish whether the Securities of a Series shall be issued in whole or in part in the form of one or more Global Securities and the Depositary for such Global Security or Securities. Any Global Security issued hereunder shall bear the Global Security Legend. Each Global Security will represent such of the outstanding Securities of any Series as will be specified therein and each will provide that it will represent the aggregate principal amount of outstanding Securities of any Series from time to time endorsed thereon and that the aggregate principal amount of outstanding Securities of any Series represented thereby may from time to time be reduced or increased, as appropriate, to reflect exchanges and redemptions. Any endorsement of a Global Security to reflect the amount of any increase or decrease in the aggregate principal amount of outstanding Securities of any Series represented thereby will be made by the Trustee or the Custodian, at the direction of the Trustee, in accordance with instructions given by the Holder thereof as required by Section 2.08 hereof.

Section 2.04. Execution and Authentication.

At least one Officer must sign the Securities for the Company by manual or facsimile signature.

If an Officer whose signature is on a Security no longer holds that office at the time a Security is authenticated, the Security will nevertheless be valid.

A Security will not be valid until authenticated by the manual signature of the Trustee or an authenticating agent. The signature will be conclusive evidence that the Security has been authenticated under this Indenture.

At any time and from time to time after the execution and delivery of this Indenture, the Company may deliver Securities executed by the Company to the Trustee for authentication, together with a Company Order for the

Table of Contents

authentication and delivery of such Securities (an “**Authentication Order**”), and the Trustee in accordance with the Authentication Order will authenticate and deliver such Securities. In authenticating such Securities, and accepting the additional responsibilities under this Indenture in relation to such Securities, the Trustee shall receive, and (subject to Section 7.01) will be fully protected in conclusively relying upon, (a) the Board Resolution, supplemental indenture hereto or Officers’ Certificate establishing the form of the Securities of that Series or of Securities within that Series and the terms of the Securities of that Series or of Securities within that Series, (b) an Officers’ Certificate complying with Section 11.04 and 11.05 and (c) an Opinion of Counsel stating:

(a) that such form of the Securities has been established in conformity with the provisions of this Indenture;

(b) that such terms of the Securities have been established in conformity with the provisions of this Indenture;

(c) that such Securities, when authenticated and delivered by the Trustee and issued by the Company in the manner and subject to any conditions specified in such Opinion of Counsel, will constitute valid and binding obligations of the Company enforceable in accordance with their terms, except as the enforceability thereof may be limited by bankruptcy, insolvency, reorganization, moratorium, or other laws relating to or affecting creditors’ rights and by general principles of equity; and

(d) that all conditions precedent and covenants to the issuance of the Securities have been satisfied.

The aggregate principal amount of Securities of any Series outstanding at any time may not exceed any limit upon the maximum principal amount for such Series set forth in the Board Resolution, supplemental indenture hereto or Officers’ Certificate delivered pursuant to Section 2.02, except as provided in Section 2.09.

The Trustee may appoint an authenticating agent acceptable to the Company to authenticate Securities. An authenticating agent may authenticate Securities whenever the Trustee may do so. Each reference in this Indenture to authentication by the Trustee includes authentication by such agent. An authenticating agent has the same rights as an Agent to deal with Holders or an Affiliate of the Company.

Section 2.05. Registrar and Paying Agent.

The Company will maintain, with respect to each Series of Securities, an office or agency where Securities may be presented for registration of transfer or for exchange (“**Registrar**”) and an office or agency where such Securities may be presented for payment (“**Paying Agent**”). The Registrar will keep a register with respect to each Series of Securities and of their transfer and exchange. The Company may appoint one or more co-registrars and one or more additional paying agents. The term “Registrar” includes any co-registrar and the term “Paying Agent” includes any additional paying agent. The Company may change any Paying Agent or Registrar without notice to any Holder. The Company will notify the Trustee in writing of the name and address of any Agent not a party to this Indenture. If the Company fails to appoint or maintain another entity as Registrar or Paying Agent, the Trustee shall act as such. The Company or any of its Subsidiaries may act as Paying Agent or Registrar.

The Company initially appoints The Depository Trust Company (“**DTC**”) to act as Depository with respect to the Global Securities. The Company initially appoints the Trustee to act as the Registrar and Paying Agent and to act as Custodian with respect to each Series of Securities.

Section 2.06. Paying Agent to Hold Money in Trust.

The Company will require each Paying Agent other than the Trustee to agree in writing that the Paying Agent will hold in trust, for the benefit of Holders of any Series of Securities, or the Trustee, all money held by the Paying Agent for the payment of principal, premium, if any, or interest on the Series of Securities, and will notify the Trustee of any default by the Company in making any such payment. While any such default continues, the Trustee may require a Paying Agent to pay all money held by it to the Trustee. The Company at any time may require a Paying Agent to pay all money held by it to the Trustee. Upon payment over to the Trustee, the Paying Agent (if other than the Company or a Subsidiary) will have no further liability for the money. If the Company or a Subsidiary acts as Paying Agent, it will segregate and hold in a separate trust fund for the benefit of Holders of any Series of Securities all money held by it as Paying Agent. Upon any bankruptcy or reorganization proceedings relating to the Company, the Trustee will automatically become the Paying Agent for the Securities.

Table of Contents

Section 2.07. *Holder Lists.*

The Trustee will preserve in as current a form as is reasonably practicable the most recent list available to it of the names and addresses of all Holders and shall otherwise comply with TIA § 312(a). If the Trustee is not the Registrar, the Company will furnish to the Trustee at least two Business Days before each interest payment date and at such other times as the Trustee may request in writing, a list in such form and as of such date as the Trustee may reasonably require of the names and addresses of the Holders of each Series of Securities and the Company shall otherwise comply with TIA § 312(a).

Section 2.08. *Transfer and Exchange.*

(a) *Transfer and Exchange of Global Securities.* A Global Security may not be transferred except as a whole by the Depository to a nominee of the Depository, by a nominee of the Depository to the Depository or to another nominee of the Depository, or by the Depository or any such nominee to a successor Depository or a nominee of such successor Depository. All Global Securities will be exchanged by the Company for Definitive Securities if:

(1) the Company delivers to the Trustee notice from the Depository that it is unwilling or unable to continue to act as Depository or that it is no longer a clearing agency registered under the Exchange Act and, in either case, a successor Depository is not appointed by the Company within 120 days after the date of such notice from the Depository;

(2) the Company in its sole discretion determines that the Global Securities (in whole but not in part) should be exchanged for Definitive Securities and delivers a written notice to such effect to the Trustee; or

(3) there has occurred and is continuing a Default or Event of Default with respect to the Securities of which an officer of the Trustee has received actual notice and the Registrar has received a request from any Beneficial Owner of an interest in the Global Securities to issue such Definitive Securities.

Upon the occurrence of either of the events in (1) or (2) above, Definitive Securities shall be issued in such names as the Depository shall instruct the Trustee. Global Securities also may be exchanged or replaced, in whole or in part, as provided in Section 2.09 and Section 2.12 hereof. Every Security authenticated and delivered in exchange for, or in lieu of, a Global Security or any portion thereof, pursuant to this Section 2.08 or Section 2.09 or Section 2.12 hereof, shall be authenticated and delivered in the form of, and shall be, a Global Security. A Global Security may not be exchanged for another Security other than as provided in this (a) hereof, *provided, however*, that beneficial interests in a Global Security may be transferred and exchanged as provided in (b) or (c) hereof.

(b) *Transfer and Exchange of Beneficial Interests in the Global Securities.* The transfer and exchange of beneficial interests in the Global Securities will be effected through the Depository, in accordance with the provisions of this Indenture and the Applicable Procedures. Transfers of beneficial interests in the Global Securities will require compliance with paragraph (1) or (2) below, as applicable, as well as one or more of the other following subparagraphs, as applicable:

(1) *Transfer of Beneficial Interests in the Same Global Security.* Beneficial interests in any Global Security may be transferred to Persons who take delivery thereof in the form of a beneficial interest in the same Global Security. No written orders or instructions shall be required to be delivered to the Registrar to effect the transfers described in this Section 2.08(b)(1).

(2) *All Other Transfers and Exchange of Beneficial Interests in Global Securities.* In connection with all transfers or exchanges of beneficial interests in Global Securities that are not subject to Section 2.08(b)(1) above, the transferor of such beneficial interest must deliver to the Registrar either:

(A) both:

(i) written order from a Participant or an Indirect Participant given to the Depository in accordance with the Applicable Procedures directing the Depository to credit or cause to be credited a beneficial interest in another Global Security in an amount equal to the beneficial interest to be transferred or exchanged; and

Table of Contents

(ii) instructions given in accordance with the Applicable Procedures containing information regarding the Participant account to be credited with such increase; or

(B) both:

(i) a written order from a Participant or an Indirect Participant given to the Depositary in accordance with the Applicable Procedures directing the Depositary to cause to be issued a Definitive Security in an amount equal to the beneficial interest to be transferred or exchanged; and

(ii) instructions given by the Depositary to the Registrar containing information regarding the Person in whose name such Definitive Security shall be registered to effect the transfer or exchange referred to in Section 2.08(b)(2)(B)(i) above.

Upon satisfaction of all of the requirements for transfer or exchange of beneficial interests in Global Securities contained in this Indenture and the Securities or otherwise applicable under the Securities Act, the Trustee shall adjust the principal amount of the relevant Global Securities pursuant to (g) hereof.

(c) *Transfer or Exchange of Beneficial Interests in Global Securities for Definitive Securities* If any holder of a beneficial interest in an Global Security proposes to exchange such beneficial interest for a Definitive Security or to transfer such beneficial interest to a Person who takes delivery thereof in the form of a Definitive Security, then, upon satisfaction of the conditions set forth in Section 2.08(b)(2) hereof, the Trustee shall cause the aggregate principal amount of the applicable Global Security to be reduced accordingly pursuant to (g) hereof, and the Company shall execute and the Trustee shall authenticate and deliver to the Person designated in the instructions a Definitive Security in the appropriate principal amount. Any Definitive Security issued in exchange for a beneficial interest pursuant to this (c) shall be registered in such name or names and in such authorized denomination or denominations as the holder of such beneficial interest requests through instructions to the Registrar from or through the Depositary and the Participant or Indirect Participant. The Trustee shall deliver such Definitive Securities to the Persons in whose names such Securities are so registered.

(d) *Transfer and Exchange of Definitive Securities for Beneficial Interests.* A Holder of a Definitive Security may exchange such Security for a beneficial interest in a Global Security or transfer such Definitive Securities to a Person who takes delivery thereof in the form of a beneficial interest in a Global Security at any time. Upon receipt of a request for such an exchange or transfer, the Trustee will cancel the applicable Definitive Security and increase or cause to be increased the aggregate principal amount of one of the Global Securities pursuant to (g) hereof.

If any such exchange or transfer from a Definitive Security to a beneficial interest is effected pursuant to the previous paragraph at a time when a Global Security has not yet been issued, the Company will issue and, upon receipt of the Company Order, the Trustee will authenticate one or more Global Securities in an aggregate principal amount equal to the principal amount of Definitive Securities so transferred.

A Holder of Definitive Securities may transfer such Securities to a Person who takes delivery thereof in the form of a Definitive Security.

(e) *Transfer and Exchange of Definitive Securities for Definitive Securities* Upon request by a Holder of Definitive Securities and such Holder's compliance with the provisions of this (e), the Registrar will register the transfer or exchange of Definitive Securities. Prior to such registration of transfer or exchange, the requesting Holder must present or surrender to the Registrar the Definitive Securities duly endorsed or accompanied by a written instruction of transfer in form satisfactory to the Registrar duly executed by such Holder or by its attorney, duly authorized in writing. A Holder of Definitive Securities may transfer such Securities to a Person who takes delivery thereof in the form of a Definitive Security. Upon receipt of a request to register such a transfer, the Registrar shall register the Definitive Securities pursuant to the instructions from the Holder thereof, and the Company shall execute and the Trustee shall authenticate and deliver to the Person designated in the instructions a Definitive Security in the appropriate principal amount.

(f) *Global Securities Legends.* The following legends will appear on the face of all Global Securities issued under this Indenture unless specifically stated otherwise in the applicable provisions of this Indenture:

"THIS GLOBAL SECURITY IS HELD BY THE DEPOSITARY (AS DEFINED IN THE INDENTURE GOVERNING THIS SECURITY) OR ITS NOMINEE IN CUSTODY FOR THE BENEFIT OF THE

Table of Contents

BENEFICIAL OWNERS HEREOF, AND IS NOT TRANSFERABLE TO ANY PERSON UNDER ANY CIRCUMSTANCES EXCEPT THAT (1) THE TRUSTEE MAY MAKE SUCH NOTATIONS HEREON AS MAY BE REQUIRED PURSUANT TO SECTION 2.08 OF THE INDENTURE, (2) THIS GLOBAL SECURITY MAY BE EXCHANGED IN WHOLE BUT NOT IN PART PURSUANT TO SECTION 2.08(a) OF THE INDENTURE, (3) THIS GLOBAL SECURITY MAY BE DELIVERED TO THE TRUSTEE FOR CANCELLATION PURSUANT TO SECTION 2.13 OF THE INDENTURE AND (4) THIS GLOBAL SECURITY MAY BE TRANSFERRED TO A SUCCESSOR DEPOSITARY WITH THE PRIOR WRITTEN CONSENT OF THE COMPANY.

UNLESS AND UNTIL IT IS EXCHANGED IN WHOLE OR IN PART FOR SECURITIES IN DEFINITIVE FORM, THIS SECURITY MAY NOT BE TRANSFERRED EXCEPT AS A WHOLE BY THE DEPOSITARY TO A NOMINEE OF THE DEPOSITARY OR BY A NOMINEE OF THE DEPOSITARY TO THE DEPOSITARY OR ANOTHER NOMINEE OF THE DEPOSITARY OR BY THE DEPOSITARY OR ANY SUCH NOMINEE TO A SUCCESSOR DEPOSITARY OR A NOMINEE OF SUCH SUCCESSOR DEPOSITARY. UNLESS THIS GLOBAL SECURITY IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY TRUST COMPANY (55 WATER STREET, NEW YORK, NEW YORK) (“DTC”) TO THE COMPANY OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY GLOBAL SECURITY ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR SUCH OTHER NAME AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO. OR SUCH OTHER ENTITY AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.”

(g) *Cancellation and/or Adjustment of Global Securities.* At such time as all beneficial interests in a particular Global Security have been exchanged for Definitive Securities or a particular Global Security has been redeemed, repurchased or canceled in whole and not in part, each such Global Security will be returned to or retained and canceled by the Trustee in accordance with Section 2.13 hereof. At any time prior to such cancellation, if any beneficial interest in a Global Security is exchanged for or transferred to a Person who will take delivery thereof in the form of Definitive Securities, the principal amount of Securities represented by such Global Security will be reduced accordingly and an endorsement will be made on such Global Security by the Trustee or by the Depositary at the direction of the Trustee to reflect such reduction; and if the beneficial interest is being exchanged for or transferred to a Person who will take delivery thereof in the form of a beneficial interest in another Global Security, such other Global Security will be increased accordingly and an endorsement will be made on such Global Security by the Trustee or by the Depositary at the direction of the Trustee to reflect such increase.

(h) *General Provisions Relating to Transfers and Exchanges.*

(1) To permit registrations of transfers and exchanges, the Company will execute and the Trustee will authenticate Global Securities and Definitive Securities upon receipt of an Authentication Order in accordance with Section 2.04 hereof or at the Registrar’s request.

(2) No service charge will be made to a Holder of a beneficial interest in a Global Security or to a Holder of a Definitive Security for any registration of transfer or exchange, but the Company may require payment of a sum sufficient to cover any transfer tax or similar governmental charge payable in connection therewith (other than any such transfer taxes or similar governmental charge payable upon exchange or transfer pursuant to Section 2.12, Section 3.06 and Section 9.05 hereof).

(3) Neither the Registrar nor the Company will be required to register the transfer of or exchange of any Securities selected for redemption in whole or in part, except the unredeemed portion of any Security being redeemed in part.

(4) All Global Securities and Definitive Securities issued upon any registration of transfer or exchange of Global Securities or Definitive Securities will be the valid obligations of the Company, evidencing the same debt, and entitled to the same benefits under this Indenture, as the Global Securities or Definitive Securities surrendered upon such registration of transfer or exchange.

Table of Contents

(5) Neither the Registrar nor the Company will be required:

(A) to issue, to register the transfer of or to exchange any Securities during a period beginning at the opening of business 15 days before the day of any selection of Securities for redemption under Section 3.02 hereof and ending at the close of business on the day of selection;

(B) to register the transfer of or to exchange any Security selected for redemption in whole or in part, except the unredeemed portion of any Security being redeemed in part; or

(C) to register the transfer of or to exchange a Security between a record date and the next succeeding interest payment date for the Security.

(6) Prior to due presentment for the registration of a transfer of any Security, the Trustee, any Agent and the Company may deem and treat the Person in whose name any Security is registered as the absolute owner of such Security for the purpose of receiving payment of principal of and interest on such Securities and for all other purposes, and none of the Trustee, any Agent or the Company shall be affected by notice to the contrary.

(7) The Trustee will authenticate Global Securities and Definitive Securities in accordance with the provisions of Section 2.04 hereof.

(8) All certifications, certificates and Opinions of Counsel required to be submitted to the Registrar pursuant to this Section 2.08 to effect a registration of transfer or exchange may be submitted by facsimile.

Section 2.09. Replacement Securities.

If any mutilated Security is surrendered to the Trustee or the Company and the Trustee receives evidence to its satisfaction of the ownership and destruction, loss or theft of any Security, the Company will issue and the Trustee, upon receipt of an Authentication Order, will authenticate a replacement Security if the Trustee's requirements are met. If required by the Trustee or the Company, an indemnity bond must be supplied by the Holder that is sufficient in the judgment of the Trustee and the Company to protect the Company, the Trustee, any Agent and any authenticating agent from any loss that any of them may suffer if a Security is replaced. The Company may charge for its expenses in replacing a Security.

Every replacement Security is an additional obligation of the Company and will be entitled to all of the benefits of this Indenture equally and proportionately with all other Securities duly issued hereunder.

Section 2.10. Outstanding Securities.

The Securities outstanding at any time are all the Securities authenticated by the Trustee except for those canceled by it, those delivered to it for cancellation, those reductions in the interest in a Global Security effected by the Trustee in accordance with the provisions hereof, and those described in this Section 2.10 as not outstanding. Except as set forth in Section 2.11 hereof, a Security does not cease to be outstanding because the Company or an Affiliate of the Company holds such Security.

If a Security is replaced pursuant to Section 2.09 hereof, it ceases to be outstanding unless the Trustee receives proof satisfactory to it that the replaced Security is held by a protected purchaser.

If the principal amount of any Security is considered paid under Section 4.01 hereof, it ceases to be outstanding and interest on it ceases to accrue.

If the Paying Agent (other than the Company or an Affiliate thereof) holds, on a redemption date or maturity date, money sufficient to pay Securities payable on that date, then on and after that date such Securities will be deemed to be no longer outstanding and will cease to accrue interest.

Section 2.11. Treasury Securities.

In determining whether the Holders of the required principal amount of Securities have concurred in any direction, waiver or consent, Securities owned by the Company or by any Person directly or indirectly controlling or controlled by or under direct or indirect common control with the Company, will be considered as though not outstanding, except that for the purposes of determining whether the Trustee will be protected in relying on any such direction, waiver or consent, only Securities that the Trustee knows are so owned will be so disregarded.

Table of Contents

Section 2.12. *Temporary Securities.*

Until certificates representing Securities are ready for delivery, the Company may prepare and the Trustee, upon receipt of an Authentication Order, will authenticate temporary Securities. Temporary Securities will be substantially in the form of certificated Securities but may have variations that the Company considers appropriate for temporary Securities and as may be reasonably acceptable to the Trustee. Without unreasonable delay, the Company will prepare and the Trustee will authenticate definitive Securities in exchange for temporary Securities.

Holders of temporary Securities will be entitled to all of the benefits of this Indenture.

Section 2.13. *Cancellation.*

The Company at any time may deliver Securities to the Trustee for cancellation. The Registrar and Paying Agent will forward to the Trustee any Securities surrendered to them for registration of transfer, exchange or payment. The Trustee and no one else will cancel all Securities surrendered for registration of transfer, exchange, payment, replacement or cancellation and will destroy canceled Securities (subject to the record retention requirement of the Exchange Act). Upon written request of the Company, certification of the destruction of all canceled Securities will be delivered to the Company. The Company may not issue new Securities to replace Securities that it has paid or that have been delivered to the Trustee for cancellation.

Section 2.14. *Defaulted Interest.*

If the Company defaults in a payment of interest on the Securities, it will pay the defaulted interest in any lawful manner plus, to the extent lawful, interest payable on the defaulted interest, to the Persons who are Holders on a subsequent special record date, in each case at the rate provided in the Securities and in Section 4.01 hereof. The Company will notify the Trustee in writing of the amount of defaulted interest proposed to be paid on each Security and the date of the proposed payment. The Company will fix or cause to be fixed each such special record date and payment date; *provided* that no such special record date may be less than 10 days prior to the related payment date for such defaulted interest. At least 15 days before the special record date, the Company (or, upon the written request of the Company, the Trustee in the name and at the expense of the Company) will deliver or cause to be delivered to Holders a notice that states the special record date, the related payment date and the amount of such interest to be paid.

Section 2.15. *CUSIP Number.*

The Company in issuing the Securities may use "CUSIP" numbers (if then generally in use), and, if so, the Trustee shall use CUSIP numbers in notices of redemption as a convenience to Holders; provided that any such notice may state that no representation is made as to the correctness of such numbers either as printed on the Securities or as contained in any notice of a redemption and that reliance may be placed only on the other identification numbers printed on the Securities, and any such redemption shall not be affected by any defect in or the omission of such numbers. The Company shall promptly notify the Trustee in writing of any change in the CUSIP numbers.

ARTICLE 3 REDEMPTION AND PREPAYMENT

Section 3.01. *Notices to the Trustee.*

The Company may, with respect to any Series of Securities, reserve the right to redeem and pay the Series of Securities or may covenant to redeem and pay the Series of Securities or any part thereof prior to the Stated Maturity thereof at such time and on such terms as provided for in such Securities. If a Series of Securities is redeemable and the Company wants or is obligated to redeem prior to the Stated Maturity thereof all or part of the Series of Securities pursuant to the terms of such Securities, it must furnish to the Trustee, at least 35 days but not more than 60 days before a redemption date, an Officers' Certificate setting forth:

- (a) the clause of this Indenture pursuant to which the redemption shall occur;
- (b) the redemption date;

Table of Contents

- (c) the principal amount of the Securities of such Series to be redeemed; and
- (d) the redemption price.

Section 3.02. *Selection of Securities to Be Redeemed or Purchased.*

If less than all of the Securities are to be redeemed or purchased in an offer to purchase at any time, the Trustee will select Securities for redemption or purchase on a *pro rata* basis or to the extent that selection on *pro rata* basis is not practicable, by lot or by such method as the Trustee shall deem fair and appropriate; unless otherwise required by law or applicable stock exchange requirements, subject in each case to the applicable procedures of the Depository. In the event of such partial redemption or purchase, the particular Securities to be redeemed or purchased will be selected, unless otherwise provided herein, not less than 30 nor more than 60 days prior to the redemption or purchase date by the Trustee from the outstanding Securities not previously called for redemption or purchase.

The Trustee will promptly notify the Company in writing of the Securities selected for redemption or purchase and, in the case of any Securities selected for partial redemption or purchase, the principal amount thereof to be redeemed or purchased. Securities and portions of Securities selected will be in multiples of \$1,000; *provided* that if all of the Securities of a Holder are to be redeemed or purchased, the entire outstanding amount of Securities held by such Holder, even if not a multiple of \$1,000, shall be redeemed or purchased; and provided further that any unredeemed portion of a Security shall be equal to \$2,000 or a multiple of \$1,000 in excess thereof. Except as provided in the preceding sentence, provisions of this Indenture that apply to Securities called for redemption or purchase also apply to portions of Securities called for redemption or purchase.

Section 3.03. *Notice of Redemption.*

Unless otherwise indicated for a particular Series by Board Resolution, a supplemental indenture hereto or an Officers' Certificate, at least 30 days but not more than 60 days before a redemption date, the Company will deliver a notice of redemption to each Holder whose Securities are to be redeemed at its registered address, except that redemption notices may be delivered more than 60 days prior to a redemption date if the notice is issued in connection with a defeasance of the Securities or a satisfaction and discharge of this Indenture pursuant to Articles 8 or 10 hereof.

The notice will identify the Securities to be redeemed and will state:

- (a) the redemption date;
- (b) the redemption price;
- (c) if any Security is being redeemed in part, the portion of the principal amount of such Security to be redeemed and that, after the redemption date upon surrender of such Security, a new Security or Securities in principal amount equal to the unredeemed portion will be issued upon cancellation of the original Security;
- (d) the name and address of the Paying Agent;
- (e) that Securities of the Series called for redemption must be surrendered to the Paying Agent to collect the redemption price;
- (f) that, unless the Company defaults in making such redemption payment, interest on Securities of the Series called for redemption ceases to accrue on and after the redemption date;
- (g) the paragraph of the Securities and/or Section of this Indenture pursuant to which the Securities called for redemption are being redeemed;
- (h) that no representation is made as to the correctness or accuracy of the CUSIP number, if any, listed in such notice or printed on the Securities; and
- (i) any condition to such redemption.

Table of Contents

At the Company's request, the Trustee will give the notice of redemption in the Company's name and at its expense *provided, however*, that the Company has delivered to the Trustee, at least two Business Days before notice of redemption is required to be delivered to Holders pursuant to this Section 3.03 (unless a shorter notice shall be agreed to by the Trustee), an Officers' Certificate requesting that the Trustee give such notice and setting forth the information to be stated in such notice as provided in the preceding paragraph.

Section 3.04. *Effect of Notice of Redemption.*

Once notice of redemption is delivered in accordance with Section 3.03 hereof, Securities of the Series called for redemption become irrevocably due and payable on the redemption date at the redemption price. Any redemption and notice of redemption may, at the Company's option and discretion, be subject to one or more conditions precedent. The notice, if delivered in a manner provided herein, shall be conclusively presumed to have been given, whether or not the Holder receives such notice. In any case, failure to give such notice by mail or any defect in the notice to the Holder of any Security designated for redemption in whole or in part shall not affect the validity of the proceedings for the redemption of any other Security.

Section 3.05. *Deposit of Redemption or Purchase Price.*

Prior to 10:00 a.m. Eastern Time on the redemption or purchase date, the Company will deposit with the Trustee or with the Paying Agent money in immediately available funds sufficient to pay the redemption or purchase price of and accrued and unpaid interest on all Securities of a Series to be redeemed or purchased on that date. The Trustee or the Paying Agent will promptly return to the Company any money deposited with the Trustee or the Paying Agent by the Company in excess of the amounts necessary to pay the redemption or purchase price of, and accrued and unpaid interest on, all Securities of a Series to be redeemed or purchased.

If the Company complies with the provisions of the preceding paragraph, on and after the redemption or purchase date, interest will cease to accrue on the Securities or the portions of Securities called for redemption or purchase. If a Security is redeemed or purchased on or after an interest record date but on or prior to the related interest payment date, then any accrued and unpaid interest to the redemption or purchase date shall be paid to the Person in whose name such Security was registered at the close of business on such record date. If any Security called for redemption or purchase is not so paid upon surrender for redemption or purchase because of the failure of the Company to comply with the preceding paragraph, interest shall be paid on the unpaid principal, from the redemption or purchase date until such principal is paid, and to the extent lawful on any interest not paid on such unpaid principal, in each case at the rate provided in the Securities and in Section 4.01 hereof.

Section 3.06. *Securities Redeemed or Purchased in Part.*

Upon surrender of a Security that is redeemed or purchased in part, the Company will issue and, upon receipt of an Authentication Order, the Trustee will authenticate for the Holder at the expense of the Company a new Security equal in principal amount to the unredeemed or unpurchased portion of the Security surrendered; *provided* that such unredeemed or unpurchased portion is equal to \$2,000 or a multiple of \$1,000 in excess thereof. Notwithstanding any other provision in this Indenture to the contrary, neither an Opinion of Counsel nor an Officers' Certificate is required for the Trustee to authenticate such new Security.

ARTICLE 4 COVENANTS

Section 4.01. *Payment of Securities.*

The Company will, for the benefit of the Holders of each Series of Securities, pay or cause to be paid the principal of, premium, if any, and interest on, the Securities of that Series on the dates and in the manner provided in the Securities. Principal, premium, if any, and interest will be considered paid on the date due if the Paying Agent, if other than the Company or a Subsidiary, holds as of noon Eastern Time on the due date money deposited by the Company in immediately available funds and designated for and sufficient to pay all principal, premium, if any, and interest then due.

Table of Contents

Section 4.02. *Maintenance of Office or Agency.*

For so long as any Securities of a Series are outstanding, the Company will maintain an office or agency (which may be an office of the Trustee or an affiliate of the Trustee, Registrar or co-registrar) where Securities may be surrendered for registration of transfer or for exchange and where notices and demands to or upon the Company in respect of the Securities and this Indenture may be served. The Company will give prompt written notice to the Trustee of the location, and any change in the location, of such office or agency. If at any time the Company fails to maintain any such required office or agency or fails to furnish the Trustee with the address thereof, such presentations, surrenders, notices and demands may be made or served at the Corporate Trust Office of the Trustee. Notwithstanding anything else contained herein to the contrary, no service of legal process on the Company may be made at any office of the Trustee.

The Company may also from time to time designate one or more other offices or agencies where the Securities may be presented or surrendered for any or all such purposes and may from time to time rescind such designations. The Company will give prompt written notice to the Trustee of any such designation or rescission and of any change in the location of any such other office or agency.

With respect to each Series of Securities, the Company hereby designates the Corporate Trust Office of the Trustee as one such office or agency of the Company in accordance with Section 2.05 hereof.

Section 4.03. *Reports to Holders.*

Whether or not the Company is subject to the reporting requirements of Section 13 or 15(d) of the Exchange Act, the Company must provide the Trustee and, upon request, to any Holder of the Securities within fifteen (15) Business Days after filing, or in the event no such filing is required, within fifteen (15) Business Days after the end of the time periods specified in those sections with:

(1) all quarterly and annual financial information that would be required to be contained in a filing with the Commission on Forms 0-Q and 10-K if the Company were required to file such forms, including a "Management's Discussion and Analysis of Financial Condition and Results of Operations" and, with respect to the annual financial statements only, a report thereon by the Company's certified independent accountants, and

(2) all current reports that would be required to be filed with the Commission on Form 8-K if the Company were required to file such reports;

provided that the foregoing delivery requirements shall be deemed satisfied if the foregoing materials are available on the Commission's EDGAR system or on the Company's website within the applicable time period.

In addition, whether or not required by the Commission, the Company will, if the Commission will accept the filing, file a copy of all of the information and reports referred to in clauses (1) and (2) with the Commission for public availability within the time periods specified in the Commission's rules and regulations. In addition, the Company will make the information and reports available to securities analysts and prospective investors upon request.

Notwithstanding anything herein to the contrary, the Company will not be deemed to have failed to comply with any of its obligations under this Section 4.03 for purposes of Section 6.01(c) hereof until 90 days after the date any report under this Section 4.03 is due to be delivered to the Trustee.

Delivery of the reports and documents described in subsection (1) above to the Trustee is for informational purposes only, and the Trustee's receipt of such shall not constitute constructive notice of any information contained therein or determinable from information contained therein, including the Company's compliance with any of its covenants hereunder (as to which the Trustee is entitled to conclusively rely on an Officers' Certificate).

Section 4.04. *Compliance Certificate.*

(a) For so long as any Securities of a Series are outstanding, the Company and each guarantor of any Series of Securities (to the extent that such guarantor is so required under the TIA) shall deliver to the Trustee, within 90 days after the end of each fiscal year, an Officers' Certificate stating that a review of the activities of the Company and its Subsidiaries during the preceding fiscal year has been made under the supervision of the signing Officer with a view to determining whether each has kept, observed, performed and fulfilled its obligations under this Indenture, and further stating, as to such Officer signing such certificate, that to the best of his or her knowledge, each entity

Table of Contents

has kept, observed, performed and fulfilled each and every covenant contained in this Indenture and is not in default in the performance or observance of any of the terms, provisions and conditions of this Indenture (or, if a Default or Event of Default has occurred, describing all such Defaults or Events of Default of which he or she may have knowledge and what action the Company is taking or proposes to take with respect thereto).

(b) So long as any of the Securities of a Series are outstanding, the Company will deliver to the Trustee, within five Business Days of any Officer becoming aware of any Default or Event of Default, an Officers' Certificate specifying such Default or Event of Default and what action the Company is taking or proposes to take with respect thereto.

Section 4.05. *Taxes.*

For so long as any Securities of a Series are outstanding, the Company will pay, and shall cause each of its Subsidiaries to pay, prior to delinquency, all material taxes, assessments, and governmental levies, except such as are contested in good faith and by appropriate negotiations or proceedings or where the failure to effect such payment is not adverse in any material respect to the Holders of the Securities of a Series.

Section 4.06. *Stay, Extension and Usury Laws.*

The Company covenants (to the extent that it may lawfully do so) that it will not, and each guarantor of any Series of Securities will not, at any time insist upon, plead, or in any manner whatsoever claim or take the benefit or advantage of, any stay, extension or usury law wherever enacted, now or at any time hereafter in force, that may affect the covenants or the performance of this Indenture; and the Company and each of such guarantors (to the extent that they may lawfully do so) hereby expressly waive all benefit or advantage of any such law, and covenant that they will not, by resort to any such law, hinder, delay or impede the execution of any power herein granted to the Trustee, but will suffer and permit the execution of every such power as though no such law has been enacted.

ARTICLE 5 SUCCESSORS

Section 5.01. *Merger, Consolidation, or Sale of Assets.*

(a) The Company will not, in a single transaction or series of related transactions, consolidate or merge with or into any Person, or sell, assign, transfer, lease, convey or otherwise dispose of all or substantially all of the Company's assets whether as an entirety or substantially as an entirety to any Person unless:

(1) either:

(A) the Company shall be the surviving or continuing corporation; or

(B) the Person (if other than the Company) formed by such consolidation or into which the Company is merged or the Person which acquires by sale, assignment, transfer, lease, conveyance or other disposition the properties and assets of the Company substantially as an entirety (the "**Surviving Entity**"):

(i) shall be an entity organized and validly existing under the laws of the United States or any State thereof or the District of Columbia; *provided* that in the case where the Surviving Entity is not a corporation, aco-obligor of the notes is a corporation; and

(ii) shall expressly assume, by supplemental indenture (in form and substance satisfactory to the Trustee), executed and delivered to the Trustee, the due and punctual payment of the principal of, and premium, if any, interest on all of the Securities and the performance of every covenant of the Securities and this Indenture on the part of the Company to be performed or observed; and

(2) the Trustee shall have received an Officers' Certificate and an Opinion of Counsel, each stating that (x) such consolidation, merger, sale, assignment, transfer, lease, conveyance or other disposition and, if a supplemental indenture is required in connection with such transaction, such supplemental indenture, complies with the applicable provisions of this Indenture, (y) after giving effect to such transaction no Default will have occurred and be continuing under the Indenture and (z) that all conditions precedent in this Indenture relating to such transaction have been satisfied.

[Table of Contents](#)

Section 5.02. *Successor Corporation Substituted.*

Upon any consolidation, combination or merger or any transfer of all or substantially all of the assets of the Company in accordance with the provisions of Section 5.01 hereof in which the Company is not the continuing corporation, the successor Person formed by such consolidation or into which the Company is merged or to which such conveyance, lease or transfer is made shall succeed to, and be substituted for, and may exercise every right and power of, the Company under this Indenture and the Securities with the same effect as if such surviving entity had been named as such, and all financial information and reports required by this Indenture shall be provided by and for such surviving entity.

ARTICLE 6
DEFAULTS AND REMEDIES

Section 6.01. *Events of Default.*

“**Event of Default**” wherever used herein with respect to Securities of any Series, means, unless otherwise provided by Board Resolution, Officers’ Certificate or supplemental indenture hereto for a particular Series, the:

(a) the failure to pay interest on any Security of that Series when the same becomes due and payable and the default continues for a period of 30 days;

(b) the failure to pay the principal on any Security of that Series, when such principal becomes due and payable, at maturity, upon redemption or otherwise on the date specified for such payment in the applicable offer to purchase;

(c) a default in the observance or performance of any other covenant or agreement contained in this Indenture (other than defaults in Section 6.01(a) and (b) above or pursuant to a covenant or warranty that has been included in this Indenture solely for the benefit of Series of Securities other than that Series) which default continues for a period of 60 days after the Company receives written notice specifying the default (and demanding that such default be remedied) from the Trustee or the Holders (with a copy to the Trustee) of at least 25% of the outstanding principal amount of the Securities of that Series;

(d) the Company:

(1) commences a voluntary case in bankruptcy,

(2) consents to the entry of an order for relief against it in an involuntary bankruptcy case,

(3) consents to the appointment of a custodian for it or for all or substantially all of its property,

(4) makes a general assignment for the benefit of its creditors, or

(5) makes an admission by the Company in writing of its inability to pay its debts as they become due; or

(e) a court of competent jurisdiction enters an order or decree under any Bankruptcy Law that:

(1) is for relief against the Company;

(2) appoints a custodian of the Company for all or substantially all of the property of the Company; or

(3) orders the liquidation of the Company;

and the order or decree remains unstayed and in effect for 90 consecutive days.

[f] any other Event of Default provided with respect to Securities of that Series, which is specified in a Board Resolution, a supplemental indenture hereto or an Officers’ Certificate, in accordance with Section 2.02.]

Table of Contents

Section 6.02. *Acceleration.*

If an Event of Default (other than an Event of Default specified in clause (d) or (e) of Section 6.01 hereof) shall occur with respect to the Securities of any Series at the time outstanding and be continuing, the Trustee or the Holders of at least 25% in principal amount of the then outstanding Securities of that Series may declare the principal of, and accrued and unpaid interest on all the Securities of that Series to be due and payable by notice in writing to the Company (and to the Trustee if given by Holders) specifying the respective Event of Default and that it is a “notice of acceleration”, and the same shall become immediately due and payable. Upon declaration of acceleration, the aggregate principal of, and accrued and unpaid interest on the outstanding Securities of that Series shall immediately become due and payable.

If an Event of Default specified in clause (d) or (e) of Section 6.01 hereof occurs and is continuing, then all unpaid principal of, and premium, if any, and accrued and unpaid interest on all of the outstanding Securities shall *ipso facto* become and be immediately due and payable without any declaration or other act on the part of the Trustee or any Holder.

At any time after a declaration of acceleration with respect to the Securities of any Series as described in this Section 6.02 hereof, the Holders of a majority in principal amount of the Securities of such Series then outstanding by written notice to the Trustee may, on behalf of all of the Holders of such Series, rescind and cancel such acceleration or waive any existing Default or Event of Default (except a default in the payment of the principal of or interest) and its consequences:

(a) if the rescission would not conflict with any judgment or decree;

(b) if all existing Events of Default have been cured or waived except nonpayment of principal or interest that has become due solely because of the acceleration;

(c) to the extent the payment of such interest is lawful, interest on overdue installments of interest and overdue principal which has become due otherwise than by such declaration of acceleration, has been paid;

(d) if the Company has paid the Trustee its reasonable compensation and reimbursed the Trustee for its expenses, disbursements and advances; and

(e) in the event of the cure or waiver of an Event of Default of the type described in clause (d) or (e) of Section 6.01 hereof with respect to the Company, the Trustee shall have received an Officers’ Certificate and an Opinion of Counsel, each stating that such Event of Default has been cured or waived.

No such rescission shall affect any subsequent Default or impair any right consequent thereto.

No Holder of any Security will have any right to institute any proceeding with respect to this Indenture or for any remedy hereunder, unless such Holder shall have previously given to the Trustee written notice of a continuing Event of Default and unless also the Holders of at least 25% in aggregate principal amount of the outstanding Securities of that Series shall have made written request, and offered indemnity satisfactory to the Trustee, to the Trustee to institute such proceeding as Trustee, and the Trustee shall not have received from the Holders of a majority in aggregate principal amount the outstanding Securities of that Series a direction inconsistent with such request and shall have failed to institute such proceeding within 60 days. Such limitations do not apply, however, to a suit instituted by a Holder of Securities for enforcement of payment of principal of and accrued and unpaid interest on such Securities on or after the respective due dates expressed in such Securities.

Section 6.03. *Other Remedies.*

If an Event of Default with respect to the Securities of any Series at the time outstanding occurs and is continuing, the Trustee may pursue any available remedy to collect the payment of principal, premium, if any, and interest on such Securities or to enforce the performance of any provision of such Securities or this Indenture.

The Trustee may maintain a proceeding even if it does not possess any of the Securities of a Series or does not produce any of them in the proceeding. A delay or omission by the Trustee or any Holder in exercising any right or remedy accruing upon an Event of Default shall not impair the right or remedy or constitute a waiver of or acquiescence in the Event of Default. All remedies are cumulative to the extent permitted by law.

Table of Contents

Section 6.04. *Waiver of Past Defaults.*

Holders of not less than a majority in aggregate principal amount of the then outstanding Securities of any Series by written notice to the Trustee may on behalf of the Holders of all the Securities of such Series waive any existing Default or Event of Default and its consequences hereunder, except a continuing Default or Event of Default in the payment of the principal of, premium, if any, and interest on the Securities of such Series (including in connection with an offer to purchase); *provided, however*, that the Holders of a majority in aggregate principal amount of the then outstanding Securities of any Series may rescind an acceleration and its consequences, including any related payment default that resulted from such acceleration. Upon any such waiver, such Default shall cease to exist, and any Event of Default arising therefrom shall be deemed to have been cured for every purpose of this Indenture; but no such waiver shall extend to any subsequent or other Default or impair any right consequent thereon.

Section 6.05. *Control by Majority.*

Holders of a majority in aggregate principal amount of the then outstanding Securities of any Series may direct the time, method and place of conducting any proceeding for exercising any remedy available to the Trustee or exercising any trust or power conferred on it. However, (i) the Trustee may refuse to follow any direction that conflicts with law or this Indenture or that the Trustee determines may be unduly prejudicial to the rights of other Holders of Securities or that may involve the Trustee in personal liability, and (ii) the Trustee may take any other action deemed proper by the Trustee which is not inconsistent with such direction. Notwithstanding any provision to the contrary in this Indenture, the Trustee is under no obligation to exercise any of its rights or powers under this Indenture at the direction or request of any Holder, unless such Holder shall offer to the Trustee security and indemnity satisfactory to it against any loss, liability or expense.

Section 6.06. *Limitation on Suits.*

A Holder of any Security of any Series may pursue any remedy with respect to this Indenture or its Securities only if:

(a) such Holder gives to the Trustee written notice that an Event of Default with respect to Securities of that Series is continuing or the Trustee receives such notice from the Company;

(b) Holders of at least 25% in aggregate principal amount of the then outstanding Securities of that Series make a written request to the Trustee to pursue the remedy;

(c) such Holder or Holders offer and, if requested, provide to the Trustee security or indemnity reasonably satisfactory to the Trustee against any loss, liability or expense;

(d) the Trustee does not comply with the request within 60 days after receipt of the request and the offer of such security or indemnity; and

(e) during such 60-day period, Holders of a majority in aggregate principal amount of the then outstanding Securities of that Series do not give the Trustee a direction inconsistent with such request.

A Holder may not use this Indenture to affect, disturb or prejudice the rights of another Holder or to obtain or seek to obtain a preference or priority over another Holder.

Section 6.07. *Rights of Holders of Securities to Receive Payment.*

Notwithstanding any other provision of this Indenture, the right of any Holder to receive payment of principal, premium, if any, and interest on the Security, on or after the respective due dates expressed in the Security (including in connection with an offer to purchase), or to bring suit for the enforcement of any such payment on or after such respective dates, shall not be impaired or affected without the consent of such Holder.

Section 6.08. *Collection Suit by Trustee.*

If an Event of Default specified in Section 6.01(a) or (b) hereof occurs and is continuing with respect to the Securities of any Series at the time outstanding, the Trustee is authorized to recover judgment in its own name and as Trustee of an express trust against the Company for the whole amount of principal of, premium, if any, and interest remaining unpaid on, such Securities and interest on overdue principal and, to the extent lawful, interest and such further amount as shall be sufficient to cover the costs and expenses of collection, including the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel.

Table of Contents

Section 6.09. *Trustee May File Proofs of Claim.*

The Trustee is authorized to file such proofs of claim and other papers or documents as may be necessary or advisable in order to have the claims of the Trustee (including any claim for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel) and the Holders of the Securities of such Series allowed in any judicial proceedings relative to the Company (or any other obligor upon the Series), its creditors or its property and shall be entitled and empowered to collect, receive and distribute any money or other securities or property payable or deliverable upon the exchange of the Securities of such Series or on any such claims and any custodian in any such judicial proceeding is hereby authorized by each Holder to make such payments to the Trustee, and in the event that the Trustee shall consent to the making of such payments directly to the Holders, to pay to the Trustee any amount due to it for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, and any other amounts due the Trustee under Section 7.07 hereof. To the extent that the payment of any such compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, and any other amounts due the Trustee under Section 7.07 hereof out of the estate in any such proceeding, shall be denied for any reason, payment of the same shall be secured by a Lien on, and shall be paid out of, any and all distributions, dividends, money, securities and other properties that the Holders may be entitled to receive in such proceeding whether in liquidation or under any plan of reorganization or arrangement or otherwise. Nothing herein contained shall be deemed to authorize the Trustee to authorize or consent to or accept or adopt on behalf of any Holder any plan of reorganization, arrangement, adjustment or composition affecting the Securities or the rights of any Holder, or to authorize the Trustee to vote in respect of the claim of any Holder in any such proceeding.

Section 6.10. *Priorities.*

If the Trustee collects any money or property pursuant to this Article 6, it shall pay out the money and property in the following order:

First: to the Trustee, its agents (including, without limitation, the Agents) and attorneys for amounts due under Section 7.07 hereof, including payment of all reasonable compensation, expenses and liabilities incurred, and all advances made, by the Trustee and the costs and expenses of collection;

Second: to Holders of Securities of any Series for amounts due and unpaid on such Securities for principal, premium, if any, and interest, ratably, without preference or priority of any kind, according to the amounts due and payable on such Securities for principal, premium, if any and interest, respectively; and

Third: to the Company or to such party as a court of competent jurisdiction shall direct.

The Trustee may fix a record date and payment date for any payment to Holders of Securities pursuant to this Section 6.10.

Section 6.11. *Undertaking for Costs.*

In any suit for the enforcement of any right or remedy under this Indenture or in any suit against the Trustee for any action taken or omitted by it as a Trustee, a court in its discretion may require the filing by any party litigant in the suit of an undertaking to pay the costs of the suit, and the court in its discretion may assess reasonable costs, including reasonable attorneys' fees and expenses, against any party litigant in the suit, having due regard to the merits and good faith of the claims or defenses made by the party litigant. This Section 6.11 does not apply to a suit by the Trustee, a suit by a Holder of a Security pursuant to Section 6.07 hereof, or a suit by Holders of more than 10% in aggregate principal amount of the then outstanding Securities of any Series.

ARTICLE 7 TRUSTEE

Section 7.01. *Duties of Trustee.*

(a) If an Event of Default has occurred and is continuing, and subject to any direction received by the requisite Holders, the Trustee shall exercise such of the rights and powers vested in it by this Indenture and use the same degree of care and skill in its exercise, as a prudent person would exercise or use under the circumstances in the conduct of such person's own affairs.

[Table of Contents](#)

(b) Except during the continuance of an Event of Default:

(1) the duties of the Trustee shall be determined solely by the express provisions of this Indenture or the TIA and the Trustee need perform only those duties that are specifically set forth in this Indenture and no others, and no implied covenants or obligations shall be read into this Indenture against the Trustee; and

(2) In the absence of bad faith on its part, the Trustee may conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon Officers' Certificates or Opinions of Counsel furnished to the Trustee and conforming to the requirements of this Indenture.

However, the Trustee will examine the Officers' Certificates and Opinions of Counsel to determine whether or not they conform to the requirements of this Indenture.

(c) The Trustee may not be relieved from liabilities for its own negligent action, its own negligent failure to act, or its own willful misconduct, except that:

(1) this paragraph does not limit the effect of paragraph (b) of this Section 7.01;

(2) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer, unless it is proved that the Trustee was negligent in ascertaining the pertinent facts; and

(3) the Trustee shall not be liable with respect to any action it takes or omits to take in good faith in accordance with a direction received by it pursuant to Section 6.05 hereof.

(d) Whether or not therein expressly so provided, every provision of this Indenture that in any way relates to the Trustee is subject to paragraphs (a), (b), (c) and (e) of this Section 7.01.

(e) No provision of this Indenture shall require the Trustee to expend or risk its own funds or incur any liability if it shall have reasonable grounds for believing that repayment of such funds or indemnity satisfactory to it against such risk or liability is not assured to it. The Trustee will be under no obligation to exercise any of its rights and powers under this Indenture at the request of any Holders, unless such Holder has offered to the Trustee security and indemnity satisfactory to it against any loss, liability or expense.

(f) The Trustee shall not be liable for interest on any money received by it except as the Trustee may agree in writing with the Company. Money held in trust by the Trustee need not be segregated from other funds except to the extent required by law.

(g) The Paying Agent, the Registrar and any authenticating agent shall be entitled to the protections, immunities and standard of care as are set forth in paragraphs (a), (b), (c) and (e) of this Section 7.01 with respect to the Trustee.

Section 7.02. Rights of Trustee.

(a) The Trustee may conclusively rely upon and shall be protected in acting or refraining from acting any document (whether in its original or facsimile form) believed by it to be genuine and to have been signed or presented by the proper Person. The Trustee need not investigate any fact or matter stated in the document.

(b) Before the Trustee acts or refrains from acting, it may require an Officers' Certificate or an Opinion of Counsel or both. The Trustee will not be liable for any action it takes or omits to take in good faith in reliance on such Officers' Certificate or Opinion of Counsel. The Trustee may consult with counsel and the written advice of such counsel or any Opinion of Counsel will be full and complete authorization and protection from liability in respect of any action taken, suffered or omitted by it hereunder in good faith and in reliance thereon.

(c) The Trustee may act through its attorneys and agents and shall not be responsible for the misconduct or negligence of any agent appointed with due care. No Depositary shall be deemed an agent of the Trustee and the Trustee shall not be responsible for any act or omission by any Depositary.

Table of Contents

(d) The Trustee will not be liable for any action it takes or omits to take in good faith that it believes to be authorized or within the rights or powers conferred upon it by this Indenture.

(e) Unless otherwise specifically provided in this Indenture, any demand, request, direction or notice from the Company shall be sufficient if signed by an Officer of the Company.

(f) The Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request or direction of any of the Holders unless such Holders have offered to the Trustee indemnity or security satisfactory to the Trustee against the losses, liabilities and expenses that might be incurred by it in compliance with such request or direction.

(g) The Trustee shall not be deemed to have notice of a Default or Event of Default unless a Responsible Officer of the Trustee has actual knowledge thereof or unless written notice of any event which is in fact such a Default or Event of Default is received by a Responsible Officer of the Trustee at the Corporate Trust Office specified in Section 11.02 hereof.

(h) The Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order, bond, debenture, note, other evidence of indebtedness or other paper or document, but the Trustee, in its discretion, may make such further inquiry or investigation into such facts or matters as it may see fit.

(i) The Trustee shall not be required to provide any bond or surety with respect to the execution of these trusts and powers.

(j) In no event shall the Trustee be liable to any person for special, punitive, indirect, consequential or incidental loss or damage of any kind whatsoever (including but not limited to lost profits), even if the Trustee has been advised of the likelihood of such loss or damage.

(k) The permissive right of the Trustee to take the actions permitted by this Indenture shall not be construed as an obligation or duty to do so.

(l) The Trustee may request that the Company deliver a certificate setting forth the names of individuals and/or titles of Officers authorized at such time to take specified actions pursuant to this Indenture.

Section 7.03. Individual Rights of Trustee.

The Trustee in its individual or any other capacity may become the owner or pledgee of Securities and may otherwise deal with the Company or any Affiliate of the Company with the same rights it would have if it were not Trustee. However, in the event that the Trustee acquires any conflicting interest it must eliminate such conflict within 90 days, apply to the Commission for permission to continue as Trustee (if this Indenture has been qualified under the TIA) or resign. Any Agent may do the same with like rights and duties. The Trustee is also subject to Section 7.10 and Section 7.11 hereof.

Section 7.04. Trustee's Disclaimer.

The Trustee shall not be responsible for and makes no representation as to the validity or adequacy of this Indenture or any Securities, it shall not be accountable for the Company's use of the proceeds from any Securities or any money paid to the Company or upon the Company's direction under any provision of this Indenture, it shall not be responsible for the use or application of any money received by any Paying Agent other than the Trustee, and it will not be responsible for any statement or recital herein or any statement in any Securities or any other document in connection with the sale of any Securities or pursuant to this Indenture other than its certificate of authentication.

Section 7.05. Notice of Defaults.

If a Default or Event of Default occurs and is continuing with respect to the Securities of any Series and if it is actually known to a Responsible Officer of the Trustee, the Trustee will deliver to Holders of Securities of that Series a notice of the Default or Event of Default within 90 days after it occurs, or, if later, after a Responsible Officer of the Trustee has knowledge of such Default or Event of Default. Except in the case of a Default or Event of Default in payment of principal of, premium, if any, or interest on any Security of any Series, the Trustee may withhold the notice from the Holders of such Securities if and so long as the Trustee in good faith determines that withholding the notice is in the interests of the Holders of such Securities.

Table of Contents

Section 7.06. *Reports by Trustee to Holders of the Securities.*

(a) Within 60 days after each May 15 beginning with the May 15 following the date of this Indenture, and for so long as Securities remain outstanding, the Trustee will deliver to the Holders of the Securities of any Series a brief report dated as of such reporting date that complies with TIA § 313(a) (but if no event described in TIA § 313(a) has occurred within the twelve months preceding the reporting date, no report need be transmitted). The Trustee also will comply with TIA § 313(b)(2). The Trustee will also deliver all reports as required by TIA § 313(c).

(b) A copy of each report at the time of its mailing to the Holders of Securities of any Series will be mailed by the Trustee to the Company and filed by the Trustee with the Commission and each stock exchange on which the Securities of any Series are listed in accordance with TIA § 313(d). The Company will promptly notify the Trustee when the Securities of any Series are listed on any stock exchange.

Section 7.07. *Compensation and Indemnity.*

(a) The Company will pay to the Trustee from time to time reasonable compensation for its acceptance of this Indenture and services hereunder as the parties shall agree in writing from time to time. The Trustee's compensation shall not be limited by any law on compensation of a trustee of an express trust. The Company shall reimburse the Trustee promptly upon request for all reasonable disbursements, advances and expenses incurred or made by it in addition to the compensation for its services. Such expenses shall include the reasonable compensation, disbursements and expenses of the Trustee's agents and counsel.

(b) The Company will indemnify the Trustee against any and all losses, liabilities or expenses incurred by it arising out of or in connection with the acceptance or administration of its duties under this Indenture, including the costs and expenses of enforcing this Indenture against the Company (including this Section 7.07), and defending itself against any claim (whether asserted by the Company, any Holder or any other Person) or liability in connection with the exercise or performance of any of its powers or duties hereunder, except to the extent any such loss, liability or expense may be attributable to its negligence, willful misconduct or bad faith. The Trustee shall notify the Company promptly of any claim for which it may seek indemnity. Failure by the Trustee to so notify the Company shall not relieve the Company of its obligations hereunder. The Company shall defend the claim and the Trustee will cooperate in the defense. The Trustee may have separate counsel and the Company shall pay the reasonable fees and expenses of such counsel. The Company need not pay for any settlement made without its consent, which consent will not be unreasonably withheld. This indemnification shall apply to officers, directors, employees, shareholders and agents of the Trustee.

(c) The obligations of the Company under this Section 7.07 shall survive the satisfaction and discharge of this Indenture or the resignation or removal of the Trustee.

(d) To secure the Company's payment obligations in this Section 7.07, the Trustee shall have a Lien prior to the Securities of any Series on all money or property held or collected by the Trustee. Such Lien shall survive the satisfaction and discharge of this Indenture.

(e) When the Trustee incurs expenses or renders services after an Event of Default specified in Section 6.01(d) or Section 6.01(e) hereof occurs, the expenses and the compensation for the services (including the fees and expenses of its agents and counsel) are intended to constitute expenses of administration under any Bankruptcy Law.

(f) The Trustee shall comply with the provisions of TIA § 313(b)(2) to the extent applicable.

Section 7.08. *Replacement of Trustee.*

(a) A resignation or removal of the Trustee and appointment of a successor Trustee shall become effective only upon the successor Trustee's acceptance of appointment as provided in this Section 7.08.

Table of Contents

(b) The Trustee may resign in writing at any time and be discharged from the trust hereby created by so notifying the Company. The Holders of a majority in aggregate principal amount of the then outstanding Securities of any Series may remove the Trustee with respect to that Series by so notifying the Trustee and the Company in writing. The Company may remove the Trustee with respect to Securities of one or more Series if:

- (1) the Trustee fails to comply with Section 7.10 hereof;
- (2) the Trustee is adjudged a bankrupt or an insolvent or an order for relief is entered with respect to the Trustee under any Bankruptcy Law;
- (3) a custodian or public officer takes charge of the Trustee or its property; or
- (4) the Trustee becomes incapable of acting.

(c) If the Trustee resigns or is removed or if a vacancy exists in the office of Trustee for any reason, the Company will promptly appoint a successor Trustee. Within one year after the successor Trustee takes office, the Holders of a majority in aggregate principal amount of the then outstanding Securities may appoint a successor Trustee to replace the successor Trustee appointed by the Company.

(d) If a successor Trustee with respect to the Securities of any one or more Series does not take office within 60 days after the retiring Trustee resigns or is removed, the retiring Trustee, the Company, or the Holders of at least 10% in aggregate principal amount of the then outstanding Securities of the applicable Series may petition any court of competent jurisdiction for the appointment of a successor Trustee.

(e) If the Trustee, after written request by any Holder who has been a Holder for at least six months, fails to comply with Section 7.10 hereof, such Holder may petition any court of competent jurisdiction for the removal of the Trustee and the appointment of a successor Trustee.

(f) A successor Trustee shall deliver a written acceptance of its appointment to the retiring Trustee and to the Company. Thereupon, the resignation or removal of the retiring Trustee will become effective, and the successor Trustee shall have all the rights, powers and duties of the Trustee under this Indenture. The successor Trustee shall deliver a notice of its succession to Holders. The retiring Trustee will promptly transfer all property held by it as Trustee to the successor Trustee; *provided* all sums owing to the Trustee hereunder have been paid and subject to the Lien provided for in Section 7.07 hereof. Notwithstanding replacement of the Trustee pursuant to this Section 7.08, the Company's obligations under Section 7.07 hereof shall continue for the benefit of the retiring Trustee.

Section 7.09. *Successor Trustee by Merger, etc.*

If the Trustee consolidates, merges or converts into, or transfers all or substantially all of its corporate trust business to, another corporation, the successor corporation without any further act will be the successor Trustee.

Section 7.10. *Eligibility; Disqualification.*

(a) There will at all times be a Trustee hereunder that is a national banking association or other corporation organized and doing business under the laws of the United States of America or of any state thereof that is authorized under such laws to exercise corporate trustee power, that is subject to supervision or examination by federal or state authorities and that has a combined capital and surplus of at least \$100.0 million as set forth in its most recent published annual report of condition.

(b) This Indenture shall always have a Trustee who satisfies the requirements of TIA § 310(a)(1), (2) and (5). The Trustee is subject to TIA § 310(b).

Section 7.11. *Preferential Collection of Claims Against the Company.*

The Trustee is subject to TIA § 311(a), excluding any creditor relationship listed in TIA § 311(b). A Trustee who has resigned or been removed shall be subject to TIA § 311(a) to the extent indicated therein.

ARTICLE 8
LEGAL DEFEASANCE AND COVENANT DEFEASANCE

Section 8.01. *Option to Effect Legal Defeasance or Covenant Defeasance.*

The Company may, at its option and at any time, elect to have either Section 8.02 or Section 8.03 hereof be applied to all outstanding Securities upon compliance with the conditions set forth below in this Article 8.

Section 8.02. *Legal Defeasance and Discharge.*

Upon the Company's exercise under Section 8.01 hereof of the option applicable to this Section 8.02, the Company will, subject to the satisfaction of the conditions set forth in Section 8.04 hereof, be deemed to have been discharged from its obligations with respect to all outstanding Securities (including the related guarantees, if any) on the date the conditions set forth below are satisfied (hereinafter, "**Legal Defeasance**"). For this purpose, Legal Defeasance means that the Company will be deemed to have paid and discharged the entire Indebtedness represented by the outstanding Securities (including the related guarantees, if any), which will thereafter be deemed to be "outstanding" only for the purposes of Section 8.05 hereof and the other Sections of this Indenture referred to in clauses (a) and (b) below, and to have satisfied all its other obligations under such Securities, such guarantees, if any, and this Indenture (and the Trustee, on demand of and at the expense of the Company, shall execute proper instruments acknowledging the same), except for the following provisions which will survive until otherwise terminated or discharged hereunder:

- (a) the rights of Holders of outstanding Securities of such Series to receive payments in respect of the principal of, premium, if any, and interest on, such Securities of such Series when such payments are due from the trust referred to in Section 8.04 hereof;
- (b) the Company's obligations with respect to such Securities of such Series under Article 2 and Sections 4.01 and 4.02 hereof;
- (c) the rights, powers, trusts, duties and immunities of the Trustee and the Company's obligations in connection therewith; and
- (d) this Article 8.

Subject to compliance with this Article 8, the Company may exercise its option under this Section 8.02 notwithstanding the prior exercise of its option under Section 8.03 hereof.

Section 8.03. *Covenant Defeasance.*

Upon the Company's exercise under Section 8.01 hereof of the option applicable to this Section 8.03, the Company and each of the guarantors, if any, shall, subject to the satisfaction of the conditions set forth in Section 8.04 hereof, be released from their obligations under the covenants contained in Section 4.03, 4.05 and Section 5.01 hereof as well as any additional covenants specified in a supplemental indenture for such Series of Securities or a Board Resolution or an Officers' Certificate delivered pursuant to Section 2.02 with respect to the outstanding Securities of any Series on and after the date the conditions set forth in Section 8.04 hereof are satisfied (hereinafter, "**Covenant Defeasance**"), and the outstanding Securities of such Series will thereafter be deemed not "outstanding" for the purposes of any direction, waiver, consent or declaration or act of Holders (and the consequences of any thereof) in connection with such covenants, but shall continue to be deemed "outstanding" for all other purposes hereunder (it being understood that such Securities shall not be deemed outstanding for accounting purposes). For this purpose, Covenant Defeasance means that, with respect to the outstanding Securities of such Series, the Company or any of its Subsidiaries may omit to comply with and will have no liability in respect of any term, condition or limitation set forth in any such covenant, whether directly or indirectly, by reason of any reference elsewhere herein to any such covenant or by reason of any reference in any such covenant to any other provision herein or in any other document and such omission to comply shall not constitute a Default or an Event of Default under Section 6.01 hereof with respect to such Series of Securities, but, except as specified above, the remainder of this Indenture and such Securities will be unaffected thereby. In addition, upon the Company's exercise under Section 8.01 hereof of the option applicable to this Section 8.03, subject to the satisfaction of the conditions set forth in Section 8.04 hereof, Section 6.01(c) hereof will not constitute an Event of Default with respect to such Securities.

Table of Contents

Section 8.04. *Conditions to Legal or Covenant Defeasance.*

The following shall be the conditions to the applicability of either Section 8.02 or 8.03 hereof to the outstanding Notes:

(a) the Company must irrevocably deposit with the Trustee, in trust, for the benefit of the Holders, cash in U.S. dollars non-callable Government Securities, or a combination thereof, in such amounts as will be sufficient, in the opinion of a nationally recognized firm of independent public accountants, to pay the principal of, premium, if any, and interest on the Securities on the stated date for payment thereof or on the applicable redemption date, as the case may be;

(b) in the case of an election under Section 8.02 hereof, the Company shall have delivered to the Trustee an Opinion of Counsel reasonably acceptable to the Trustee confirming that:

(1) the Company has received from, or there has been published by, the Internal Revenue Service a ruling; or

(2) since the date of this Indenture, there has been a change in the applicable federal income tax law,

in either case to the effect that, and based thereon such Opinion of Counsel shall confirm that, the beneficial owners of the outstanding Securities of such Series will not recognize income, gain or loss for federal income tax purposes as a result of such Legal Defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Legal Defeasance had not occurred;

(c) in the case of an election under Section 8.03 hereof, the Company shall have delivered to the Trustee an Opinion of Counsel in the United States reasonably acceptable to the Trustee confirming that the beneficial owners of the outstanding Securities of such Series will not recognize income, gain or loss for federal income tax purposes as a result of such Covenant Defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Covenant Defeasance had not occurred;

(d) no Default or Event of Default with respect to the outstanding Securities of such Series shall have occurred and be continuing on the date of such deposit (other than a Default or an Event of Default resulting from the borrowing of funds to be applied to such deposit and the grant of any Lien securing such borrowings);

(e) such Legal Defeasance or Covenant Defeasance shall not result in a breach or violation of, or constitute a default under this Indenture (other than a Default or Event of Default resulting from the borrowing of funds to be applied to such deposits and the grant of any Lien securing such borrowings) or any other material agreement or instrument to which the Company is a party or by which the Company is bound;

(f) the Company shall have delivered to the Trustee an Officers' Certificate stating that the deposit was not made by the Company with the intent of preferring the Holders over any other creditors of the Company or with the intent of defeating, hindering, delaying or defrauding any other creditors of the Company or others;

(g) the Company shall have delivered to the Trustee an Officers' Certificate and an Opinion of Counsel (which opinion may be subject to customary assumptions and exclusions), each stating that all conditions precedent provided for or relating to the Legal Defeasance or the Covenant Defeasance have been complied with; and

(h) the Company shall have delivered to the Trustee an Opinion of Counsel, stating that assuming no intervening bankruptcy of the Company between the date of deposit and the 124th day following the date of deposit and that no Holder is an insider of the Company, after the 124th day following the date of deposit, the trust funds will not be subject to the effect of any applicable bankruptcy, insolvency, reorganization or similar laws affecting creditors' rights generally.

Notwithstanding the foregoing, the Opinion of Counsel required by clause Section 8.04(b) above with respect to a Legal Defeasance need not be delivered if all outstanding Securities of such Series not theretofore delivered to the Trustee for cancellation (x) have become due and payable or (y) will become due and payable on the maturity date or a redemption date within one year under arrangements reasonably satisfactory to the Trustee for the giving of notice of redemption by the Trustee in the name, and at the expense, of the Company.

Section 8.05. *Deposited Money and Government Securities to Be Held in Trust; Other Miscellaneous Provisions.*

Subject to Section 8.06 hereof, all money and non-callable Government Securities (including the proceeds thereof) deposited with the Trustee (or other qualifying trustee, collectively for purposes of this Section 8.05, the "Trustee") pursuant to Section 8.04 hereof in respect of the outstanding Securities of any Series shall be held in

Table of Contents

trust and applied by the Trustee, in accordance with the provisions of such Securities and this Indenture, to the payment, either directly or through any Paying Agent (including the Company or any Subsidiary acting as Paying Agent) as the Trustee may determine, to the Holders of such Securities of all sums due and to become due thereon in respect of principal, premium, if any, and interest but such money need not be segregated from other funds except to the extent required by law.

The Company shall pay and indemnify the Trustee against any tax, fee or other charge imposed on or assessed against the cash or non-callable Government Securities deposited pursuant to Section 8.04 hereof or the principal and interest received in respect thereof other than any such tax, fee or other charge which by law is for the account of the Holders of the outstanding Securities of any Series.

Notwithstanding anything in this Article 8 to the contrary, the Trustee shall deliver or pay to the Company from time to time upon the request of the Company any money or non-callable Government Securities held by it as provided in Section 8.04 hereof which, in the opinion of a nationally recognized firm of independent public accountants expressed in a written certification thereof delivered to the Trustee (which may be the opinion delivered under Section 8.04(a) hereof), are in excess of the amount thereof that would then be required to be deposited to effect an equivalent Legal Defeasance or Covenant Defeasance.

Section 8.06. *Repayment to the Company.*

Subject to applicable abandoned property law, any money deposited with the Trustee or any Paying Agent, or then held by the Company, in trust for the payment of the principal of, premium, if any, or interest on any Security and remaining unclaimed for two years after such principal, premium, if any, or interest has become due and payable shall be paid to the Company on its request or (if then held by the Company) shall be discharged from such trust; and the Holder of such Security shall thereafter be permitted to look only to the Company for payment thereof, and all liability of the Trustee or such Paying Agent with respect to such trust money, and all liability of the Company as trustee thereof, will thereupon cease; *provided, however*, that the Trustee or such Paying Agent, before being required to make any such repayment, may at the expense of the Company cause to be published once, in the New York Times and The Wall Street Journal (national edition), notice that such money remains unclaimed and that, after a date specified therein, which will not be less than 30 days from the date of such notification or publication, any unclaimed balance of such money then remaining will be repaid to the Company.

Section 8.07. *Reinstatement.*

If the Trustee or Paying Agent is unable to apply any U.S. dollars or non-callable Government Securities with respect to Securities of any Series in accordance with Section 8.02 or Section 8.03 hereof, as the case may be, by reason of any order or judgment of any court or governmental authority enjoining, restraining or otherwise prohibiting such application, then, with respect to such Securities, the Company's and any applicable guarantors' obligations under this Indenture and the applicable Securities and guarantees will be revived and reinstated as though no deposit had occurred pursuant to Section 8.02 or Section 8.03 hereof until such time as the Trustee or Paying Agent is permitted to apply all such money in accordance with Section 8.02 or Section 8.03 hereof, as the case may be; *provided, however*, that, if the Company makes any payment of principal of, premium, if any, or interest on any such Securities following the reinstatement of its obligations, the Company will be subrogated to the rights of the Holders of such Securities to receive such payment from the money held by the Trustee or Paying Agent.

ARTICLE 9 AMENDMENT, SUPPLEMENT AND WAIVER

Section 9.01. *Without Consent of Holders of Securities.*

Notwithstanding Section 9.02 of this Indenture, the Company and the Trustee may amend or supplement this Indenture or the Securities of one or more Series without the consent of any Holder of Securities of any Series in order to:

- (a) cure any ambiguity, defect or inconsistency;
- (b) provide for the assumption by a Surviving Entity of the obligations of the Company under this Indenture;

Table of Contents

(c) provide for uncertificated Securities in addition to or in place of certificated Securities (provided that the uncertificated Securities are issued in registered form for purposes of Section 163(f) of the Code, or in a manner such that the uncertificated Securities are described in Section 163(f)(2)(B) of the Code);

(d) add guarantees with respect to the Securities of any Series or confirm and evidence the release, termination or discharge of any security or guarantee when such release, termination or discharge is permitted by this Indenture;

(e) secure the Securities of any Series, add to the covenants of the Company for the benefit of the Holders of the Securities of any Series or surrender any right or power conferred upon the Company;

(f) make any change that does not adversely affect the rights of any Holder of the Securities;

(g) comply with any requirement of the Commission in connection with the qualification of this Indenture under the TIA;

(h) evidence and provide for the acceptance of appointment by a successor Trustee;

(i) conform the text of this Indenture or the Securities to any provision of the "Description of Notes" of any prospectus, prospectus supplement, offering memorandum, offering circular or any other document pursuant to which the Securities of such Series were offered; or

(j) make any amendment to the provisions of this Indenture relating to the transfer and legending of the Securities as permitted by this Indenture, including, without limitation to facilitate the issuance and administration of the Securities; *provided* that (i) compliance with this Indenture as so amended would not result in the Securities being transferred in violation of the Securities Act or any applicable securities law and (ii) such amendment does not materially and adversely affect the rights of Holders to transfer the Securities.

Upon the request of the Company accompanied by a Board Resolution authorizing the execution of any such amended or supplemental indenture, and upon receipt by the Trustee of the documents described in Section 7.02 hereof, the Trustee will join with the Company in the execution of any amended or supplemental indenture authorized or permitted by the terms of this Indenture and to make any further appropriate agreements and stipulations that may be therein contained, but the Trustee will not be obligated to enter into such amended or supplemental indenture that affects its own rights, duties or immunities under this Indenture or otherwise.

Section 9.02. *With Consent of Holders of Securities.*

(a) The Company and the Trustee may enter into a supplemental indenture with the written consent of the Holders of not less than a majority of the aggregate principal amount of the outstanding Securities of each Series affected by such supplemental indenture (voting as one class) for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Indenture or of any supplemental indenture or Officers' Certificate or of modifying in any manner the rights of the Holders of each such Series, and the Company's compliance with any provision of this Indenture with respect to the Securities of any Series may be waived by written notice to the Trustee by the Holders of a majority of the aggregate principal amount of the outstanding Securities of such Series affected by the waiver (voting as one class). However, no modification, amendment or waiver under this Section 9.02 may, without the consent of the Holder of the outstanding Securities affected:

(1) reduce the principal amount, or extend the fixed maturity, of the Securities, alter or waive the redemption provisions of the Securities;

(2) change the currency in which principal, any premium or interest is paid;

(3) reduce the percentage in principal amount outstanding of the Securities which must consent to an amendment, supplement or waiver or consent to take any action;

(4) impair the right to institute suit for the enforcement of any payment on the Securities;

(5) waive a payment default with respect to the Securities or any guarantor;

Table of Contents

(6) reduce the interest rate or extend the time for payment of interest on the Securities; or

(7) adversely affect the ranking of the Securities.

It shall not be necessary for the consent of the Holders of Securities of any Series under this Section 9.02 to approve the particular form of any proposed supplemental indenture or waiver, but it shall be sufficient if such consent approves the substance thereof. Upon the request of the Company accompanied by a Board Resolution authorizing the execution of any such amended or supplemental indenture, and upon the filing with the Trustee of evidence satisfactory to the Trustee of the consent of the Holders of Securities of any Series as aforesaid, and upon receipt by the Trustee of the documents described in Section 7.02 hereof, the Trustee will join with the Company in the execution of such amended or supplemental indenture unless such amended or supplemental indenture directly affects the Trustee's own rights, duties or immunities under this Indenture or otherwise, in which case the Trustee may in its discretion, but will not be obligated to, enter into such amended or supplemental Indenture.

After a supplemental indenture or waiver under this section becomes effective, the Company shall promptly mail to the Holders of Securities of any Series affected thereby a notice briefly describing the supplemental indenture or waiver. Any failure by the Company to mail such notice, or any defect therein, shall not, however, in any way impair or affect the validity of any such supplemental indenture or waiver.

Section 9.03. *Compliance with Trust Indenture Act.*

Every amendment or supplement to this Indenture or the Securities of any Series will be set forth in an amended or supplemental indenture that complies with the TIA as then in effect.

Section 9.04. *Revocation and Effect of Consents.*

(a) Until an amendment, supplement or waiver becomes effective, a consent to it by a Holder of a Security is a continuing consent by the Holder of a Security and every subsequent Holder of a Security or portion of a Security that evidences the same debt as the consenting Holder's Security, even if notation of the consent is not made on any Security. However, any such Holder of a Security or subsequent Holder of a Security may revoke the consent as to its Security if the Trustee receives written notice of revocation before the date the amendment, supplement or waiver becomes effective. An amendment, supplement or waiver becomes effective in accordance with its terms and thereafter binds every Holder.

(b) Any amendment or waiver once effective shall bind every Holder of each Series affected by such amendment or waiver unless it is of the type described in any of clauses (1) through (7) of Section 9.02. In that case, the amendment or waiver shall bind each Holder of a Security who has consented to it and every subsequent Holder of a Security or portion of a Security that evidences the same debt as the consenting Holder's Security.

Section 9.05. *Notation on or Exchange of Securities.*

The Trustee may place an appropriate notation about an amendment, supplement or waiver on any Security of any Series thereafter authenticated. The Company in exchange for all Securities of that Series may issue and the Trustee shall, upon receipt of an Authentication Order, authenticate new Securities of that Series that reflect the amendment, supplement or waiver.

Failure to make the appropriate notation or issue a new Security will not affect the validity and effect of such amendment, supplement or waiver.

Section 9.06. *Trustee to Sign Amendments, etc.*

The Trustee will sign any amended or supplemental indenture authorized pursuant to this Article 9 if the amendment or supplement does not adversely affect the rights, duties, liabilities or immunities of the Trustee. The Company may not sign an amended or supplemental indenture until its Board of Directors approves it. In executing any amended or supplemental indenture or Securities, the Trustee will be entitled to receive and (subject to Section 7.01 hereof) will be fully protected in relying upon, in addition to the documents required by Section 11.04 hereof, an Officers' Certificate and an Opinion of Counsel stating that the execution of such amended or supplemental indenture or Securities is authorized or permitted by this Indenture.

ARTICLE 10
SATISFACTION AND DISCHARGE

Section 10.01. *Satisfaction and Discharge.*

This Indenture will be discharged and will cease to be of further effect (except as to surviving rights or registration of transfer or exchange of Securities of any Series, as expressly provided for in this Indenture) as to all outstanding Securities issued hereunder, when:

(a) either:

(1) all such Securities theretofore authenticated and delivered (except lost, stolen or destroyed Securities that have been replaced or paid and Securities for whose payment money has theretofore been deposited in trust or segregated and held in trust by the Company and thereafter repaid to the Company or discharged from such trust) have been delivered to the Trustee for cancellation; or

(2) all such Securities not theretofore delivered to the Trustee for cancellation (A) have become due and payable or (B) will become due and payable within one year, or are to be called for redemption within one year, under arrangements reasonably satisfactory to the Trustee for the giving of notice of redemption by the Trustee in the name, and at the expense, of the Company, and the Company has irrevocably deposited or caused to be deposited with the Trustee as trust funds in trust solely for the benefit of the Holders, cash in U.S. dollars, non-callable Government Securities, or a combination thereof, in such amounts as will be sufficient, without consideration of any reinvestment of interest, to pay and discharge the entire Indebtedness on such Securities not theretofore delivered to the Trustee for cancellation for principal of, premium, if any, and interest on such Securities to the date of maturity or redemption, as the case may be, together with irrevocable instructions from the Company directing the Trustee to apply such funds to the payment thereof at maturity or redemption, as the case may be;

(b) the Company or any guarantor of such Securities has paid or caused to be paid all sums payable by it under this Indenture; and

(c) the Company has delivered an Officers' Certificate and an Opinion of Counsel to the Trustee (which opinion may be subject to customary assumptions and exclusions), each stating that all conditions precedent under this Indenture relating to the satisfaction and discharge of this Indenture have been complied with.

Notwithstanding the satisfaction and discharge of this Indenture, if money has been deposited with the Trustee pursuant to subclause (2) of clause (a) of this Section 10.01, the provisions of Section 10.02 and Section 8.06 hereof will survive. In addition, nothing in this Section 10.01 will be deemed to discharge those provisions of Section 7.07 hereof, that, by their terms, survive the satisfaction and discharge of this Indenture.

Section 10.02. *Application of Trust Money.*

Subject to the provisions of Section 8.06 hereof, all money deposited with the Trustee pursuant to Section 10.01 hereof shall be held in trust and applied by it, in accordance with the provisions of the Securities with respect to which such deposit was made and this Indenture, to the payment, either directly or through any Paying Agent (including the Company acting as its own Paying Agent) as the Trustee may determine, to the Persons entitled thereto, of the principal (and premium, if any) and interest for whose payment such money has been deposited with the Trustee; but such money need not be segregated from other funds except to the extent required by law.

If the Trustee or Paying Agent is unable to apply any money or Government Securities in accordance with Section 10.01 hereof by reason of any legal proceeding or by reason of any order or judgment of any court or governmental authority enjoining, restraining or otherwise prohibiting such application, the Company's and any applicable guarantor's obligations under this Indenture and the applicable Securities shall be revived and reinstated as though no deposit had occurred pursuant to Section 10.01 hereof; *provided* that if the Company has made any payment of principal of, premium, if any, or interest on any such Securities of any Series because of the reinstatement of its obligations, the Company shall be subrogated to the rights of the Holders of such Securities to receive such payment from the money or Government Securities held by the Trustee or Paying Agent.

ARTICLE 11
MISCELLANEOUS

Section 11.01. *Trust Indenture Act Controls.*

If any provision of this Indenture limits, qualifies or conflicts with the duties imposed by TIA §318(c), the imposed duties shall control.

Section 11.02. *Notices.*

Any notice or communication by the Company or the Trustee to the others or by a Holder to the Company or the Trustee is duly given if in writing and delivered in Person or by first class mail (registered or certified, return receipt requested), facsimile transmission, delivered electronically (in .pdf or similar format) if, in case of electronic notices, receipt is confirmed, or overnight air courier guaranteeing next day delivery, to the others' address:

If to the Company:

Equinix, Inc.
One Lagoon Drive
Redwood City, CA 94065
Attention: Chief Legal Officer
Facsimile No.: [(650) 598-6913]

With a copy to:

Davis Polk & Wardwell LLP
1600 El Camino Real
Menlo Park, CA 94025
Attention: Alan F. Denenberg
Facsimile No.: (650) 752-3604
E-mail: alan.denenberg@davispolk.com

If to the Trustee:

U.S. Bank National Association
Corporate Trust Services
633 West Fifth Street, 24th Floor
Los Angeles, CA 90071
Attention: [Paula M. Oswald (Equinix 2017 Indenture)]
Facsimile No.: [(213) 615-6197]

The Company or the Trustee, by notice to the others, may designate additional or different addresses for subsequent notices or communications.

All notices and communications (other than those sent to Holders) shall be deemed to have been duly given: at the time delivered by hand, if personally delivered; five Business Days after being deposited in the mail, postage prepaid, if mailed; when receipt acknowledged, if transmitted by facsimile or email; and the next Business Day after timely delivery to the courier, if sent by overnight air courier guaranteeing next Business Day delivery.

Any notice or communication to a Holder shall be delivered by electronic transmission, first class mail, certified or registered, return receipt requested, or by overnight air courier guaranteeing next Business Day delivery to its address shown on the register kept by the Registrar. Any notice or communication shall also be so delivered to any Person described in TIA § 313(c), to the extent required by the TIA. Failure to deliver a notice or communication to a Holder or any defect in it will not affect its sufficiency with respect to other Holders.

If a notice or communication is delivered in the manner provided above within the time prescribed, it is duly given, whether or not the addressee receives it.

Table of Contents

If the Company delivers a notice or communication to Holders, it will deliver a copy to the Trustee and each Agent at the same time.

Where the Indenture provides for notice of any event to a Holder of a Global Security, such notice shall be sufficiently given if given to the Depository for such Global Security (or its designee), pursuant to the applicable procedures of the Depository, not later than the latest date (if any), and not earlier than the earliest date (if any), prescribed for the giving of such notice.

Section 11.03. Communication by Holders of Securities with Other Holders of Securities.

Holders may communicate pursuant to TIA § 312(b) with other Holders with respect to their rights under this Indenture or the applicable Securities. The Company, the Trustee, the Registrar and anyone else shall have the protection of TIA § 312(c).

Section 11.04. Certificate and Opinion as to Conditions Precedent.

Upon any request or application by the Company to the Trustee to take any action under this Indenture, the Company shall furnish to the Trustee:

(a) an Officers' Certificate in form reasonably satisfactory to the Trustee (which must include the statements set forth in Section 11.05 hereof) stating that, in the opinion of the signers, all conditions precedent and covenants, if any, provided for in this Indenture relating to the proposed action have been satisfied; and

(b) an Opinion of Counsel in form reasonably satisfactory to the Trustee (which must include the statements set forth in Section 11.05 hereof) stating that, in the opinion of such counsel, all such conditions precedent and covenants have been satisfied.

Section 11.05. Statements Required in Certificate or Opinion.

Each certificate or opinion with respect to compliance with a condition or covenant provided for in this Indenture (other than a certificate provided pursuant to Section 4.04 hereof or TIA § 314(a)(4)) must comply with the provisions of TIA § 314(e) and must include:

(a) a statement that the Person making such certificate or opinion has read such covenant or condition;

(b) a brief statement as to the nature and scope of the examination or investigation upon which the statements or opinions contained in such certificate or opinion are based;

(c) a statement that, in the opinion of such Person, he or she has made such examination or investigation as is necessary to enable him or her to express an informed opinion as to whether or not such covenant or condition has been satisfied (and, in the case of an Opinion of Counsel, may be limited to reliance on an Officers' Certificate as to matters of fact); and

(d) a statement as to whether or not, in the opinion of such Person, such condition or covenant has been satisfied.

Section 11.06. Rules by Trustee and Agents.

The Trustee may make reasonable rules for action by or at a meeting of Holders. The Registrar or Paying Agent may make reasonable rules and set reasonable requirements for its functions.

Section 11.07. No Personal Liability of Directors, Officers, Employees and Stockholder Members.

No past, present or future director, officer, employee, incorporator, agent, stockholder or Affiliate of the Company, as such, shall have any liability for any obligations of the Company under any Securities of any Series or under this Indenture or for any claim based on, in respect of, or by reason of, such obligations or their creation. No past, present or future director, officer, employee, incorporator, agent, stockholder or Affiliate of the Company, as such, shall have any liability for any obligations of the Company under the Securities, this Indenture or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each Holder of Securities by accepting a Security waives and releases all such liabilities. The waiver and release are part of the consideration for the execution of this Indenture and the issuance of the Securities.

Table of Contents

Section 11.08. *Governing Law.*

THE INTERNAL LAW OF THE STATE OF NEW YORK WILL GOVERN AND BE USED TO CONSTRUE THIS INDENTURE, THE SECURITIES AND THE GUARANTEES WITHOUT GIVING EFFECT TO APPLICABLE PRINCIPLES OF CONFLICTS OF LAW TO THE EXTENT THAT THE APPLICATION OF THE LAWS OF ANOTHER JURISDICTION WOULD BE REQUIRED THEREBY.

Section 11.09. *No Adverse Interpretation of Other Agreements.*

This Indenture may not be used to interpret any other indenture, loan or debt agreement of the Company, any of its Subsidiaries or of any other Person. Any such indenture, loan or debt agreement may not be used to interpret this Indenture.

Section 11.10. *Successors.*

All agreements of the Company in this Indenture and the Securities shall bind their respective successors and assigns. All agreements of the Trustee in this Indenture will bind its successors.

Section 11.11. *Severability.*

In case any provision in this Indenture or in the Securities shall be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

Section 11.12. *Counterpart Originals.*

This Indenture may be executed in any number of counterparts, and by the different parties on separate counterparts, each of which shall be deemed an original, but all of which together shall constitute but one and the same instrument. The exchange of copies of this Indenture and of signature pages by facsimile or PDF transmission shall constitute effective execution and delivery of this Indenture as to the parties hereto and may be used in lieu of the original Indenture for all purposes. Signatures of the parties hereto transmitted by facsimile or PDF shall be deemed to be their original signatures for all purposes.

Section 11.13. *Table of Contents, Headings, etc.*

The Table of Contents, Cross-Reference Table and Headings of the Articles and Sections of this Indenture have been inserted for convenience of reference only, are not to be considered a part of this Indenture and will in no way modify or restrict any of the terms or provisions hereof.

Section 11.14. *Waiver of Trial by Jury.*

EACH OF THE COMPANY AND THE TRUSTEE HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS INDENTURE, THE SECURITIES OR THE TRANSACTIONS CONTEMPLATED HEREBY.

Section 11.15. *Calculations.* The Company will be responsible for making all calculations called for under this Indenture or the Securities. The Company will make all such calculations in good faith and, absent manifest error, its calculations will be final and binding on Holders. The Company will provide a schedule of its calculations to the Trustee and the Trustee is entitled to rely conclusively upon the accuracy of such calculations without independent verification. The Trustee will deliver a copy of such schedule to any Holder upon the written request of such Holder.

Section 11.16. *Force Majeure.* In no event shall the Trustee be responsible or liable for any failure or delay in the performance of its obligations hereunder arising out of or caused by, directly or indirectly, forces beyond its control, including, without limitation, strikes, work stoppages, accidents, acts of war or terrorism, civil or military disturbances, nuclear or natural catastrophes or acts of God, and interruptions, loss or malfunctions of utilities, communications or computer (software or hardware) services; it being understood that the Trustee shall use reasonable efforts which are consistent with accepted practices in the banking industry to resume performance as soon as practicable under the circumstances.

[Table of Contents](#)

Section 11.17. *U.S.A. Patriot Act.* The parties hereto acknowledge that in accordance with Section 326 of the U.S.A. Patriot Act, the Trustee, like all financial institutions and in order to help fight the funding of terrorism and money laundering, is required to obtain, verify, and record information that identifies each person or legal entity that establishes a relationship or opens an account with the Trustee. The parties to this Indenture agree that they will provide the Trustee with such information as it may request in order for the Trustee to satisfy the requirements of the U.S.A. Patriot Act.

[Signatures on following page]

[Table of Contents](#)

Dated as of [], 20[]

EQUINIX, INC.

By: _____
Name:
Title:

U.S. BANK NATIONAL ASSOCIATION, as Trustee

By: _____
Name:
Title:

OPINION OF DAVIS POLK & WARDWELL LLP

November 7, 2017

Equinix, Inc.
One Lagoon Drive
Redwood City, California 94065

Ladies and Gentlemen:

Equinix, Inc., a Delaware corporation (the “**Company**”), is filing with the Securities and Exchange Commission a Registration Statement on Form S-3 (the “**Registration Statement**”) for the purpose of registering under the Securities Act of 1933, as amended (the “**Securities Act**”), (a) shares of common stock, par value \$0.001 per share (the “**Common Stock**”) of the Company; (b) shares of preferred stock, par value \$0.001 per share (the “**Preferred Stock**”) of the Company; (c) the Company’s debt securities (the “**Debt Securities**”), which may be issued pursuant to a senior debt indenture, between the Company and U.S. Bank National Association, as trustee (the “**Trustee**”) (the “**Indenture**”); (d) warrants of the Company (the “**Warrants**”), which may be issued under one or more warrant agreements (each, a “**Warrant Agreement**”) to be entered into between the Company and the warrant agent to be named therein (the “**Warrant Agent**”); (e) purchase contracts (the “**Purchase Contracts**”) which may be issued under one or more purchase contract agreements (each, a “**Purchase Contract Agreement**”) to be entered into between the Company and the purchase contract agent to be named therein (the “**Purchase Contract Agent**”); and (f) units (the “**Units**”) to be issued under one or more unit agreements to be entered into among the Company, a bank or trust company, as unit agent (the “**Unit Agent**”), and the holders from time to time of the Units (each such unit agreement, a “**Unit Agreement**”).

We, as your counsel, have examined originals or copies of such documents, corporate records, certificates of public officials and other instruments as we have deemed necessary or advisable for the purpose of rendering this opinion.

In rendering the opinions expressed herein, we have, without independent inquiry or investigation, assumed that (i) all documents submitted to us as originals are authentic and complete, (ii) all documents submitted to us as copies conform to authentic, complete originals, (iii) all documents filed as exhibits to the Registration Statement that have not been executed will conform to the forms thereof, (iv) all signatures on all documents that we reviewed are genuine, (v) all natural persons executing documents had and have the legal capacity to do so, (vi) all statements in certificates of public officials and officers of the Company that we reviewed were and are accurate and (vii) all representations made by the Company as to matters of fact in the documents that we reviewed were and are accurate.

Based upon the foregoing, and subject to the additional assumptions and qualifications set forth below, we advise you that, in our opinion:

1. When the necessary corporate action on the part of the Company has been taken to authorize the issuance and sale of such shares of Common Stock proposed to be sold by the Company, and when such shares of Common Stock are issued and delivered in accordance with the applicable underwriting or other agreement against payment therefor (in excess of par value thereof) or upon conversion or exercise of any security offered under the Registration Statement (the “**Offered Security**”), in accordance with the terms of such Offered Security or the instrument governing such Offered Security providing for such conversion or exercise as approved by the Board of Directors of the Company, for the consideration approved by such Board of Directors (which consideration is not less than the par value of the Common Stock), such shares of Common Stock will be validly issued, fully-paid and non-assessable.
2. Upon designation of the relative rights, preferences and limitations of any series of Preferred Stock by the Board of Directors of the Company and the proper filing with the Secretary of State of the State of Delaware of a Certificate of Designation relating to such series of Preferred Stock, all necessary corporate action on the part of the Company will have been taken to authorize the issuance and sale of such series of Preferred Stock proposed to be sold by the Company, and when such shares of Preferred Stock are issued and delivered in accordance with the applicable underwriting or other agreement against payment therefor (in excess of par value thereof), such shares of Preferred Stock will be validly issued, fully paid and non-assessable.

3. Assuming the Indenture and any supplemental indenture to be entered into in connection with the issuance of any Debt Securities have been duly authorized, executed and delivered by the Trustee and the Company; the specific terms of a particular series of Debt Securities have been duly authorized and established in accordance with the Indenture; and such Debt Securities have been duly authorized, executed, authenticated, issued and delivered in accordance with the Indenture and the applicable underwriting or other agreement against payment therefor, such Debt Securities will constitute valid and binding obligations of the Company, enforceable in accordance with their terms, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, concepts of reasonableness and equitable principles of general applicability, provided that we express no opinion as to (w) the enforceability of any waiver of rights under any usury or stay law or (x) the effect of fraudulent conveyance, fraudulent transfer or similar provision of applicable law on the conclusions expressed above.
4. When the Warrant Agreement to be entered into in connection with the issuance of any Warrants has been duly authorized, executed and delivered by the Warrant Agent and the Company; the specific terms of the Warrants have been duly authorized and established in accordance with the Warrant Agreement; and such Warrants have been duly authorized, executed, issued and delivered in accordance with the Warrant Agreement and the applicable underwriting or other agreement against payment therefor, such Warrants will constitute valid and binding obligations of the Company, enforceable in accordance with their terms, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, concepts of reasonableness and equitable principles of general applicability.
5. When the Purchase Contract Agreement to be entered into in connection with the issuance of any Purchase Contracts has been duly authorized, executed and delivered by the Purchase Contract Agent and the Company; the specific terms of the Purchase Contracts have been duly authorized and established in accordance with the Purchase Contract Agreement; and such Purchase Contracts have been duly authorized, executed, issued and delivered in accordance with the Purchase Contract Agreement and the applicable underwriting or other agreement against payment therefor, such Purchase Contracts will constitute valid and binding obligations of the Company, enforceable in accordance with their terms, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, concepts of reasonableness and equitable principles of general applicability.
6. When the Unit Agreement to be entered into in connection with the issuance of any Units has been duly authorized, executed and delivered by the Unit Agent and the Company; the specific terms of the Units have been duly authorized and established in accordance with the Unit Agreement; and such Units have been duly authorized, executed, issued and delivered in accordance with the Unit Agreement and the applicable underwriting or other agreement against payment therefor, such Units will constitute valid and binding obligations of the Company, enforceable in accordance with their terms, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, concepts of reasonableness and equitable principles of general applicability.

In connection with the opinions expressed above, we have assumed that, at or prior to the time of the delivery of any such security, (i) the Board of Directors of the Company shall have duly established the terms of such security and duly authorized the issuance and sale of such security and such authorization shall not have been modified or rescinded; (ii) the Company shall remain validly existing as a corporation in good standing under the laws of the State of Delaware; (iii) the Registration Statement shall have become effective and such effectiveness shall not have been terminated or rescinded; (iv) the Indenture, the Debt Securities, the Warrant Agreement, the Purchase Contract Agreement and the Unit Agreement are each valid, binding and enforceable agreements of each party thereto (other than as expressly covered above in respect of the Company); and (v) there shall not have occurred any change in law affecting the validity or enforceability of such security. We have also assumed that (i) the terms of any security whose terms are established subsequent to the date hereof and the issuance, execution, delivery and performance by the Company of any such security (a) require no action by or in respect of, or filing with, any governmental body, agency or official and (b) do not contravene, or constitute a default under, any provision of applicable law or public policy or regulation or any judgment, injunction, order or decree or any agreement or other instrument binding upon the Company and (ii) any Warrant Agreement, Purchase Contract Agreement and Unit Agreement will be governed by the laws of the State of New York.

We are members of the Bars of the States of New York and California and the foregoing opinion is limited to the laws of the State of New York and the General Corporation Law of the State of Delaware.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement referred to above and further consent to the reference to our name under the caption "Legal Matters" in the prospectus, which is a part of the Registration Statement. In giving this consent, we do not admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act.

Very truly yours,

/s/ Davis Polk & Wardwell LLP



Sullivan & Worcester LLP
One Post Office Square
Boston, MA 02109

T 617 338 2800
F 617 338 2880
www.sandw.com

November 7, 2017

Equinix, Inc.
One Lagoon Drive
Redwood City, California 94065

Ladies and Gentlemen:

The following opinion is furnished to Equinix, Inc., a Delaware corporation (the "Company"), to be filed with the Securities and Exchange Commission (the "SEC") as Exhibit 8.1 to the Company's Registration Statement on Form S-3 filed on the date hereof (including the prospectus forming a part thereof, the "Registration Statement") under the Securities Act of 1933, as amended (the "Act").

We have acted as tax counsel for the Company in connection with the preparation of the Registration Statement. We have reviewed originals or copies of such corporate records, such certificates and statements of officers of the Company and of public officials, and such other documents as we have considered relevant and necessary in order to furnish the opinion hereinafter set forth. In doing so, we have assumed the genuineness of all signatures, the legal capacity of natural persons, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as copies, and the authenticity of the originals of such documents. Specifically, and without limiting the generality of the foregoing, we have reviewed: (i) the Company's Amended and Restated Certificate of Incorporation; (ii) the Registration Statement; (iii) the Company's Annual Report on Form 10-K for its fiscal year ended December 31, 2016 (the "Form 10-K"); (iv) the Company's Quarterly Reports on Form 10-Q for its quarterly periods ended March 31, 2017, June 30, 2017, and September 30, 2017 (the "Forms 10-Q"); and (v) Exhibit 99.1 to the Company's Current Report on Form 8-K filed with the SEC on March 2, 2017 (the "Form 8-K"). For purposes of the opinion set forth below, we have assumed that any documents (other than documents which have been executed, delivered, adopted or filed, as applicable, by the Company prior to the date hereof) that have been provided to us in draft form will be executed, delivered, adopted and filed, as applicable, without material modification.

The opinion set forth below is based upon the Internal Revenue Code of 1986, as amended, the Treasury regulations issued thereunder, published administrative interpretations thereof, and judicial decisions with respect thereto, all as of the date hereof (collectively, "Tax Laws"). No assurance can be given that Tax Laws will not change. In the discussions with respect to Tax Laws matters in Exhibit 99.1 to the Form 8-K certain assumptions have been made therein and certain conditions and qualifications have been expressed therein, all of which assumptions, conditions and qualifications are incorporated herein by reference. With respect to all questions of fact on which our opinion is based, we have assumed the initial and continuing truth, accuracy and completeness of: (i) the factual information set forth in the Registration Statement, in the Form 10-K, in the Forms 10-Q, in the Form 8-K or in any exhibits thereto or any documents incorporated therein by reference; and (ii) representations made to us by officers of the Company or contained in the Registration Statement, in the Form 10-K, in the Forms 10-Q, in the Form 8-K or in any exhibits thereto or any documents incorporated therein by reference, in each such instance without regard to qualifications such as "to the best knowledge of" or "in the belief of". We have not independently verified such information.

We have relied upon, but not independently verified, the foregoing assumptions. If any of the foregoing assumptions are inaccurate or incomplete for any reason, or if the transactions described in the Registration Statement, in the Form 10-K, in the Forms 10-Q, in the Form 8-K, or in any exhibits thereto or any documents incorporated therein by reference, have been or are consummated in a manner that is inconsistent with the manner contemplated therein, our opinion as expressed below may be adversely affected and may not be relied upon.

Based upon and subject to the foregoing: (i) we are of the opinion that the discussions with respect to Tax Laws matters in Exhibit 99.1 to the Form 8-K in all material respects are, subject to the limitations set forth therein, the material Tax Laws considerations relevant to holders of the securities of the Company discussed therein (the "Securities"); and (ii) we hereby confirm that the opinions of counsel referred to in said Exhibit represent our opinions on the subject matters thereof.

Our opinion above is limited to the matters specifically covered hereby, and we have not been asked to address, nor have we addressed, any other matters or any other transactions. Further, we disclaim any undertaking to advise you of any subsequent changes of the matters stated, represented or assumed herein or any subsequent changes in Tax Laws.

This opinion is rendered to you in connection with the filing of the Registration Statement. Purchasers and holders of the Securities are urged to consult their own tax advisors or counsel, particularly with respect to their particular tax consequences of acquiring, holding, and disposing of the Securities, which may vary for investors in different tax situations. We hereby consent to the filing of a copy of this opinion as an exhibit to the Registration Statement and to the references to our firm in the Registration Statement. In giving such consent, we do not thereby admit that we come within the category of persons whose consent is required under Section 7 of the Act or under the rules and regulations of the SEC promulgated thereunder.

Very truly yours,

/s/ Sullivan & Worcester LLP

SULLIVAN & WORCESTER LLP

Equinix, Inc.
Computation of Consolidated Ratio of Earnings to Fixed Charges
(in thousands, except ratio data)

	Year ended December 31,					Nine months ended September 30,
	2012	2013	2014	2015	2016	2017
<i>Earnings:</i>						
Income from continuing operations before income taxes	\$ 188,622	\$ 112,279	\$ 84,733	\$ 210,998	\$ 159,859	\$ 192,679
<i>Fixed charges:</i>						
Interest expense	200,328	248,792	270,553	299,055	392,156	352,554
Amortization of capitalized interest	3,851	4,858	5,536	6,277	6,840	5,995
Interest factor on operating leases	34,001	33,811	31,617	30,464	42,181	34,570
Subtotal	<u>238,180</u>	<u>287,461</u>	<u>307,706</u>	<u>335,796</u>	<u>441,177</u>	<u>393,119</u>
Total Earnings	<u>\$ 426,802</u>	<u>\$ 399,740</u>	<u>\$ 392,439</u>	<u>\$ 546,794</u>	<u>\$ 601,036</u>	<u>\$ 585,798</u>
<i>Fixed Charges:</i>						
Interest expense	\$ 200,328	\$ 248,792	\$ 270,553	\$ 299,055	\$ 392,156	\$ 352,554
Capitalized interest	30,643	10,608	19,004	10,943	13,338	20,573
Interest factor on operating leases	34,001	33,811	31,617	30,464	42,181	34,570
Total Fixed Charges	<u>\$ 264,972</u>	<u>\$ 293,211</u>	<u>\$ 321,174</u>	<u>\$ 340,462</u>	<u>\$ 447,675</u>	<u>\$ 407,697</u>
Ratio of Earnings to Fixed Charges	<u><u>1.6x</u></u>	<u><u>1.4x</u></u>	<u><u>1.2x</u></u>	<u><u>1.6x</u></u>	<u><u>1.3x</u></u>	<u><u>1.4x</u></u>

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-3 of our report dated February 27, 2017 except with respect to our opinion on the consolidated financial statements insofar as it relates to the adoption of ASU No. 2016-18 Statement of Cash Flows: Restricted Cash and ASU 2016-09, Compensation—Stock Compensation: Improvement to Employee Share- Based Payment Accounting described in Note 1 as to which the date is August 3, 2017, relating to the financial statements, financial statement schedule and the effectiveness of internal control over financial reporting, which appears in Equinix Inc.'s Current Report on Form 8-K dated August 3, 2017. We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ PricewaterhouseCoopers LLP

San Jose, California

November 6, 2017

CONSENT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS

We consent to the reference to our firm under the caption “Experts” in this Registration Statement (Form S-3) and to the incorporation by reference of our report dated February 28, 2017, with respect to the abbreviated financial statements of Verizon Communications Inc.’s (“Verizon”) Selected Sites of Verizon’s Colocation and Data Center Interconnect Operations (“Group”), which comprise the Statements of Assets Acquired and Liabilities Assumed as of December 31, 2016 and 2015, the related Statements of Net Revenues and Direct Expenses for each of the three years in the period ended December 31, 2016, and the related notes to the abbreviated financial statements.

/s/ Ernst & Young LLP

Orlando, Florida

November 6, 2017

CONSENT OF INDEPENDENT ACCOUNTANTS

We hereby consent to the incorporation by reference in this Registration Statement on FormS-3 of Equinix, Inc. of our report dated March 6, 2017 relating to the financial statements of Telecity Group Limited (formerly Telecity Group plc), which appears in the Current Report on Form 8-K/A of Equinix, Inc. filed on March 7, 2017. We also consent to the reference to us under the heading “Experts” in such Registration Statement.

/s/ PricewaterhouseCoopers LLP

London, United Kingdom

November 6, 2017

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM T-1

**STATEMENT OF ELIGIBILITY UNDER
THE TRUST INDENTURE ACT OF 1939
OF A CORPORATION DESIGNATED TO ACT AS TRUSTEE**

Check if an Application to Determine Eligibility of a Trustee Pursuant to Section 305(b)(2)

U.S. BANK NATIONAL ASSOCIATION

(Exact name of Trustee as specified in its charter)

31-0841368
I.R.S. Employer Identification No.

800 Nicollet Mall
Minneapolis, Minnesota
(Address of principal executive offices)

55402
(Zip Code)

Paula Oswald
U.S. Bank National Association
633 West Fifth Street, 24th Floor, Los Angeles, CA 90071
(213) 615-6043
(Name, address and telephone number of agent for service)

Equinix, Inc.
(Issuer with respect to the Securities)

Delaware
(State or other jurisdiction of incorporation or organization)

77-0487526
(I.R.S. Employer Identification No.)

One Lagoon Drive
Redwood City, California
(Address of Principal Executive Offices)

94065
(Zip Code)

Debt Securities
(Title of the Indenture Securities)

FORM T-1

Item 1. GENERAL INFORMATION. Furnish the following information as to the Trustee.

- a) *Name and address of each examining or supervising authority to which it is subject.*
Comptroller of the Currency
Washington, D.C.
- b) *Whether it is authorized to exercise corporate trust powers.*
Yes

Item 2. AFFILIATIONS WITH OBLIGOR. *If the obligor is an affiliate of the Trustee, describe each such affiliation.*

None

Items 3-15 *Items 3-15 are not applicable because to the best of the Trustee's knowledge, the obligor is not in default under any Indenture for which the Trustee acts as Trustee.*

Item 16. LIST OF EXHIBITS: *List below all exhibits filed as a part of this statement of eligibility and qualification.*

1. A copy of the Articles of Association of the Trustee.*
2. A copy of the certificate of authority of the Trustee to commence business, attached as Exhibit 2.
3. A copy of the certificate of authority of the Trustee to exercise corporate trust powers, attached as Exhibit 3.
4. A copy of the existing bylaws of the Trustee.**
5. A copy of each Indenture referred to in Item 4. Not applicable.
6. The consent of the Trustee required by Section 321(b) of the Trust Indenture Act of 1939, attached as Exhibit 6.
7. Report of Condition of the Trustee as of September 30, 2017 published pursuant to law or the requirements of its supervising or examining authority, attached as Exhibit 7.

* Incorporated by reference to Exhibit 25.1 to Amendment No. 2 to registration statement on S-4, Registration Number 333-128217 filed on November 15, 2005.

** Incorporated by reference to Exhibit 25.1 to registration statement on form S-3ASR, Registration Number 333-199863 filed on November 5, 2014.

SIGNATURE

Pursuant to the requirements of the Trust Indenture Act of 1939, as amended, the Trustee, U.S. BANK NATIONAL ASSOCIATION, a national banking association organized and existing under the laws of the United States of America, has duly caused this statement of eligibility and qualification to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of Los Angeles, California on the 1st day of November, 2017.

By: /s/ Paula Oswald _____
Paula Oswald
Vice President



Office of the Comptroller of the Currency

Washington, DC 20219

CERTIFICATE OF CORPORATE EXISTENCE

I, Keith A. Noreika, Acting Comptroller of the Currency, do hereby certify that:

1. The Comptroller of the Currency, pursuant to Revised Statutes 324, et seq, as amended, and 12 USC 1, et seq, as amended, has possession, custody, and control of all records pertaining to the chartering, regulation, and supervision of all national banking associations.
2. "U.S. Bank National Association," Cincinnati, Ohio (Charter No. 24), is a national banking association formed under the laws of the United States and is authorized thereunder to transact the business of banking on the date of this certificate.



IN TESTIMONY WHEREOF, today,
June 7, 2017, I have hereunto
subscribed my name and caused my seal of
office to be affixed to these presents at the
U.S. Department of the Treasury, in the City
of Washington, District of Columbia.

A handwritten signature in black ink, appearing to read "Keith A. Noreika".

Acting Comptroller of the Currency



Office of the Comptroller of the Currency

Washington, DC 20219

CERTIFICATE OF FIDUCIARY POWERS

I, Keith A. Noreika, Acting Comptroller of the Currency, do hereby certify that:

1. The Comptroller of the Currency, pursuant to Revised Statutes 324, et seq, as amended, and 12 USC 1, et seq, as amended, has possession, custody, and control of all records pertaining to the chartering, regulation, and supervision of all national banking associations.
2. "U.S. Bank National Association," Cincinnati, Ohio (Charter No. 24), was granted, under the hand and seal of the Comptroller, the right to act in all fiduciary capacities authorized under the provisions of the Act of Congress approved September 28, 1962, 76 Stat. 668, 12 USC 92a, and that the authority so granted remains in full force and effect on the date of this certificate.



IN TESTIMONY WHEREOF, today,
June 7, 2017, I have hereunto
subscribed my name and caused my seal of
office to be affixed to these presents at the
U.S. Department of the Treasury, in the City
of Washington, District of Columbia.

A handwritten signature in black ink, appearing to read "Keith A. Noreika".

Acting Comptroller of the Currency

Exhibit 6

CONSENT

In accordance with Section 321(b) of the Trust Indenture Act of 1939, the undersigned, U.S. BANK NATIONAL ASSOCIATION hereby consents that reports of examination of the undersigned by Federal, State, Territorial or District authorities may be furnished by such authorities to the Securities and Exchange Commission upon its request therefor.

Dated: November 1, 2017

By: /s/ Paula Oswald

Paula Oswald
Vice President

Exhibit 7
U.S. Bank National Association
Statement of Financial Condition
As of 9/30/2017

(\$000's)

	<u>9/30/2017</u>
Assets	
Cash and Balances Due From Depository Institutions	\$ 20,502,653
Securities	110,797,206
Federal Funds	24,647
Loans & Lease Financing Receivables	277,953,611
Fixed Assets	4,538,527
Intangible Assets	12,820,876
Other Assets	<u>25,614,306</u>
Total Assets	\$452,251,826
Liabilities	
Deposits	\$353,914,855
Fed Funds	992,263
Treasury Demand Notes	0
Trading Liabilities	989,885
Other Borrowed Money	31,965,947
Acceptances	0
Subordinated Notes and Debentures	3,300,000
Other Liabilities	<u>14,438,977</u>
Total Liabilities	\$405,601,927
Equity	
Common and Preferred Stock	18,200
Surplus	14,266,915
Undivided Profits	31,565,657
Minority Interest in Subsidiaries	<u>799,127</u>
Total Equity Capital	\$ 46,649,899
Total Liabilities and Equity Capital	\$452,251,826