



# FOREWORD

The *State Assessment Manual* describes the principles and procedures used by the Board in the assessment of state-assessed property. It is designed to assist Board staff, state assessees and their representatives, county assessors and their staffs, and others with an interest in state assessment. This edition of the *State Assessment Manual* is an update of the manual that was rewritten in March 2003.

Important topics covered include the following: state assessment jurisdiction, standard of value, the unit valuation concept, allocation of unitary value, and appeals of state assessments. Appendices address several other aspects of state assessment, including the Private Railroad Car Tax, property transactions and jurisdictional changes, the Board's system of property classification codes, a calendar of important state assessment dates, and pertinent constitutional, statutory, regulatory, and judicial citations. The manual also contains a glossary and bibliography.

The manual was prepared within an open process that allowed input from industry representatives, county assessors, and others. Any issues regarding the manual's final language and contents that could not be resolved by consensus among interested parties were voted on and resolved by the Members of the Board of Equalization after hearing relevant testimony from interested parties and Board staff.

Under Government Code sections 15606 et seq., the State Board of Equalization is charged with the duty of administratively enforcing and interpreting the statutes governing the local assessment function. While regulations adopted by the State Board of Equalization are binding as law, Board-adopted manuals are advisory only. Nevertheless, courts have held that they may be properly considered as evidence in the adjudicatory process.<sup>1</sup> The citations and law references in this publication were current as of the writing of the manual.

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<sup>1</sup> *Prudential Ins. Co. v. City and County of San Francisco* (1987) 191 Cal.App.3d 1142; *Hunt Wesson Foods, Inc. v. County of Alameda* (1974) 41 Cal.App.3d 163; *Elk Hills Power, LLC v. Board of Equalization* (2013) 57 Cal.4th 593; *SHC Half Moon Bay, LLC v. County of San Mateo* (2014) 226 Cal.App.4th 471.

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# CHAPTER 1: STATE ASSESSMENT JURISDICTION

## HISTORICAL BACKGROUND

Under the California Constitution of 1849, the state's first, the property tax was the primary source of revenue for both state and local government. Local assessors were responsible for the assessment of all taxable property; the state had no assessment responsibilities. To support its operations, however, the state levied a separate state tax on the locally generated assessment rolls.

Under the Constitution of 1879, the Board of Equalization assumed responsibility for the centralized assessment of the roadway, roadbed, rails, rolling stock, and franchises of intercounty railroads, marking the beginning of state assessment in California. The Board's assessments were apportioned to the local assessment rolls; all other property remained subject to assessment by the local assessor of the county in which the property was situated. There was no change in the way taxes were levied by the state and local jurisdictions—both continued to levy a tax against the local assessment rolls.<sup>2</sup>

Under a constitutional amendment of 1910, implemented through the Comprehensive Tax Act of 1911, the state, and hence the Board, took a leave of absence from the assessment function for roughly a quarter of a century. The primary feature of this legislation was to separate the sources of state and local tax revenues. State government was supported by a new set of taxes levied exclusively for state purposes in lieu of property taxes. The in-lieu taxes reached a number of industries and were levied as follows:

1. On gross receipts from operations of railroad companies, gas and electric companies, telephone and telegraph companies, car companies and express companies, in lieu of all other taxes and licenses on the operating property of such companies.
2. On gross premiums of insurance companies in lieu of all other taxes and licenses, except local taxes on real property.
3. On capital stock of banks in lieu of all other taxes and licenses on such stock and on the banks except local taxes on real property.
4. On all franchises, general, corporate and special, except franchises held by public utilities, insurance companies, or banks otherwise taxed for state purposes.

While the Board was charged with assessing the foregoing companies for the in-lieu tax levies, all other property remained locally assessed and subject to ad valorem property taxation for the support of local government.

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<sup>2</sup> Under the Constitution of 1879, only railroad property was subject to state assessment, and only enumerated types of railroad property.

In 1933, a state fiscal crisis led to a constitutional amendment producing significant tax reform. The resulting Riley-Stewart Plan for tax relief, perhaps best known for introducing the sales and use tax to California, abandoned the in-lieu gross receipts tax and once again made the property of "public utilities" subject to ad valorem taxation. The plan retained the feature of central assessment by the Board introduced in the Constitution of 1879, and extended the Board's assessment jurisdiction to a broader class of "public utilities" and to all of the taxable property of certain types of enterprises. As previously, state assessments were allocated to the local assessment rolls for the purpose of local property taxation, but now no state tax was levied on the local rolls. The current jurisdiction of state assessment, described in greater detail below, essentially derives from the constitutional amendment of 1933, as does the state's present tax structure, in which non-property tax sources support state government (primarily the sales and use tax and the income tax) and property taxes support local jurisdictions.

## CONSTITUTIONAL PROVISIONS

Section 19 of article XIII of the California Constitution requires the Board to annually assess certain described types of property. The first paragraph of section 19 divides this property into two categories:

The Board shall annually assess (1) pipelines, flumes, canals, ditches, and aqueducts lying within 2 or more counties and (2) property, except franchises, owned or used by regulated railway, telegraph, or telephone companies, car companies operating on railways in the State, and companies transmitting or selling gas or electricity. This property shall be subject to taxation to the same extent and in the same manner as other property.

The first category of property consists of specific types of improvements, that is, pipelines, flumes, canals, ditches, and aqueducts lying within two or more counties. The important qualification with regard to this category is that the properties are located "within two or more counties," without regard to the nature of the property owner. For example, if an oil company owns a pipeline lying within two or more counties, the Board is required to assess the pipeline but no other property owned by the oil company.

The second category of property consists of all taxable property, excluding franchises, owned or used by regulated railway, telegraph, or telephone companies; car companies operating on railways in the state; and companies transmitting or selling gas or electricity. Rather than being based on the type of property to be assessed, this category includes *all* of the property that is owned or used by specified types of companies. Under this category, all of the property owned or used by a specified company is subject to the Board's assessment. For example, Southern Pacific Railroad was at one time the largest private property owner in the state. For historical reasons, it owned large tracts of land in addition to the property owned or used for railroad purposes. Under section 19, the Board was required to assess all of its property, including the tracts of land not actually used for railroad purposes.

The provisions of the Revenue and Taxation Code implementing section 19 of article XIII are found in sections 721 and following.<sup>3</sup> Section 721 states that the Board shall annually value and assess all of the taxable property within the state that is to be assessed by it pursuant to section 19 of the California Constitution and any legislative authorization thereunder. Section 721, however, does not provide any definition or detail regarding the type of property to be assessed beyond that listed in section 19 of article XIII.

Several historical reasons led to central assessment by the Board most of which derived from perceived problems associated with the assessment of railroad property during the 1870's, shortly after California's statehood. These issues mirrored those in several eastern and Midwestern states that arose slightly earlier.

First, early railroads were the first entities to operate across county, and often state, boundaries. The "continuous property" of railroads (e.g., roadway, roadbed, and rails) was assessed markedly differently among counties. This created a significant problem related to intercounty uniformity and equalization of assessment, a mandate of the state's first Constitution. Centralized assessment was also considered the most efficient assessment solution for "migratory properties," such as private railroad cars, because of the difficulty of determining the location, or situs, of such properties on the lien date.

A second consideration involved doubts regarding the ability of local assessors to render equitable assessments given the political power of the early railroads. In this context, state assessment represented a countervailing power.

Finally, there was a concern that the true value of railroad property as part of an operating unit, was not being reflected in the separate assessments of the local assessors.

### **SOME JURISDICTIONAL PRINCIPLES**

Over the years, there have been numerous interpretations of the language in section 19 of article XIII, by the Board itself and others, relating to the Board's assessment jurisdiction. This section discusses some of the principles that have emerged and how they have been applied.

First, as a quasi-judicial, constitutional body, the Board has the right to determine its own jurisdiction in the first instance. In essence, this means that the Board has the right to pass on its own jurisdiction first, and that this determination will stand unless overruled by a higher legal authority. This power stems from other powers conferred on the Board in sections 11, 17, 18, and 19 of article XIII of the State Constitution that are quasi-judicial in nature and on the Board's status as an agency of constitutional origin.

Second, the Board's assessment jurisdiction over property owned or used by various types of common carrier (i.e., transportation) and public utility companies extends both to those that are

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<sup>3</sup> All references to "section 19" refer to article XIII of the California Constitution. All other "section" references are to the Revenue and Taxation Code unless otherwise designated.



"regulated" and those that are "unregulated." For example, section 19 of article XIII grants the Board jurisdiction to assess "property, except franchises, owned or used by regulated railway, telegraph, or telephone companies, car companies operating on railways in the state, and companies transmitting or selling gas or electricity." In this passage, the word "regulated" does not modify "car companies" or "companies transmitting gas or electricity." Thus, the Board's jurisdiction does not extend to unregulated railway, telegraph, or telephone companies, but may extend to car companies and companies transmitting or selling gas or electricity whether or not such companies are regulated.<sup>4</sup>

The majority of companies whose property the Board has historically assessed have been regulated in the sense that they hold Certificates of Public Convenience and Necessity (CPCN) from the California Public Utilities Commission (CPUC), or in the sense that many telephone companies are regulated by the Common Carrier Bureau of the Federal Communications Commission (FCC).

Until recent years, many companies subject to state assessment were also rate-regulated, meaning that in exchange for certain monopoly rights over a designated franchise or service area, the companies were limited in the rates they could charge. Other companies were, and some still are, rate-base/rate-of-return regulated, meaning that the rates, or income, that regulators allow such companies to earn are designed to cover costs, including taxes and depreciation, and also provide a "fair" rate of return on investment, often as measured by a fair rate of return on rate base. Rate base, with some modifications, is essentially the book, or accounting, value of the company's assets used in providing service. With the deregulation of several industries in the last decade of the 20<sup>th</sup> century, however, the majority of state assessees are no longer subject to rate regulation or rate-base/rate-of-return regulation.

Third, while the Board historically has assumed jurisdiction of investor-owned "public utilities," some state assessees are not public utilities in the common meaning of that term. A definition of "public utilities" from section 3, article XII, of the California Constitution provides, in part:

Private corporations and persons that own, operate, control, or manage a line, plant, or system for...the production, generation, transmission, or furnishing of heat, light...power...directly or indirectly to or for the public...are public utilities subject to control by the Legislature....

Some of the types of state assessees enumerated in section 19 of article XIII are within the above definition of investor-owned public utilities and some are not. For example, many companies that own pipelines, canals, or aqueducts are not public utilities by this definition. Consequently, the Board does not rely on a definition of "public utilities" as the touchstone of its jurisdiction. Rather, the Board has consistently assessed only those types of property and the property of those types of companies enumerated under section 19 of article XIII, whether or not the companies are

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<sup>4</sup> By interpretation, see Proposed Revision of California Constitution, article XIII, Appendix to Senate Daily Journal, May 14, 1974, p.27; by application, see Rule 905 of Title 18, Public Revenues, California Code of Regulations, *Assessment of Electric Generation Facilities*.

"regulated" or meet the definition of a "public utility." The Board's determination of jurisdiction does not rest on the outward appearances of a property or company, but rather on whether the Board concludes that section 19 article XIII provides the Board with jurisdiction to assess. A recent example of the Board determining both the extent and limits of its jurisdiction under section 19 of article XIII occurred as a result of the restructuring of the electric industry, which is discussed in further detail below under that specific area of the Board's jurisdiction.

## **SPECIFIC AREAS OF BOARD JURISDICTION**

### **RAILROADS AND PRIVATE RAILROAD CARS**

The property of "regulated railways" is specifically enumerated in section 19 of article XIII as subject to state assessment. All railways are regulated in that they are subject to safety and common carrier regulation by the United States Department of Transportation. The Board holds assessment jurisdiction over all railways, including so-called "shortline railroads"—those that own track and are located within only one county.<sup>5</sup>

The property of "car companies operating on railways in the state" is also specifically enumerated in section 19 of article XIII. The Private Railroad Car Tax, at sections 11201 and following, prescribes a specific method for the assessment of this type of property. As unambiguously defined in section 11203, a "private railroad car:"

...includes any railroad rolling stock intended for the transportation of any persons, commodity, or material, operated on the railroads of this state, which car is owned by a person other than a railroad or the National Railroad Passenger Corporation....

In addition to assessing private railroad cars, the Board also levies and collects the corresponding tax, which is deposited in the state's General Fund.<sup>6</sup>

### **INTERCOUNTY PIPELINES**

As previously discussed, intercounty pipelines are subject to Board assessment because of property type and location not because of the nature of their ownership.

In *Southern Pacific Pipe Lines, Inc. v. State Board of Equalization* (1993),<sup>7</sup> the court held that the Board could not assess three pipeline facilities because the facilities were not essential and necessary to the operation of intercounty pipelines. The court held that the term "pipelines" in section 19 referred to the pipelines only, not to the underlying land or rights-of-way or to adjacent lands and improvements. This holding was later codified in sections 401.10 and

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<sup>5</sup> In a transportation-industry context, a "common carrier" can be defined very generally as an entity engaged in transporting persons, goods, or messages for the public over a regular route, according to a specified schedule, and for an approved charge or fee, all of which are usually subject to government regulation. Common carriers are deemed to be "affected with the public interest" and are regulated by the U.S. Department of Transportation.

<sup>6</sup> Appendix A describes the Private Railroad Car Tax in more detail.

<sup>7</sup> *Southern Pacific Pipe Lines, Inc. v. State Board of Equalization* (1993) 14 Cal.App.4th 42.

following. Each county assessor, therefore, has jurisdiction to locally assess *all lands and rights-of-way* in his or her county over or through which pipelines cross. The decision in *Southern Pacific Pipe Lines, Inc.*, however, did not address the other types of property enumerated in paragraph (1) of section 19 of article XIII—that is, flumes, canals, ditches and aqueducts lying within two or more counties—in this context.

## TELEPHONE COMPANIES

Section 19 of article XIII mandates Board assessment jurisdiction concerning "property, except franchises, owned or used by regulated...telephone companies..." The term "regulated telephone company," however, is not defined by the California Constitution, statutory provisions, or the courts in the context of assessment jurisdiction.

As with other state assessees, the Board has interpreted section 19 of article XIII as requiring Board jurisdiction of only telephone companies regulated as public utilities by the CPUC or by a comparable federal commission or board—for example, the Wireline Competition Bureau of the Federal Communications Commission (FCC). The Board has treated as "public utilities" telephone companies that have been granted a CPCN from the CPUC or that have been classified as communications common carriers by the Wireline Competition Bureau under federal law.<sup>8</sup> The Board's practice has been to assess the property of only those telephone companies that are regulated public utilities under either state or federal law.

Long distance resellers and competitive local exchange carriers doing business in this state are generally regulated by the CPUC; if they own or lease property in California, the property is subject to Board assessment (e.g., some resellers have their own switching systems in California). If they do not own or lease facilities in California, however, they are not required to file a property statement and the Board has no assessment jurisdiction over them.<sup>9</sup>

Some telephone companies and resellers now use satellite transmission that replaces existing wire, fiber, and cellular systems. The FCC is the only regulatory agency that issues permits (i.e., licenses) for the operation of such companies; the CPUC has no regulatory authority. To the extent that the companies own or use property in California, that property is under the Board's assessment jurisdiction, consistent with the Board's position that telephone companies are "regulated" if their permits or operating rights are prescribed by either state or federal law.

Also, some companies formerly operated for other purposes may begin telephone service and thereby become subject to Board jurisdiction. For example, if a cable television company decides to offer telephone services, and obtains authorization under state or federal law for this purpose,

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<sup>8</sup> See 29 Ops.Cal.Atty.Gen. 77; and 47 U.S.C.A. 201 and following.

<sup>9</sup> Long distance resellers and competitive local exchange carriers must obtain a CPCN to offer telephone services over the facilities of the local exchange carrier. The certificate grants those companies the right to do business with a local exchange carrier. The CPUC grants certificates to such companies because the public interest is served by promoting effective competition among telephone service suppliers.

all of the company's property then would be subject to the Board's assessment jurisdiction—the company would meet the definition of a "regulated" telephone company.<sup>10</sup>

Occasionally, in such a scenario, the telephone and the cable television operations might be conducted by separate corporations or other legal entities. When companies subject to the Board's assessment jurisdiction form new subsidiary or affiliate companies, wholly owned either directly or indirectly by the parent company, the "separate legal entity" concept controls whether the Board's assessment jurisdiction extends to the newly created entity. For example, if the newly created entity is the subsidiary of a telephone company, but never obtains either a CPCN from the CPUC, or becomes subject to regulation by the FCC as a communications common carrier, then it will not come under the Board's assessment jurisdiction. However, if it operates under the parent company's certificate or common carrier status (or if it acquires either one on its own), it is considered a "regulated" telephone company and will become subject to the Board's jurisdiction.

### **INTEREXCHANGE AND COMMERCIAL MOBILE RADIO SERVICE**

Similarly, interexchange and commercial mobile radio service companies are subject to the Board's assessment jurisdiction only if they can be classified as "regulated telephone companies" pursuant to section 19 of article XIII.<sup>11</sup>

The FCC allocates radio frequencies, or channels, to both public and private radio carriers. Prior to 1995 legislation and the FCC's resulting deregulation in 1996, the CPUC classified all public radio carriers (i.e., those authorized to provide service to the general public) as regulated radio telephone utilities, and required a CPCN for their operations. In 1995, subdivision (b)(2) of section 234 of the Public Utilities Code was amended to exclude "any one-way paging service facilities that are licensed by the Federal Communications Commission" from CPUC regulation.<sup>12</sup> Two-way paging companies were specifically excluded by the amending legislation and the amended statute. Based on this change in state law, the Board determined that for the 1996 lien date and thereafter one-way paging companies and narrow-band personal communications services that are not otherwise subject to Board jurisdiction will be assessed by county assessors because, statutorily, these companies are not "telephone companies."

Similarly, the Board has concluded that property used in the satellite transmission of voice communications should be excluded from its assessment jurisdiction when the system is used for

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<sup>10</sup> A germane issue in this regard is the regulatory classification of high speed Internet access services. As regulatory issues concerning these services are resolved by the FCC, there may be jurisdictional concerns for the Board to consider, to the extent that the FCC or the CPUC regulate Internet access services as telephone services. For continuing developments on this subject, see [www.fcc.gov](http://www.fcc.gov).

<sup>11</sup> A "commercial mobile service" is "any mobile service...that is provided for profit and makes interconnected communication service available (a) to the public or (a) to such classes of eligible users as to be effectively available to a substantial portion of the public, as specified by regulation by the Commission." A "private mobile service" is "any mobile service that is the functional equivalent of a commercial mobile service, as specified by regulation by the Commission." An "interconnected service" is a "service that is interconnected with the public switched network (as such terms are defined by regulation by the Commission) or service for which a request for interconnection is pending." (47 U.S.C.A. §332, subdivision (d).)

<sup>12</sup> Chapter 357, Statutes of 1995 (Assembly Bill 202).

television broadcast or other one-way transmission. In the Board's view, such systems do not meet the constitutional definition of a regulated telephone company.

## **GAS AND ELECTRIC COMPANIES**

Until 1996, property owned or used by all gas and electric companies was subject to Board assessment. The only significant exception was electric cogeneration plants, which had historically been locally assessed. In 1996, however, legislation restructured the electric industry in California, excluding many companies that were and/or would be generating and selling electricity from rate regulation by the CPUC.<sup>13</sup>

One of the main objectives of restructuring, or deregulation, was to achieve a more competitive market for electric power by allowing new market entrants to purchase or build electric generation plants and sell electricity to the public. This was accomplished, in part, by requiring existing regulated companies with power generation and distribution facilities to sell power to a Power Exchange, an entity that acts as a market facilitator for the purchase and sale of electric power and that was created by the legislation.

To address the jurisdictional implications of electric industry restructuring, the Legislature enacted section 721.5 and the Board adopted Rule 905.<sup>14</sup> Section 721.5 and Rule 905 limit the Board's assessment jurisdiction in regard to electric generation facilities. Rule 905 states:

(a) Commencing with the assessment for the lien date for the 2003 assessment year, an electric generation facility shall be state assessed property for purposes of article XIII, section 19 of the California Constitution if: (1) the facility has a generating capacity of 50 megawatts or more; and (2) is owned or used by a company which is an electrical corporation as defined in subdivisions (a) and (b) of section 218 of the Public Utilities Code; or, the facility is owned or used by a company which is a state assessee for reasons other than its ownership of the electric generation facility or its ownership of pipelines, flumes, canals, ditches, or aqueducts lying within two or more counties.

(b) "Electric generation facility" does not include a qualifying small power production facility or a qualifying cogeneration facility within the meaning of Sections 201 and 210 of Title II of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. §§796(17), (18) and 824a-3) and the regulations adopted for those sections under that act by the Federal Energy Regulatory Commission (18 C.F.R. 292.101-292.602).

(c) For purposes of this section, "company" means:

(1) A person as defined in Revenue and Taxation Code section 19;

<sup>13</sup> Chapter 854, Statutes of 1996 (Assembly Bill 1890).

<sup>14</sup> All references to "rule" refer to a section in Title 18, Public Revenues, California Code of Regulations.

(2) A separate division or other functional unit of a business enterprise which is created and maintained to operate any electric generation facility, where the business enterprise is engaged in a primary business other than generating, transmitting, distributing or selling electricity to the public.

(d) If an electric generation facility is operated by a separate division or other functional unit of a business enterprise, as described in this rule, the business enterprise must maintain accounting and other records sufficient to distinguish the costs and revenues of the separate division or unit from other divisions and units of the business enterprise.

(e) As adopted on September 1, 1999 and effective November 27, 1999, this rule is applicable to define electric generation facilities subject to state assessment to and including December 30, 2002. As amended on November 28, 2001, and filed with the Secretary of State on May 14, 2002, this rule is applicable to define electric generation facilities subject to state assessment as of December 31, 2002 and thereafter.

Section 721.5 was enacted and Rule 905 was amended to provide that electric generation facilities shall be state-assessed property if the facility has a generating capacity of 50 megawatts or more and the facility is owned or used by a company that is an electrical corporation as defined in section 218 of the Public Utilities Code, or the facility is owned or used by a company which is a state assessee for reasons other than its ownership of an electric generation facility or its ownership of pipeline, flumes, canals, ditches, or aqueducts lying within two or more counties.

Further, section 721.5 and Rule 905 specifically exclude from state assessment electric generation facilities that are qualifying small power production facilities or qualifying cogeneration facilities within the meaning of sections 201 and 210 of Title II of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. sections 796 (17), (18) and 824a-3). The amended rule defines "company" to include separate divisions or other functional units of a business enterprise which have been created and maintained to operate any electric generation facility and to require the maintenance of certain accounting records.<sup>15</sup>

Some companies engaged in the transmission of gas are not regulated by the CPUC because they are interstate natural gas pipeline companies that sell and deliver natural gas in interstate commerce. These companies are, nevertheless, considered public utilities in that they deliver their product to various locations in California under the exclusive authority and rate regulation

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<sup>15</sup> Public Utilities Code section 218 excludes corporations or persons producing power from other than a "conventional power source" from the definition of "electrical corporation." According to the Public Utilities Code section 2805 "conventional power source" means power derived from nuclear energy or the operation of a hydropower facility greater than 30 megawatts or the combustion of fossil fuels, unless cogeneration technology, as defined in section 25134 of the Public Resources Code, is employed in the production of such power. Power sources not meeting the characteristics of a "conventional power source" may be included in Public Utilities Code section 218 subdivision (b) as an "other than conventional power source."

of the Federal Energy Regulatory Commission. The Board's assessment jurisdiction also extends to this category of gas company. As these companies are assessed as gas transmission companies rather than pipelines, the assessment jurisdiction of the Board extends to all property owned or used for gas transmission including land.

Additionally, gas storage facilities not owned by gas distribution companies were granted permits by the CPUC and are subject to Board jurisdiction.

## **BOARD JURISDICTION INCLUDES UNITARY AND NONUNITARY PROPERTY**

An important statutory distinction made in regard to property types assessed by the Board is found in sections 723 and 723.1, the distinction between unitary and nonunitary property. Unitary property is property used in the primary function of an assessee; nonunitary property is property owned by the assessee but not used in the assessee's primary function. The distinction between unitary and nonunitary is discussed in more detail in a later chapter. This means that both the unitary and nonunitary property of a state assessee is subject to Board assessment. For example, a campground owned by an electric or gas company, even though it is not used in the company's utility operations, would still be assessed by the Board as the assessee's nonunitary property.

## **STATE ASSESSMENT PROCESS**

To provide an overview of the general process of state assessment, several major steps in the process are described in roughly chronological order below. These steps also point to the subject matter discussed in subsequent chapters.<sup>16</sup>

1. The assessee files a property statement as required by section 826. Property statements must be filed no later than March 1 of each year; but the Board *may* grant limited extensions for specified parts of the property statement under section 830.1.
2. The State-Assessed Properties Division, a unit of the Board's Property Tax Department, develops unitary valuation indicators and makes recommendations to the Board regarding the value of the assessee's unitary property. State assesseees are afforded an opportunity to discuss the value of their unitary property at a public Board meeting held in May.
3. The Board determines the value of the assessee's unitary and nonunitary property. Unitary value determinations are made and publicly announced no later than May 31. Nonunitary value determinations are made and announced no later than the last day of July. (Chapter 4 discusses value indicators.)
4. If a state assessee operates in more than one state, a portion of the value of the assessee's unitary property is allocated by the Board to California (interstate allocation). The portion of the value of the assessee's unitary property allocated to California—or, the total value of the assessee's unitary property if the assessee's operations are only in California—is

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<sup>16</sup> Appendix D is a calendar of important dates in the annual state assessment cycle.

allocated by the Board among the counties in which the property is located (intrastate allocation). (Chapter 5 discusses value allocation.)

5. For unitary and nonunitary values determined by the Board, the state assessee may file a petition for reassessment. (Chapter 6 discusses the appeals process for state assessments.)



## CHAPTER 2: STANDARD OF VALUE

In any appraisal, there are two primary conceptual issues that must first be addressed: (1) the standard of value, or value concept, that is being sought and (2) the unit of property that is being valued. This chapter discusses the first of these conceptual issues; the following chapter discusses the second.

### MARKET VALUE STANDARD

Section 1 of article XIII of the California Constitution states:

Unless otherwise provided by this Constitution or the laws of the United States.

(a) All property is taxable and shall be assessed at the same percentage of fair market value. When a value standard other than fair market value is prescribed by this Constitution or by statute authorized by this Constitution, the same percentage shall be applied to determine the assessed value. The value to which the percentage is applied, whether it be the fair market value or not, shall be known for property tax purposes as the full value.

(b) All property so assessed shall be taxed in proportion to its full value.

Thus, the standard of value, or value concept, by which all state-assessed property is assessed is "fair market value."<sup>17</sup> With the exception of restricted value property, whose value is statutorily prescribed at a standard other than market value as recognized in the second sentence of subdivision (a) above, this is the same value standard applied to locally assessed property.<sup>18</sup>

Section 110 describes the concept of market value. As provided in subdivision (a):

Except as is otherwise provided in Section 110.1, "full cash value" or "fair market value" means the amount of cash or its equivalent that property would bring if exposed for sale in the open market under conditions in which neither buyer nor seller could take advantage of the exigencies of the other, and both the buyer and the seller have knowledge of all the uses and purposes to which the property is adapted and for which it is capable of being used, and of the enforceable restrictions upon those uses and purposes.

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<sup>17</sup> Prior to 1981, property was assessed at a percentage of fair market value; this percentage was called the assessment ratio. Since 1981, property has been assessed at 100 percent of fair market value, an assessment ratio of 1.0.

<sup>18</sup> Several terms are used synonymously with "fair market value" in property tax statutes and regulations. These include "full cash value," "cash value," "actual value," and "market value."

Salient elements of the above definition include the following:

- Market value is measured in the "amount of cash or its equivalent." This means that the sale price of the subject property or sales prices of comparable properties used as evidence of market value should be stated in terms of cash.
- The property is "exposed for sale in the open market." This means that potential buyers are aware that the property is for sale and have sufficient time and opportunity to present their offers.
- Neither buyer nor seller "could take advantage of the exigencies of the other." This renders buyer and seller as hypothetical persons dealing with each other at arm's length—that is, neither is influenced by special motivations or particular circumstances.
- Buyer and seller "have knowledge of all the uses and purposes to which the property is adapted." The value of property depends on its use. This passage means that buyer and seller are aware of the highest and best use of the property, which is the lawful use that maximizes the property's value, and consider the value of the property in light of such use. In other words, buyer and seller are prudent, rational economic beings.

Subdivision (b) of section 110 establishes a rebuttable presumption that "full cash value" or "fair market value," as defined in subdivision (a), is the actual purchase price if the terms were negotiated under specified conditions reflecting an "open market transaction." Under subdivision (c), this rebuttable presumption does not apply when a taxpayer has failed to provide certain information about the conditions of the transaction.

Subdivisions (d), (e), and (f) of section 110 address the treatment of intangible assets and rights. Subdivision (d) provides that: (1) the value of intangible assets and rights relating to the going concern value of a business using taxable property shall not enhance or be reflected in the value of the taxable property; (2) if the principle of unit valuation is used to value properties that are operated as a unit, then the fair market value of the taxable property contained within the unit shall be determined by removing from the value of the unit the fair market value of the intangible assets and rights contained within the unit; and (3) the exclusive nature of a concession, franchise, or similar agreement is an intangible asset that shall not enhance the value of taxable property, including real property.<sup>19</sup>

However, in applying the above principles, the Legislature stated at the beginning of subdivision (d) that its provisions are expressly subject to the language in subdivision (e). Subdivision (e) states:

Taxable property may be assessed and valued by assuming the presence of intangible assets or rights necessary to put the property to beneficial or productive use.

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<sup>19</sup> For additional discussion of the market value concept, see Assessors' Handbook Section 501, *Basic Appraisal*, and Assessors' Handbook Section 502, *Advanced Appraisal*.

Finally, subdivision (f) of section 110 provides that for the purpose of determining "full cash value" or "fair market value," any intangible attributes of real property shall be reflected in the value of the real property, and that these attributes include zoning, location, and other such attributes that relate directly to the real property involved.

In any given market, the variables that determine supply and demand, and hence market value, are subject to change—sometimes rapid change. An important consideration regarding market value, therefore, is that it is something that exists as of a given point in time. It is, therefore, necessary to specify a date of valuation in any consideration of market value. Accordingly, section 722 specifies that state-assessed property is valued as of 12:01 a.m. on January 1, the lien date for property tax purposes.

### **STATE-ASSESSED PROPERTY AND ARTICLE XIII A OF THE CALIFORNIA CONSTITUTION<sup>20</sup>**

In June 1978 California voters passed an initiative constitutional amendment that significantly restructured California's property tax system. Proposition 13, which added article XIII A to the California Constitution, contained four primary elements: (1) a limit on the ad valorem property tax rate to 1 percent of the assessed value (except in the case of pre-existing bonded indebtedness or subsequent bonded indebtedness approved by a two-thirds vote); (2) a rollback of assessed values to their 1975-76 levels; (3) a limit on the annual growth in assessed value to a maximum of 2 percent per year, in the absence of a change in ownership or new construction; and (4) reassessment at current market value only upon a change in ownership or new construction.

In *ITT World Communications, Inc. v. City and County of San Francisco*,<sup>21</sup> the California Supreme Court ruled that article XIII A's assessment rollback, its 2 percent limit on annual assessment growth, and its limit on current market value assessment only upon a change in ownership or new construction did not apply to state-assessed property, only to locally assessed property. As a result, taxable property in California is now generally split into two major categories: locally assessed property subject to the assessment limitations of article XIII A and state-assessed property not subject to the assessment limitations of article XIII A.

In reaching its decision, the court presented the following major arguments. First, it held that article XIII A, by its own terms, was limited to real property taxation, but that the "unit taxation" of state-assessed property was not real property assessment in substance or form. Second, it held that because article XIII A used the phrase "county assessor's valuation," again, by its own terms, the article applied only to locally assessed property. Third, and finally, the court held that the phrase "subject to taxation to the same extent and in the same manner as other property" from section 19 of article XIII of the California Constitution did not impose a requirement of valuation

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<sup>20</sup> Although not strictly about the "market value standard," this section relating to state assessed property and article XIII A and the next section relating to the Railroad Revitalization and Regulatory Reform Act are included here because both relate to the method of assessment for state assessed property.

<sup>21</sup> *ITT World Communications, Inc. v. City and County of San Francisco* (1985) 37 Cal.3d 859.

on the same basis as between public utility and other property, but simply specified that state and local assessments must be levied at the same tax rate.

### **RAILROAD REVITALIZATION AND REGULATORY REFORM ACT**

Congress enacted the Federal Railroad Revitalization and Regulation Reform Act (4-R Act) in 1976. The general purpose of the Act, as stated in section 801 of Title 45 of the United States Code, is

[t]o provide the means to rehabilitate and maintain the physical facilities, improve the operations and structure, and restore the financial stability of the railway system of the United States....

Another objective of the Act is to prohibit states from adopting tax structures that discriminate against railroads. Specifically, section 11501 of Title 49 of the United States Code prohibits the assessment of railroad property at a higher ratio to current market value than the analogous ratio for commercial and industrial property generally.<sup>22</sup>

The 4-R Act itself does not distinguish between the real and personal property of railroads. In *Trailer Train Co. v. State Board of Equalization*,<sup>23</sup> however, the court concluded that personal property, specifically private railroad cars, is subject to the same assessment standards and limitations as real property. Thus, the same "effective tax rate" that is applied to commercial and industrial property generally must be applied not only to all railroad property but also to private railroad cars. In this context, effective tax rate means the assessment ratio multiplied by the actual property tax rate.

To comply with the 4-R Act, the Board must ensure that all railroad property and private railroad cars are assessed at the same percentage of (or ratio to) current market value as other commercial and industrial property. For example, if for commercial and industrial property the ratio of assessed value to current market value is 83 percent, then the current market values of all railroad property and private railroad cars must be multiplied by 83 percent to arrive at their taxable values.

Board staff calculates the statewide ratio of assessed value to current market value for commercial and industrial property in an annual assessment ratio study. In essence, the sum of the assessed values of locally assessed land, non-fixture improvements, fixtures, and personalty and the assessed value of all state-assessed property is divided by the corresponding sum of their respective estimated current market values.

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<sup>22</sup> As defined in *Trailer Train Company v. State Board of Equalization* (1983) 697 F.2d 860, commercial and industrial property "means property, other than transportation property and land used primarily for agricultural purposes or timber growing, devoted to a commercial or industrial use and subject to a property tax levy."

<sup>23</sup> *Trailer Train Co. v. State Board of Equalization* (1983) 697 F.2d 860.

The resulting percentage is generally less than 100 percent because locally assessed real property is assessed under the provisions of article XIII A of the California Constitution, which prescribes a base year assessment method that often results in a taxable value lower than current market value.

## CHAPTER 3: VALUATION USING THE UNIT CONCEPT

### APPRAISAL UNIT AND THE PRINCIPLE OF UNIT VALUATION

The second major conceptual problem that must be resolved in any appraisal is a determination of the unit of property to be valued—that is, the property for which a market value estimate is sought. This problem is not limited to the central assessment of public utility property; it appears in every appraisal as the familiar question of the proper appraisal unit.

In the context of the central assessment of public utility property, the problem of appraisal unit has been analyzed using a concept called the "principle of unit valuation." Other terms used synonymously include "unit valuation," "unit method," "unit concept," or "unit approach."

The principle of unit valuation holds, in essence, that a collection of tangible assets functioning as an operating unit should be valued as a whole, without reference to the separate values of the assets constituting the operating unit. A unit valuation is contrasted with a "summation valuation," in which the component parts of an operating unit are valued separately and summed to estimate the value of the whole. Under the principle of unit valuation, the Board may recognize the entire operating unit as the proper appraisal unit for certain property, thus recognizing the high degree of functional and economic integration of such property.

Unit valuation has also been described as follows:

As its starting premise, the [unitary valuation] concept assumes that it is meaningless to consider the value of a mile of track, a substation, or a reel of cable standing apart from the entire operating system. The unit value of the enterprise may be either more or less than the total value of the individual assets making up the whole. Presumably, if each asset were sold separately, the total price received would be substantially less than the value of the enterprise as a going concern. This becomes more apparent when it is considered that ten miles of underground cable has a questionable worth, other than a minimal scrap value, if there is no generating plant at one end to provide electricity and no source at the other end to receive electrical energy. Similarly, fifty miles of railroad track, standing alone, are of questionable utility without the rest of the system.<sup>24</sup>

### THEORETICAL BASIS

An examination of the theoretical rationale underlying the determination of the appraisal unit in general also reveals the underpinning for the principle of unit valuation used in the valuation of public utility property.

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<sup>24</sup> Louis G. Bertane, *The Assessments of Public Utility Property in California*, 20 UCLA L. Rev. 419.

A real or hypothetical market transaction consists of two primary attributes: a sale price *and* a unit of property that is sold. Given the market value standard of property tax assessment, it is logical and theoretically appropriate to think of the proper appraisal unit as a market unit. Indeed, for most types of property, assuming a relatively active market, the proper appraisal unit, or unit to be valued, is revealed by the market itself. The market provides the benchmark for determining the unit of property to be valued. For example, in the market for single-family homes the unit traded is the land *and* the improvement—the lot *and* the structure. The typical buyer or seller does not ascribe separate values to the lot and the improvement and sum those values; they sell together as a market-defined unit. Further,

[I]t would be meaningless to say that the buyer paid a certain percentage of the total price for the house and the remainder for the lot, just as it would be meaningless to say that the buyer paid a certain amount for the plumbing, a certain amount for the wiring, a certain amount for the foundations and a certain amount for the front door. The point is that the buyer bought the house and lot *as a unit* and there is no logic to any further distinctions. [Emphasis retained.]<sup>25</sup>

The question remains, why do buyers and sellers of houses think in terms of the whole and not the parts? The answer, which is the theoretical underpinning of the appraisal unit concept, is because of the close functional relationship among the parts constituting the unit:

*Why does the buyer [and seller] of a house think in totals rather than fractions? The answer is clearly that the roof has almost no value without the walls that support it, the walls have almost no value without the foundations which support them, and the foundations have almost no value without the land which supports them.... The individual parts of this house and lot perform cooperative functions.... [I]t is equally true that the many operating parts of a complex railroad system, telephone company or gas and electric enterprise perform cooperative functions. For the same reason they must be valued as an entity rather than as a collection of pieces. [Emphasis retained.]*<sup>26</sup>

This single criterion of functional integration, however, is not adequate in and of itself. In a highly integrated and interdependent economy it is difficult to establish absolute functional boundaries. Functional integration must be combined with an obvious characteristic of the market situation—ownership:

A sale represents a transfer of ownership and in normal circumstances the seller of a piece of property cannot market the property unless he owns it...[T]he valuation unit may not extend beyond the boundaries of the unit of ownership, if only

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<sup>25</sup> California Legislature, 1953 Regular Session, Report of the Senate Interim Committee on State and Local Taxation, Part Six, "Property Assessments and Equalization in California," (Sacramento: California Legislature, 1953) 37. [Hereafter "Senate Interim Committee Report."]

<sup>26</sup> Senate Interim Committee Report, 38.

because the ownership unit determines the maximum unit of marketability and marketability is an essential element in the concept of market value.<sup>27</sup>

Thus, from a theoretical perspective, the principle of unit valuation holds that the unit of property appropriate for the estimation of a market value should include all property items that are *functionally related* and within *common ownership* or *control* (such as leased property or a possessory interest).

## LEGAL BASIS

Several court cases have addressed the unit valuation of public utility property. In *Southern California Telephone Company v. Los Angeles County*,<sup>28</sup> the court held that public utility property must be valued "as a whole" in order to ensure the assessment of those values that "cling to the entire property as a unit" and to ensure uniform assessment of public utility property.

[T]he power to assess public utility property is placed exclusively in the hands of the Board of Equalization as a sole, central assessing agency. This is significant, because it is the common function of central assessing agencies to evaluate such property as a whole in order to assure the assessment of those values which cling to the entire property as a unit, and in order to assure the assessment of the same type of property at uniform value throughout the state. These are the reasons for central assessment of appellant's property as distinguished from local assessment thereof in all of the fifty-eight different counties.

And in *ITT World Communications, Inc. v. City and County of San Francisco* (1985) 37 Cal.3d. 859 (also cited in *GTE Sprint Communications Corp. v. County of Alameda* (1994) 26 Cal.App.4th 992):

One of the primary objectives of the system of unit taxation of public utility property is to ascertain and reach with the taxing power the entire real value of such property. [Citations.] It has long been recognized that "public utility property cannot be regarded as merely land, buildings, and other assets. Rather, its value depends on the interrelation and operation of the entire utility as a unit. Many of the separate assets would be practically valueless without the rest of the system. Ten miles of telephone wire or one specially designed turbine engine would have a questionable value, other than as scrap, without the benefit of the rest of the system as a whole." [Citation.] Unit taxation prevents real but intangible value from escaping assessment and taxation by treating public utility property as a whole, undifferentiated into separate assets (land, buildings, vehicles, etc.) or even separate kinds of assets (realty or personalty).

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<sup>27</sup> Senate Interim Committee Report, 40.

<sup>28</sup> *Southern California Telephone Company v. Los Angeles County* (1941) 45 Cal. App 2d. 111.



The United States Supreme Court has also consistently upheld the legal validity of unit valuation by central assessing authorities. The method has been challenged by taxpayers on several grounds, including uniformity of taxation in regard to state versus local assessment; assessment of intangible value; burden on interstate commerce; and assessment of extrastate property. Notable cases addressing such matters include:

- *State Railroad Tax Cases* (1875) 92 U.S. 185;
- *Adams Express Co. v. Ohio State Auditor* (1899) 166 U.S. 185;
- *Cleveland, Cincinnati, Chicago & St. Louis Railway v. Backus* (1893) 154 U.S. 439; and
- *Norfolk & Western Railway v. Missouri State Tax Commission* (1968) 390 U.S. 317.

Finally, section 723 authorizes the Board's use of the principle of unit valuation:

The board may use the principle of unit valuation in valuing properties of an assessee that are operated as a unit in a primary function of the assessee. When so valued, those properties are known as "unitary property." Property of an assessee not valued through the use of the principle of unit valuation are [sic] known as "nonunitary property."

### **ADJUSTMENTS WHEN USING THE PRINCIPLE OF UNIT VALUATION**

The next chapter discusses the approaches to value as they are applied in unit valuation. Noted here, however, is that several adjustments may be required to the preliminary unitary value indicator prior to arriving at the final unitary value indicator and the allocation of the unit value. These adjustments can be divided into two general types. The first type is required to adjust the initial value indicator so that it reflects only the value of the unitary property; the need for and nature of this adjustment depends on the approach to value that is used. The second type is required to adjust the unit value indicator so that it does not contain nontaxable property—either nontaxable tangible property or nontaxable intangible assets or rights.

### **CLASSIFICATION OF STATE-ASSESSED PROPERTY**

In California, state-assessed property is classified into one of four categories: (1) unitary property, (2) nonunitary property, (3) operating nonunitary property, and (4) nonunitary rail transportation property.<sup>29</sup>

#### **UNITARY PROPERTY**

The general definition of unitary property is property owned or leased by the state assessee and used in its primary operations as part of the state assessee's integrated system.

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<sup>29</sup> Appendix C contains tables showing the Board's classification codes for various types of property.

More specifically, within the general definition the following types of property are classified as unitary: (1) special-purpose or industry-specific property that is leased by the state assessee; (2) property leased by a state assessee, used in the assessee's primary operations, and assessed to the assessee (including taxable possessory interests); (3) property owned and held for future use in the primary operations of the assessee if there is a documented plan for the property's future use and the property is carried in a future use operating account; and (4) property that is owned and used to protect and support other unitary property—due to locational or physical characteristics or other factors. Under the principle of unit valuation, unitary property is valued as a single unit.

#### Examples of Unitary Property:

- Land, improvements, and personal property owned or leased by a state assessee and used in its primary operation of transportation of freight by rail; gas or fluids by pipeline, canal or ditch; generation, transmission or distribution of electricity; or transmission of information by telephone.
- Vacant land that is considered necessary to protect areas utilized in the primary operations of the assessee (e.g., buffer areas required for nuclear power plants or gas storage reservoirs, slide areas near railroad tracks, drainage ditches, etc.).
- Vacant land that is located in landlocked areas totally surrounded by sets of railroad tracks or areas adjacent to rights-of-way that are too narrow to be developed to another use.
- Property that the state assessee had acquired for use in its primary operations but now has a secondary use (e.g., areas beneath tower lines which are farmed, used for parking or storage; areas above gas storage reservoirs which are farmed).
- Railroad rights-of-way acquired by congressional grant or franchised by a governmental agency.
- Utility and railroad easements for rights-of-way.
- Railroad property that is leased to agents of the railroad, who manage the property in a rail transportation use (e.g., intermodal container yards).

#### **NONUNITARY PROPERTY**

Nonunitary property is property that is owned by a state assessee but not used in the assessee's primary operations. Nonunitary property is valued separately and apart from unitary property (i.e., not valued as part of the unit).

#### Examples of nonunitary property:

- Property owned by and assessed to a state assessee, but leased to others.
- Property owned by a state assessee and not used in its primary operations.
- A railroad right-of-way that has had the track removed or has been abandoned (includes the land under the track that has been severed from the operating portion).

- Property used by others without a formal lease (e.g., encroached upon and used for storage, parking, or growing of trees, vines, or crops).

### **OPERATING NONUNITARY PROPERTY**

Operating nonunitary property is specifically defined in section 723.1:

Operating nonunitary properties are those that the assessee and its regulatory agency consider to be operating as a unit, but the board considers not part of the unit in the primary function of the assessee. This section does not apply to state-assessed property of regulated railway companies....

Section 723.1 essentially provides discretion to the Board. The Board may classify property as operating nonunitary that others classify as unitary. Operating nonunitary property is valued separately and apart from unitary property (i.e., not valued as part of the unit).

Example of operating nonunitary property:

- State assessee-owned property that is included in its rate base but is classified as nonunitary (e.g., land on which a substation has been removed but is still carried in the rate base).

### **NONUNITARY RAIL TRANSPORTATION PROPERTY**

Nonunitary rail transportation property is property owned by a railroad company that is used in rail transportation operations, but is nonetheless valued separately and apart from unitary property (i.e., not valued as part of the unit). The value of this type of property receives the assessment ratio treatment described in an earlier section relating to the Railroad Revitalization and Regulation Reform Act (4-R Act).

Examples of nonunitary rail transportation property:

- Railroad property leased to Amtrak, Caltrans, or transit districts.
- Railroad property leased to others, whose primary use of the property involves the receipt and/or shipping of products or raw material by rail (e.g., lumber yards, liquid tank car receivers, intermodal container yards, automobile loading-unloading facilities, etc.).
- Railroad property owned by and assessed to a state assessee, but leased to others whose primary operation is that of freight transportation (however, state assessee owned property leased to others but not used for freight transportation is classified as nonunitary).
- Railroad land leased at a rent substantially below market (e.g., an accommodation lease), where freight or products are received or shipped frequently.
- Station grounds used for passenger parking (e.g., Amtrak, Caltrans, Transit districts, etc.).

## CHAPTER 4: UNITARY VALUE INDICATORS

Value indicators are the evidence of market value prepared by the appraiser in support of the final value conclusion. Each year, as prescribed in Rule 902, staff develops unitary value indicators that are used by the Board in reaching its unitary value determinations. Staff also recommends annual values for state assessees other property located in California, that is, nonunitary property, operating nonunitary property, and nonunitary rail transportation property.

Under Rule 3 there are five indicators of market value, or value approaches, one or more of which must be considered in property tax valuation:

1. The price or prices at which the subject property or comparable properties have recently sold (the comparative sales approach).
2. The prices at which fractional equity interests in the subject property or comparable properties have recently sold, and the extent to which such prices would have been increased had there been no prior debt claims on the assets (the stock and debt approach).
3. The cost of replacing reproducible property with new property of similar utility, or of reproducing the property at its present site and at present price levels, less the extent to which the value has been reduced by depreciation (the replacement and reproduction cost approaches, respectively).
4. If the income from the property is regulated by law and the regulatory agency uses historical cost or historical cost less depreciation as a rate base, the amount invested in the property or the amount invested less depreciation computed by the method employed by the regulatory agency (the historical cost approach).
5. The amount that investors would be willing to pay for the right to receive the income that the property would be expected to yield, with the risks attendant upon its receipt (the income approach).

Related specifically to the valuation of unitary property, staff of the Board's State-Assessed Properties Division has developed and published *Unitary Valuation Methods*, a publication that describes the valuation models (i.e., valuation approaches) used by staff in its preparation of unitary value indicators. In addition, as also prescribed in Rule 902, State-Assessed Properties Division staff conducts and publishes an annual capitalization rate study that develops discount rates used in the Board's capitalized earnings ability model.<sup>30</sup>

Descriptions of the valuation models contained in *Unitary Valuation Methods* and the methods of capitalization rate derivation described in the annual capitalization rate study are not repeated in this manual; instead, the reader is referred to those publications. The reader also is referred to

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<sup>30</sup> Both *Unitary Valuation Methods* and the annual capitalization rate study are available on the Board's webpage at [www.boe.ca.gov](http://www.boe.ca.gov).

Assessors' Handbook Section 501, *Basic Appraisal*, and Section 502, *Advanced Appraisal*, publications containing discussions of general valuation principles and methods, much of which is generally applicable to the valuation of state-assessed property.

## CHAPTER 5: ALLOCATION OF UNITARY VALUE

If the unit value contains the value of unitary property located outside California, a portion of the multistate unit value first must be allocated to California. The allocation of unit value between or among states is called interstate allocation. The unitary value indicators prepared for the Board by staff are post-interstate allocation; that is, staff has already made any necessary interstate allocations.

California's portion of the multistate unit value must also be allocated among the state's local tax jurisdictions. The allocation of unit value within a state is called intrastate allocation. If all of a state assessee's unitary property is located in California, no interstate allocation is required.

The values for all state-assessed property appear on the "Board Roll." Under section 756, on or before each July 31, the Board must provide each county auditor with a roll showing the values for all state-assessed property located in his or her county. As allocated, state assessments are levied, and the corresponding property taxes collected, at the county level.

Unfortunately, no method of allocation can be theoretically consistent from a valuation perspective if one accepts the principle of unit valuation. The allocation of a unit value, which is an attempt to obtain separate market values for the component parts of an operating unit, contradicts the principle of unit valuation. If it is not possible to add up the separate values of the component parts of an operating unit to determine the value of the unit—in essence, the principle of unit valuation as it is applied to public utility property—then it is also not likely that the separate market values of the component parts can be determined with complete accuracy by breaking up the value of the unit. Unit valuation is thus, to some extent, inconsistent with any method of value allocation that purports to be based on market value.

In any case, the need for inter- and intrastate allocation, and hence the need for an allocation method, is based on clear legal requirements. First, under federal law California, like all other states, has no authority to tax property located outside its boundaries. Second, section 14 of article XIII of the California Constitution requires that "All property...shall be assessed in the county, city, and district in which it is situated."

The result is that allocated amounts, in both inter- and intrastate allocation, in a strict sense do not represent market values; rather, they are portions of the unit value allocated in an equitable and systematic manner to allow assessment and taxation by the appropriate legal jurisdiction.

The following sections describe, in general terms, the Board's procedures for the inter- and intrastate allocation of a unit value. These procedures, although based on the same concepts, vary by industry and by whether the allocation is inter- or intrastate. A concluding section also briefly describes the Board's tax-rate area system, the means by which all property in California is assessed according to its situs.<sup>31</sup>

## INTERSTATE ALLOCATION

### BASIS FOR INTERSTATE ALLOCATION

Both the National Association of Tax Administrators (NATA) and the Western States Association of Tax Administrators (WSATA) have made recommendations regarding the interstate allocation of unit value. In 1949, NATA, based on work by its Committee on Railroad Allocations, adopted an allocation formula for railroads; and in 1960, WSATA, based on work by its Committee on Allocation of Public Utilities, recommended allocation formulas for other types of utility property. In general, the Board follows NATA's and WSATA's recommendations regarding interstate allocation methods.

The Board considers several general principles in its allocation criteria. Largely derived from NATA and WSATA, they include the following:

- Allocation percentages should not total more or less than 100 percent for all states.
- Allocation factors should reflect the quantity of property in each state.
- Allocation factors should be based on readily available, objective data.
- Allocation factors should not be based on data that are the result of a prior allocation.
- The resulting allocation should be "fair and equitable."
- The allocation method should consider administrative feasibility and convenience.
- As much as possible, the allocation should divide the unit value in proportion to the contribution made by the unitary property in each state to the unit value (despite the theoretical difficulty related to this).

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<sup>31</sup> A few points about interstate allocation that are well known to those involved but perhaps not obvious to others: (1) Each state estimates its own unit value, and each state may define the unit differently. Further, tax law may vary among states as to what is or is not subject to ad valorem property tax. So, if a given assessee operates in, say, three states, three unit values will be estimated. (2) Prior to the efforts of NATA and WSATA, there was only limited agreement regarding allocation formulas. This meant that the total percentages allocated by the respective states could sum to significantly more or less than 100 percent. This problem has been largely rectified. (3) There is an abundance of federal court cases concerning allocation of various types of interstate property. In general, the federal courts will strike down allocation systems they deem unreasonable. Beyond that, the federal courts have declined to interfere with a state's allocation system that is based on some reasonable relationship to the rights and benefits of having the property located in the state. There is no federal requirement that the total of all state assessments must equal (or cannot exceed) 100 percent.

In practice, the interstate allocation of unit value is based on an allocation factor or, more typically, a combination of allocation factors. An interstate allocation factor is intended to measure the importance of a given variable in a state relative to its importance in the unit as a whole. For example, if the variable is the historical cost of the property, the historical cost of the property in a given state is divided by the historical cost of all the property in the unit. The quotient is an allocation factor based on historical cost. When the allocation factor is multiplied by the unit value, the product is the state's portion of the unit value.

Often, two or more allocation factors, reflecting different allocation variables, are combined. When factors are combined, weights are assigned to each factor. The result is a composite factor—a weighted average of the individual factors—that is then used for allocation. Different composite factors can be developed using different individual factors and different weightings. The calculations required to arrive at a composite allocation factor are often called the "allocation formula."

Individual allocation factors are generally based on property, use, or revenue variables. Property factors are based on the visible, physical assets in the unit, such as cost (original, or historical; reproduction; or replacement), wire-miles, pole-miles, track-miles, distribution mains, etc. Use factors are based on some type of physical activity that takes place, such as car-days, car- or locomotive-miles, ton- or passenger-miles, barrel-miles, MCF-miles (MCF = thousand cubic feet), originating- or terminating-tons, and kilowatt hours-sold or kilowatt hours-generated. Revenue factors represent some measure of earnings, such as gross revenue and net operating income. Revenue factors are sometimes interpreted as measures of "economic use" and are considered as part of the use category.

The specific procedures used in interstate allocation vary by industry, but the methods are similar. The Board's procedures for the interstate allocation of unit values are described briefly below, by industry group.

## **INTERSTATE ALLOCATION PROCEDURES**

### **Electric**

Electric utility companies often have unitary property used for the generation, sale, transmission, and distribution of electricity—or a combination of these operations—in more than one state. For the interstate allocation of an electric company's unit value, the Board follows WSATA's interstate allocation formula for electric utilities.

The WSATA formula allocates unit value on the basis of historical cost modified by other allocation factors. Separate allocations are made according to defined operating segments: electric production property, electric distribution property, and remainder of property. Allocation factors and factor weightings used for the three defined operating segments are as follows:

- Electric production property: 75 percent historical cost; 10 percent kilowatt capacity; and 15 percent kilowatt hours generated.



- Electric distribution property: 50 percent historical cost; 10 percent kilowatt-hours delivered and sold; and 40 percent for revenues from these kilowatt-hours.
- Remainder of property: 100 percent historical cost.

Thus, the value of the electric production segment is allocated using a composite allocation factor composed of three individual allocation factors—historical cost, kilowatt capacity, and kilowatt hours generated; the value of the electric distribution segment is allocated using a composite allocation factor composed of three individual allocation factors—historical cost, kilowatt hours delivered and sold, and revenue; and the value of the remainder of the property is allocated using a single allocation factor—historical cost.

These three factors are then multiplied by allocated percentages of the unit value for each operating segment; this percentage allocation is based on the historical cost of the property in each segment. The sum of these three products is the final allocation factor for California; when this factor is multiplied by the entire unit value, the result is the portion of the unit value assessed in California.

### **Telecommunication**

A telephone company differs from other utility companies because of the structure of the telephone industry. Typically, a telephone company can only operate, or operate most efficiently, when connected to other telecommunications systems. There is a high degree of system interdependence.

Telephone companies can be classified into three types: local exchange, interexchange, and wireless. Local exchange companies provide services in a defined geographic area, usually within a single state. In the case of multistate local exchange companies operating in California, the geographic area served, amount of property, and revenues in California generally are very limited. Nonetheless, in such cases, the interstate allocation of the unit value is still required. Typically, the Board makes this allocation using a single allocation factor based on historical cost.

Interexchange companies provide telephone services from one local exchange to another local exchange. Often, an interexchange company provides services in more than one state. The Board's interstate allocation of the unit value of an interexchange company is also made using a single allocation factor based on historical cost.

A wireless telephone company provides mobile telecommunication services through its own facilities, facilities owned by other wireless companies, and facilities owned by local exchange and interexchange companies. Wireless companies own or lease sites, towers, and antennas in numerous counties throughout the state and may own or lease property in other states. For wireless companies, the Board makes its interstate allocation of unit value using an allocation factor based on historical cost.

## Pipeline

Pipeline companies own property used in the distribution of oil, natural gas, and other products in a liquid state; their operations are frequently interstate. The property involved can be divided into two categories: the pipeline itself and "other property," which includes buildings, gathering systems, pumping stations, materials and supplies, and other assets that are not part of the pipeline itself but are used in the pipeline company's operations.

With pipeline companies, it is practically impossible to arrive at earnings estimates that can be ascribed to property on a state-by-state basis. Barrel-miles or MCF-miles are reasonable substitutes for earnings. Other appropriate allocation factors are those based on original or historical cost and originating and terminating barrels or MCF.

The Board typically uses a slightly modified form of the WSATA recommended allocation formula that includes the historical or original cost of pipeline and other property, barrel- or MCF-miles, and originating and terminating barrels or MCF as allocation factors, weighted as follows:

- Historical or original cost: 75 percent
- Barrel- or MCF-miles: 20 percent
- Originating and terminating barrels or MCF: 5 percent

When originating and terminating barrels or MCF data are not available, Board practice has been to modify the above formula by giving a 75 percent weighting to historical or original cost and a 25 percent weighting to barrel- or MCF-miles.

## Railroad

For the interstate allocation of railroad unit value, the Board uses a modified version of the NATA formula. The modifications are as follows:

- Undepreciated cost is used because cost data are readily available and estimates of depreciation are not necessary.
- Rolling stock and other mobile equipment costs are excluded because these types of property move across the system and have no permanent situs.
- Miles of way and yards of tracks are included to reflect terminal activity in California.
- Fixed weightings are assigned to the property, line haul, and terminal factors because the Surface Transportation Board (formerly, the Interstate Commerce Commission) no longer provides the expense data necessary to calculate weights.

The Board uses a composite allocation factor to allocate railroad unit value. The individual allocation factors and their weightings in the composite factor are as follows:

- Cost (Surface Transportation Board form R-1), a property factor: 40 percent.
- Revenue ton-miles, a line-haul factor: 45 percent.

- Sum of tons of originating and terminating freight, tons received and delivered, and miles of yard and way switching track, a terminal factor: 15 percent.

The Board uses data from the Surface Transportation Board to calculate the individual allocation factors.

## **INTRASTATE ALLOCATION (APPORTIONMENT)**

### **BASIS FOR INTRASTATE ALLOCATION**

Except for certain electric generation property, certain railroad property and property subject to subdivisions (i), (j), (k), and (l) of section 100, all of which are discussed in sections below, the intrastate allocation or apportionment of unit value is to the county level only; the county auditor is responsible for further allocation of this value among the county's local tax jurisdictions. As stated in section 745:

The assessment of the unitary and operating nonunitary property of an assessee shall be allocated...among the counties in which parts of the unitary and operating nonunitary property are situated.<sup>32</sup>

Section 745 provides broad discretion to the Board regarding the method of allocation. The Board's primary objective is to use an allocation method resulting in an allocation of value to each county that is a reasonable estimate of the assessee's proportionate value contribution to the intrastate unit value. In other words, the objective is for an allocation to each county that is related as closely as possible to the value of each assessee's unitary property in the county. Excluding the exceptions discussed below, intrastate allocation procedures, unlike interstate procedures, do not vary significantly by industry.

### **INTRASTATE ALLOCATION PROCEDURES<sup>33</sup>**

#### **Unitary Land**

Board appraisers estimate the market values of each state assessee's unitary land parcels for each lien date, using generally accepted appraisal methods. The total unitary land value for each state assessee is the sum of the values of the assessee's unitary land parcels. This total unitary land value is allocated to each county based on situs (i.e., to each county's general countywide tax-rate area).

#### **Unitary Property Other Than Land**

The value of each assessee's unitary property other than land must also be allocated. For each assessee, this amount is the assessee's total unit value less the value of the assessee's unitary land

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<sup>32</sup> The county auditor's intracounty allocation of unitary value among the myriad local tax jurisdictions must follow the formula prescribed in section 100.

<sup>33</sup> Again, the discussion in this section excludes certain electric generation property, certain railroad property and property subject to subdivisions (i), (j), (k) and (l) of section 100.

as determined in the section above. This is often called the "net unit value." The allocation of net unit value to each county is further segregated into improvements and personal property.

Historically, the intrastate value allocation or apportionment of the net unit value was based on reproduction cost new less depreciation (ReproCNLD). The allocation factor for a given assessee's property in a given county was the ratio between current ReproCNLD of the assessee's property in that county to current ReproCNLD of the assessee's net unit value. This methodology is still used for intrastate allocation of several of the largest gas and electric and telephone company state assessees.

Beginning with the 1996 lien date, the intrastate allocation factor for all other state assessees was modified. The allocation of these companies is now based on undepreciated historical costs.<sup>34</sup>

Unitary property other than land includes property that is identifiable by location—buildings, substations, equipment, furniture, etc. For each property item, the assessee reports the original cost by acquisition year, and the location by general countywide tax-rate area (i.e., to the county level).

Also included in unitary property other than land are gas transmission and distribution mains, electrical transmission and distribution lines, telephone wires and cables, canals, pipelines, etc., all examples of a type of unitary property called "continuous structures." For intrastate allocation, the Board treats continuous structures in the same manner as property identifiable by location. For each portion or segment of a continuous structure, the assessee reports its original cost by acquisition year and its location by general countywide tax-rate area (or, if not so reported, Board staff will allocate the "continuous structures" by county).

### **Intrastate Allocation Summary**

The guiding principle of intrastate allocation is location, or situs, with value allocated to situs using allocation factors based on either ReproCNLD or historical cost. Here is a two-step summary:

1. Board staff estimates an assessee's unitary land value and allocates this value by location to each general countywide tax-rate area. The value of unitary property other than land, the "net unit value," remains to be allocated. For each assessee, this is the assessee's total unit value less the assessee's total unitary land value.<sup>35</sup>
2. For certain gas, electronic, and telephone companies, the value remaining, the net unit value, is allocated to the county level using an allocation factor based on ReproCNLD. For all other assessees, the remaining unit value is allocated to the county level using an

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<sup>34</sup> We have omitted one slight complication. "Fuel" and "materials and supplies" are typically directly deducted from the assessee's total unit value and allocated to each county by situs based on their full reported cost. The "net unit value" referred to above is thus actually the total California unit value less the value of unitary land and deducted fuel, and materials and supplies. The amount of fuel, materials and supplies is generally not significant relative to the total allocated value.

<sup>35</sup> Intercounty pipeline *land and rights of way*, however, are locally assessed.

allocation factor based on historical cost. Allocated values are differentiated by "improvements" and "personal property." The sum of the allocated values for each county equals 100 percent of the Board-adopted unitary value.

## **EXCEPTIONS TO GENERAL INTRASTATE ALLOCATION METHOD**

### **Section 100.9**

Section 100.9, effective beginning with the 2003-2004 fiscal year, requires that the assessed value of electric generation facilities assessed by the Board pursuant to section 721.5 must be allocated exclusively to the county in which the facility is located and that the revenues derived from the assessment of this property must be allocated in the same percentage shares as revenues derived from locally assessed property among the jurisdictions in which the property is located.

In other words, tax revenues from certain electrical generation facilities that are not owned by a public utility (i.e., "merchant plants") are allocated only to those governmental agencies and school entities in the tax-rate area where the facility is located.

Section 100.9 states:

(a) Notwithstanding any other provision of law and except as provided in subdivision (b), for the 2003-04 fiscal year and each fiscal year thereafter, all of the following apply:

(1) The property tax assessed value of an electric generation facility that is assessed by the State Board of Equalization shall be allocated entirely to the county in which the facility is located, and shall be allocated to that tax-rate area in the county in which the property is located.

(2) The tax rate applied to the assessed value allocated pursuant to paragraph (1) shall be the rate calculated pursuant to Section 93.

(3) The revenues derived from the application of the tax-rate to the assessed value allocated to a tax-rate area pursuant to paragraph (1) shall be allocated among the jurisdictions in that tax-rate area, in those same percentage shares that property tax revenues derived from locally assessed property are allocated to those jurisdictions in that tax-rate area, subject to any allocation and payment of funds as provided in subdivision (b) of Section 33670 of the Health and Safety Code, and subject to any modifications or adjustments pursuant to Sections 99 and 99.2.

(b) Subdivision (a) does not apply to the assessed value or the revenues derived from that assessed value from either of the following:

(1) An electric generation facility that was constructed pursuant to a CPCN issued by the CPUC to the company that presently owns the facility.































































## APPENDIX D: STATE ASSESSMENT CALENDAR

<i>Date</i>	<i>Party</i>	<i>Activity</i>	<i>Authority</i>
January 1	State assessees	State-assessed property shall be assessed at its fair market or full value as of 12:01 a.m. on the first day of January.	§ 722 Rev. & Tax. Code
No later than January 30	Executive Director	The Executive Director shall provide the Board with a proposed schedule of dates that will govern the actions to be taken pursuant to Rule 902 ( <i>Unitary Property Value Indicators and Staff Discussions</i> ), Rule 903 ( <i>Discussion with Board of Unitary Property Value Indicators</i> ), and Rule 904 ( <i>Unitary and Nonunitary Property Value Determinations and Petitions for Reassessment</i> ), no later than November 30 each year. Upon Board approval, but no later than January 30 of the next year, the Executive Director shall inform all state assessees of the schedule adopted by the Board.	Rule 901.5 Property Tax Rules
Between the first day of January and the first day of June	Board	The Board shall mail notice to the assessee stating the amount of the assessed value of the assessee's unitary property. The Board shall also advise the assessee that a petition for reassessment of the unitary property may be filed no later than July 20 of the same calendar year in which the notice is provided. The Board may extend the petition-filing period once for a period not to exceed 15 days, provided a written request for the extension is filed prior to the expiration of the period for which the extension may be granted.	§ 731 & § 733 Rev. & Tax. Code
Between the first day of January and the last day of July	Board	The Board shall mail notice to the assessee stating the amount of the assessed value of the assessee's nonunitary property. The Board shall also advise the assessee that a petition for reassessment of the nonunitary property may be filed no later than September 20 of the same calendar year in which the notice is provided. The Board may extend petition-filing once for a period not to exceed 15 days, provided a written request for the extension is filed prior to the expiration of the period for which the extension may be granted.	§ 732 & § 733 Rev. & Tax. Code
March 1	State assessees	Last day to file property statements with the Board for requests mailed on or before January 1. Assesseees have 60 days from mailing date of requests mailed after January 1 to file property statements. Rule 901 provides that the Board may grant an extension for cause not to exceed 30 days.	§ 830 & § 830.1 Rev. & Tax. Code Rule 901 Property Tax Rules
On or before April 30	Private railroad cars	The annual report required by § 11271 of the Revenue and Taxation Code of all persons whose private railroad cars operated upon the railroads of this state at any time during the prior calendar year shall be filed on or before April 30.	§ 11271 Rev. & Tax. Code Rule 1001 Property Tax Rules
May 30	Any subscriber to the Board's tax-rate area change service	Any subscriber to the Board's tax-rate area change service and who receives a change mailed between April 1 and May 1, shall file a corrected statement no later than May 30. If change mailed after May 1, a corrected statement shall be filed no later than the 60th day following the mailing of change.	§ 830(d) Rev. & Tax. Code
No later than May 31	Board	The Board will make and publicly announce individual unitary-value determinations no later than May 31. The Chief of the State-Assessed Properties Division shall notify the state assesseees of the values determined by the Board. A copy of an appraisal data sheet containing the staff value indicators and value recommendations to the Board shall accompany the notice.	Rule 904(a) Property Tax Rules



# APPENDIX E: CONSTITUTIONAL PROVISIONS, STATUTES, REGULATIONS, AND SIGNIFICANT CASES<sup>53</sup>

## CONSTITUTIONAL PROVISIONS

### ARTICLE XIII, SECTION 14

**Property to be assessed where situated.** All property taxed by local government shall be assessed in the county, city, and district in which it is situated.

### ARTICLE XIII, SECTION 19

**State board to assess and tax property of public utilities.** The Board shall annually assess (1) pipelines, flumes, canals, ditches, and aqueducts lying within 2 or more counties and (2) property, except franchises, owned or used by regulated railway, telegraph, or telephone companies, car companies operating on railways in the State, and companies transmitting or selling gas or electricity. This property shall be subject to taxation to the same extent and in the same manner as other property.

No other tax or license charge may be imposed on these companies which differs from that imposed on mercantile, manufacturing, and other business corporations. This restriction does not release a utility company from payments agreed on or required by law for a special privilege or franchise granted by a government body.

The Legislature may authorize Board assessment of property owned or used by other public utilities.

The Board may delegate to a local assessor the duty to assess a property used but not owned by a state assessee on which the taxes are to be paid by a local assessee.

## REVENUE AND TAXATION CODE PROVISIONS

### SECTION 100

Notwithstanding any other provision of law, commencing with the 1988-89 fiscal year, property tax assessed value attributable to unitary and operating nonunitary property, as defined in Sections 723 and 723.1, that is assessed by the State Board of Equalization shall be allocated by county as provided in Section 756, and the assessed value and revenues attributable to that allocation shall be allocated within each county as follows:

(a) Each county shall establish one countywide tax rate area. The assessed value of all unitary and operating nonunitary property shall be assigned to this tax rate area. No other property shall be assigned to this tax rate area.

(b) Property assigned to the tax rate area created by subdivision (a) shall be taxed at a rate equal to the sum of the following two rates:

(1) A rate determined by dividing the county's total ad valorem tax levies for the secured roll, including levies made pursuant to Section 96.8, for the prior year, exclusive of levies for debt service, by the county's total ad valorem secured roll assessed value for the prior year.

(2) A rate determined as follows:

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<sup>53</sup> The information in this appendix was current as of the publication date. The information may not reflect current law.







(A) An amount of value equal to 20 percent of the original cost of the qualified facility shall be allocated exclusively to those tax rate areas in the county in which the facility is located. The tax rates applied to this value shall be the rates described in Section 93.

(B) The revenues derived from the application of these rates to the value described in subparagraph (A) shall be allocated to jurisdictions in those tax rate areas in the county in which the qualified property is located in percentage shares that are equivalent to the percentage shares that these jurisdictions received in the prior fiscal year from the property tax revenues paid by the regulated railway company in the county in which the qualified property is located. The county auditor shall ensure that school entities, as defined in subdivision (f) of Section 95, in these tax rate areas in a county are allocated an amount equivalent to the same percentage the school entities received in the prior fiscal year from the property tax revenues paid by the regulated railway company in the county.

(2) With respect to the value of unitary property of a regulated railway company that is not described in paragraph (1), all of the following apply:

(A) A countywide tax rate area shall be established in each county in which the property of a regulated railway company is located. Value shall be allocated to that countywide tax rate area according to the following:

(i) Each countywide tax rate area shall receive an amount of assessed value equal to the amount of assessed value received in the county for the prior fiscal year, adjusted for changes in track mileage, unless the total amount of assessed value to be allocated is insufficient, in which case, each countywide tax rate area shall receive a pro rata share of the amount it received in the prior fiscal year, adjusted for changes in track mileage.

(ii) If the total amount of assessed value to be allocated is greater than the amount of assessed value allocated for the prior fiscal year, adjusted for changes in track mileage, each countywide tax rate area shall receive a pro rata share of the amount in excess of the prior year's assessed value of the regulated railway company adjusted for track mileage.

(iii) The assessed value allocated to each countywide tax rate area under clauses (i) and (ii) shall be further allocated between land, improvements, and personal property in the same proportion that existed for each regulated railway company statewide for the 2006-07 assessment year.

(B) The tax rate applied to the value allocated to a countywide tax rate area under subparagraph (A) shall be the sum of the rates described in paragraphs (1) and (2) of subdivision (b) of Section 100.

(C) The revenues derived from the application of these rates to this value shall be allocated in the manner described in subdivisions (c) and (d) of Section 100, which manner shall be modified as follows:

(i) School entities, as defined in subdivision (f) of Section 95, in a county shall be allocated an amount equivalent to the same percentage the school entities received in the prior fiscal year from the property tax revenues paid by the regulated railway company in the county.

(ii) Notwithstanding any other law, for the 2007-08 fiscal year, a redevelopment agency shall not receive any property tax revenues described in this paragraph.

(b) For purposes of this section, the following terms have the following meanings:

(1) "Qualified facility" means a building, auto or container loading and unloading facility, or transload facility that meets both of the following criteria:

(A) The original cost of the completed facility, including land, but not including, track and track materials, is equal to or exceeds one hundred million dollars (\$100,000,000).

(B) The facility is completely constructed and placed in service after January 1, 2007.

(2) "The amount of assessed value received in the prior fiscal year adjusted for changes in track mileage" means the prior year's amount of assessed value in each county after it has been adjusted upward or downward in direct proportion to the change in the amount of track mileage on unitary property in the current year over the prior year.

(3) "Track mileage" means the number of total miles of track in a county.

### **SECTION 100.9**

(a) Notwithstanding any other provision of law and except as provided in subdivision (b), for the 2003-04 fiscal year and each fiscal year thereafter, all of the following apply: (1) The property tax assessed value of an electric generation facility that is assessed by the State Board of Equalization shall be allocated entirely to the county in which the facility is located, and shall be allocated to that tax rate area in the county in which the property is located. (2) The tax rate applied to the assessed value allocated pursuant to paragraph (1) shall be the rate calculated pursuant to Section 93. (3) The revenues derived from the application of the tax rate to the assessed value allocated to a tax rate area pursuant to paragraph (1) shall be allocated among the jurisdictions in that tax rate area, in those same percentage shares that property tax revenues derived from locally assessed property are allocated to those jurisdictions in that tax rate area, subject to any allocation and payment of funds as provided in subdivision (b) of Section 33670 of the Health and Safety Code, and subject to any modifications or adjustments pursuant to Sections 99 and 99.2.

(b) Subdivision (a) does not apply to the assessed value or the revenues derived from that assessed value from either of the following: (1) An electric generation facility that was constructed pursuant to a certificate of public convenience and necessity issued by the California Public Utilities Commission to the company that presently owns the facility. (2) An electric generation facility that is owned by a company that is a state assessee for reasons other than its ownership of the generation facility or its ownership of pipelines, flumes, canals, ditches, or aqueducts lying within two or more counties.

### **SECTION 100.95**

(a) Notwithstanding any other law, for the 2007-08 fiscal year and each fiscal year thereafter, all of the following apply:

(1) The property tax assessed value of qualified property that is owned by a public utility and that is assessed by the State Board of Equalization shall be allocated entirely to the county in which the qualified property is located.

(2) The tax rate applied to the assessed value allocated pursuant to paragraph (1) shall be the rate calculated pursuant to subdivision (b) of Section **100**.

(3) The county auditor shall allocate the property tax revenues derived from applying the tax rate described in paragraph (1) of subdivision (b) of Section **100** to the qualified property described in this section as follows:

(A) (i) School entities, as defined in subdivision (f) of Section 95, shall be allocated an amount equivalent to the same percentage the school entities received in the prior fiscal year from the property tax revenues paid by the utility in the county in which the qualified property is located.

(ii) The county in which the qualified property is located shall be allocated an amount equivalent to the same percentage the county received in the prior fiscal year from the property tax revenues paid by the utility in the county in which the qualified property is located.

(iii) Special districts, other than an "enterprise special district" as defined in paragraph (3) of subdivision (c), shall be allocated an amount equivalent to the same percentage that these special districts, other than enterprise special districts, received in the prior fiscal year from the property tax revenues paid by the utility in the county in which the qualified property is located.



(B) The balance of these revenues remaining after the allocations made under subparagraph (A) shall be allocated as follows:

(i) Ninety percent shall be allocated as follows:

(I) If the qualified property is located in a city, to the city in which that property is located.

(II) If the qualified property is located in an unincorporated area of the county, to the county.

(ii) Ten percent shall be allocated as follows:

(I) If the qualified property is provided water services by a water district that otherwise receives a property tax revenue allocation under this chapter, to that water district. If the qualified property is provided water services by more than one water district that otherwise receives a property tax revenue allocation under this chapter, those districts shall each receive an equal share of this revenue.

(II) If the qualified property is provided water services by a city, to that city.

(III) If the qualified property is provided water services by a private water company or a water district that does not otherwise receive a property tax revenue allocation under this chapter:

(aa) If the qualified property is located in a city, to the city in which that property is located.

(ab) If the qualified property is located in an unincorporated area of the county, to the county.

(4) The county auditor shall allocate the property tax revenues derived from applying the tax rate described in paragraph (2) of subdivision (b) of Section **100** to the qualified property described in this section in accordance with subdivision (d) of Section **100**, except that school entities, as defined in subdivision (f) of Section 95, shall be allocated an amount equivalent to the same percentage the school entities received in the prior fiscal year from the property tax revenues paid by the utility in the county in which the qualified property is located.

(5) In order to provide the allocations required by paragraphs (3) and (4), the county auditor shall make any necessary pro rata reductions in allocations of property taxes attributable to the qualified property to jurisdictions other than those receiving an allocation under paragraphs (3) and (4).

(b) (1) A special district that serves more than one county shall spend property tax revenues allocated under this section within the county that allocated the property tax revenues in or near communities impacted by the qualified property.

(2) All other special districts that receive property tax revenues under this section and that have qualified property located entirely or partially within their jurisdiction shall spend the property tax revenues in or near communities impacted by the qualified property.

(c) For purposes of this section, all of the following apply:

(1) "Qualified property" means all plant and associated equipment, including substation facilities and fee-owned land and easements, placed in service by the public utility on or after January 1, 2007, and related to the following:

(A) Electrical substation facilities that meet either of the following conditions:

(i) The high-side voltage of the facility's transformer is 50,000 volts or more.

(ii) The substation facilities are operated at 50,000 volts or more.

(B) Electric generation facilities that have a nameplate generating capacity of 50 megawatts or more.

(C) Electrical transmission line facilities of 200,000 volts or more.

(2) "Qualified property" does not include either of the following:

(A) Additions, modifications, reconditioning, or equivalent replacements to the plant and associated equipment made after the plant and associated equipment are placed in service.

(B) Property that is subject to subdivisions (k) and (l) of Section **100**.

(3) (A) An "enterprise special district" means a special district, other than a special district described in subparagraph (B), that performs, as reported in the 2001-02 edition of the State Controller's Special Districts Annual Report, an enterprise function.

(B) An "enterprise special district" does not include any of the following:

(i) A qualified special district, as defined in Section 97.34.

(ii) A district organized pursuant to the Local Health Care District Law set forth in Division 23 (commencing with Section 32000) of the Health and Safety Code.

(iii) A transit district.

(4) A public utility shall provide to the State Board of Equalization a description of the qualified property that is subject to this section in the form prescribed by the board. The State Board of Equalization shall transmit to the auditor of each county in which qualified property is located the information necessary to identify that property and the corresponding assessed value data necessary to make the property tax revenue allocations required by this section.

## **SECTION 100.96**

(a) Notwithstanding any other law, for the 2011-12 fiscal year and each fiscal year thereafter, all of the following shall apply:

(1) The revenue from the property tax assessed on qualified property, which is owned by a public utility and assessed by the State Board of Equalization, shall be allocated in accordance with subdivision (b) entirely within the county in which the qualified property is located.

(2) The tax rate applied to the assessed value of qualified property shall be the rate calculated pursuant to subdivision (b) of Section **100**.

(b) The county auditor shall do both of the following with respect to the property tax revenues derived from applying the tax rate described in subdivision (b) of Section **100** to the qualified property:

(1) Allocate the property tax revenues derived from applying the tax rate described in paragraph (1) of subdivision (b) of Section **100** as follows:

(A) First, to the county in which the qualified property is located and to all of the school entities located in that county, the amount of property tax revenues that would have otherwise been allocated to the county and school entities or districts had this section not been enacted.

(B) Second, to the East Contra Costa Fire Protection District, an amount equal to 2 percent of the property tax revenues.

(C) Third, to the City of Oakley, the balance of the property tax revenues.

(2) Allocate the property tax revenues derived from applying the tax rate described in paragraph (2) of subdivision (b) of Section 100 as follows:

(A) First, to taxing jurisdictions in those tax rate areas in the county in which the qualified property is located, an amount equivalent to the State Board of Equalization's assessed value of the qualified property for the year multiplied by any override rate adopted by the local agency for the year.

(B) Second, the balance to taxing jurisdictions in accordance with subdivision (d) of Section 100.

(3) In order to make the allocations required by this subdivision, the county auditor shall make any necessary pro rata reductions in the allocations of property tax revenues attributable to the qualified property to jurisdictions other than those receiving an allocation under this subdivision.

(c) The City of Oakley shall reimburse the county auditor for the actual and reasonable costs incurred by the county auditor to administer this section.

(d) For purposes of this section, all of the following shall apply:

(1) "Qualified property" means both of the following:

(A) All plant and associated equipment, including substation facilities and fee-owned land and easements, placed in service by a public utility in the City of Oakley on or after January 1, 2011, and related to the following:

(i) Electrical substation facilities that meet either of the following conditions:

(I) The high-side voltage of the facility's transformer is 50,000 volts or more.

(II) The substation facilities are operated at 50,000 volts or more.

(ii) Electric generation facilities that have a nameplate generating capacity of 50 megawatts or more.

(iii) Electric transmission line facilities of 200,000 volts or more.

(B) Any additions, modifications, reconditioning, or equivalent replacements to the plant and associated equipment made after the plant and associated equipment are placed into service.

(2) A public utility shall provide to the State Board of Equalization a description of the qualified property in the form prescribed by the board so that a separate valuation can be determined. The State Board of Equalization shall transmit to the auditor of Contra Costa County the information necessary to identify the qualified property and the corresponding assessed value data necessary to make the property tax revenue allocations required by this section.

(e) (1) The City of Oakley shall develop one new housing unit for each 40 jobs created on real property within the area that was, on September 1, 2010, owned by the DuPont Corporation, commonly and formerly known as the DuPont Antioch Plant, and consisting of approximately 378 acres. This obligation shall commence upon placing the qualified property in service.

(2) All units newly developed pursuant to this section:

(A) Shall be affordable to, and occupied by, extremely low income persons, as defined in the Community Redevelopment Law (Part 1 (commencing with Section 33000) of Division 24 of the Health and Safety Code).

(B) Shall comply with the requirements of the Community Redevelopment Law (Part 1 (commencing with Section 33000) of Division 24 of the Health and Safety Code), except as otherwise provided in this section.

(C) Shall be completed and occupied no later than 10 years after any number of units required pursuant to paragraph (1) is determined pursuant to paragraph (3).

(D) May be located anywhere within the City of Oakley.

(E) May be used to satisfy the City of Oakley's regional housing needs allocation.

(3) The number of jobs created in the area specified in paragraph (1) shall be determined as follows:

(A) By January 1, 2014, and by January 1, each five years thereafter, the City of Oakley shall determine the number of jobs, full and part time, existing in the area described in paragraph (1). The City of Oakley shall use data from a state or federal agency in making the determination. The number of units required pursuant to this section shall be one-fortieth of the number of jobs calculated and shall be included in the City of Oakley's first applicable implementation plan.

(B) For each subsequent implementation plan, the number of additional units shall be based on the increase, if any, in the number of jobs since the prior calculation.

## **SECTION 108**

**"State assessed property."** "State-assessed property" means all property required to be assessed by the Board under section 19 of article XIII of the Constitution and which is subject to local taxation.

## **SECTION 721**

**Valuation and assessment.** The board shall annually value and assess all of the taxable property within the state that is to be assessed by it pursuant to section 19 of article XIII of the Constitution and any legislative authorization thereunder.

## **SECTION 721.5**

(a) Notwithstanding Section 721 or any other provision of law to the contrary, commencing with the lien date for the 2003-04 fiscal year, the board shall annually assess every electric generation facility with a generating capacity of 50 megawatts or more that is owned or operated by an electrical corporation, as defined in subdivisions (a) and (b) of Section 218 of the Public Utilities Code. (2) For purposes of paragraph (1), "electric generation facility" does not include a qualifying small power production facility or a qualifying cogeneration facility within the meaning of Sections 201 and 210 of Title II of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. Secs. 796(17), (18) and 824a-3), and the regulations adopted for those sections under that act by the Federal Energy Regulatory Commission (18 C.F.R. 292.101-292.602).

(b) This section shall be construed to supersede any regulation, in existence as of the effective date of this section, that is contrary to this section.

## **SECTION 722**

**Ratio of assessed to full value.** State-assessed property shall be assessed at its fair market value or full value as of 12:01 a.m. on the first day of January. The board shall annually prepare an assessment roll of the assessments made by it for transmittal to county auditors and city auditors as hereinafter provided in this chapter.

## **SECTION 722.5**

**Local and State assessment dates.** (a) Real property assessed by the board pursuant to section 19 of article XIII of the California Constitution on January 1, which thereafter becomes subject to local assessment, shall not be assessed locally during the remainder of the assessment year, except as provided in Chapter 3.5 (commencing with Section 75) of Part 0.5 of Division 1.

(b) Personal property that becomes subject to Board assessment after January 1, and real property that becomes subject to board assessment on or after January 1, and on or before the following January 1, shall not be state assessed until the assessment year commencing on the latter January 1.

**SECTION 723**

**Use of principle of unit valuation.** The Board may use the principle of unit valuation in valuing properties of an assessee that are operated as a unit in a primary function of the assessee. When so valued, those properties are known as "unitary property." Property of an assessee not valued through the use of the principle of unit valuation are known as "nonunitary property." When valuing nonunitary property, the Board shall consider current market value information of comparable properties provided by the assessor just prior to the reappraisal by the Board of that property.

**SECTION 723.1**

**Operating nonunitary properties.** Operating nonunitary properties are those that the assessee and its regulatory agency consider to be operating as a unit, but the Board considers not part of the unit in the primary function of the assessee. This section does not apply to state-assessed property of regulated railway companies. In the case of regulated railway companies, there shall be only two classifications of property for purposes of this code, unitary and nonunitary.

**SECTION 724**

**Timely performance.** Whenever any act is required or allowed to be done on or before a date specified in this chapter and that day is a Saturday, Sunday or holiday, the act may be performed timely during the next following business day.

**SECTION 725**

**Validity of assessment or taxes.** The failure to receive any notice required to be given by the board or the failure of the Board to complete any action by a date specified under this chapter, shall not affect the validity of an assessment or the validity of any taxes levied pursuant thereto. When any notice given by the Board pursuant to this chapter provides for a time period of less than 10 days, the notice shall also be communicated by telephone on the day the notice is dated.

**SECTION 731**

**Notification of assessment; unitary value.** Each year between the first day of January and the first day of June, upon valuing the unitary property on an assessee, the Board shall mail to the assessee, at its address as shown in the records of the Board, a notice stating the amount of the assessed value of the assessee's unitary property. The notice shall advise the assessee that a petition for reassessment of the unitary property may be filed no later than July 20 of the same calendar year in which the notice is provided at the headquarters of the Board in Sacramento.

**SECTION 732**

**Notification of assessment; nonunitary property.** Each year between the first day of January and the last day of July, upon valuing the nonunitary property of an assessee, the Board shall mail to the assessee at its address shown in the records of the board a notice stating the amount of the assessed value of the assessee's nonunitary property. The notice shall advise the assessee that a petition for reassessment of the nonunitary property may be filed not later than September 20 of the same calendar year in which the notice is provided of the headquarters of the Board in Sacramento.

**SECTION 733**

**Finality of assessment.** (a) If a timely petition for reassessment is not filed with the Board, an assessment of unitary and nonunitary property of the assessee shall become final at the expiration of the period specified for filing a petition in the notice given in accordance with section 731 or section 732.

(b) The Board may extend the period for filing a petition for reassessment once for a period not to exceed 15 days, provided a written request for the extension is filed with the Board prior to the expiration of the period for which the extension may be granted.

**SECTION 741**

**Petition for reassessment.** A petition for reassessment of unitary or nonunitary property shall be in writing and shall state the specific grounds upon which it is claimed a correction or adjustment of the assessment is founded. The petition shall be delivered to the board at its headquarters office in Sacramento.

**SECTION 742**

**Hearing on petition for reassessment.** Upon receipt of a timely petition for reassessment, the Board shall set a time and place within the state for hearing on the petition. Notice thereof shall be mailed to the assessee at its address as shown in the records of the Board, not less than 10 working days in advance of the date of the hearing.

**SECTION 743**

**Continuance of hearing; record; transcript.** The hearing may be continued by the Board for good cause. The hearing shall be open to the public, except that upon conclusion of the taking of evidence the board may deliberate in private with the aid of its staff in reaching a conclusion. Upon written request, the board shall make a full record of the hearing and furnish the petitioner with a transcript thereof at the petitioner's expense.

**SECTION 744**

**Notification of decision; findings and conclusions.** (a) The Board shall notify the petitioner of its decision on a petition for reassessment by mail and shall make written findings and conclusions in requested at or prior to the commencement of the hearing. The Board shall send a periodic report of its decisions and any written findings and conclusions thereon to each county in which affected state-assessed property is situated. The findings shall fairly disclose the Board's determination of material factual issues and shall contain a statement of the method or methods of valuation used by the board in valuing the property. Notwithstanding the requirement for a statement of method or methods, the Board's approval of a settlement of a lawsuit contesting the value of state-assessed property shall be sufficient disclosure when value is determined in accordance with a Board-approved settlement. Decisions of the Board on petitions for reassessment of state-assessed property shall be completed on or before December 31.

(b) When the value of an assessee's state-assessed property is determined, after a hearing on a petition for reassessment, to be different from the value originally adopted by the board, the board shall determine the year in which the corrected value is to be entered on the roll. The correct value may be entered on the roll for the fiscal year in which the determination is made, or the difference between the original and the corrected value may be entered as an increase or decrease in the assessment for the succeeding fiscal year. If the corrected value is entered on the roll for the fiscal year in which it is determined, and the Board Roll has been transmitted to the county auditors, the Board shall make the corresponding changes in allocations and transmit the roll corrections to the county auditor.

(c) If the amount of the correction is to be entered on the roll for the succeeding fiscal year, an amount is to be added in lieu of interest. If the correction results in a reduction in assessed value, there shall be added to the reduction, in lieu of interest, 9 percent of the difference between the original assessed value, there shall be added to

the increase, in lieu of interest, 9 percent of the difference between the original assessed value and the increased assessed value.

#### **SECTION 745**

**Assessment; placement on roll.** The assessment of the unitary and operating nonunitary property of an assessee shall be allocated to assessments on the roll prepared by the Board among the counties in which parts of the unitary and operating nonunitary property are situated. The assessment of the nonunitary property of an assessee shall be placed on the assessment roll prepared by the Board.

#### **SECTION 746**

**Notification of proposed allocated assessed values of unitary property.** Each year upon or prior to the completion of the assessment roll prepared by the board, but not later than June 15, the Board shall mail notice to each assessee at its address as shown on the records of the Board, of the allocated assessed values of the assessee's unitary property that have been or are proposed to be placed on the assessment roll to be transmitted to county auditors. The notice shall advise the assessee that a petition for a correction of an allocated assessment may be filed not later than July 20 of the same calendar year in which the notice is provided at the headquarters of the Board in Sacramento.

#### **SECTION 747**

**Petition for correction of allocated assessment.** A petition for correction of an allocated assessment shall be in writing and state the specific grounds upon which it is claimed a correction or adjustment in the allocation is founded. The value of the total unitary property of an assessee may not be brought into issue in a petition for correction of an allocated assessment.

#### **SECTION 748**

**Hearing on petition for correction of allocated assessment.** Upon receipt of a timely petition for correction of an allocated assessment, the board shall set a time and place within the state for a hearing on the petition. The Board shall mail notice of the time and place for the hearing to the assessee at its address as shown on the records of the Board not less than 10 working days prior to the date of the hearing.

#### **SECTION 749**

**Record; transcript.** Section 743 shall be applicable to hearings on petitions for correction of an allocated assessment and the Board shall notify the petitioner of its decision by mail. The decision shall include written findings and conclusions of the Board if requested at or prior to the commencement of the hearing. Decisions of the board on petitions for correction of an allocated assessment shall be completed on or before December 31.

#### **SECTION 755**

**Transmission of estimates of total assessed values to county auditors.** (a) On or before July 15, the Board shall transmit to each county auditor an estimate of the total unitary value and operating nonunitary value of state-assessed property in the county and of nonunitary state-assessed property in each revenue district in the county. An estimate need not be made for a revenue district that did not levy a tax or assessment during the preceding year unless the Board receives on or before January 1 preceding the fiscal year for which the levy is to be made a notice in writing of the proposed levy. The estimate shall be regarded as establishing the total assessed value of state-assessed property in the county and each revenue district in the county for the purpose of determining tax rates, subject only

to such changes as may be transmitted on or prior to July 31. All information furnished pursuant to this section is at all times during office hours open to inspection of any interested person or entity.

(b) Notwithstanding subdivision (a), in making the estimate referred to in subdivision (a), the unitary value and nonunitary value of the property of regulated railway companies and property subject to subdivision (I) of section 98.9 shall be allocated by revenue district.

## **SECTION 756**

**Transmission of rolls to county auditor.** (a) On or before July 31, the Board shall transmit to each county auditor a roll showing the unitary and operating nonunitary assessments made by the board in the county and the nonoperating nonunitary assessments made by the Board in each city and revenue district in the county; provided, however, that the roll need not show the assessments made by the Board in a revenue district which did not levy a tax or assessment during the preceding year. Such roll is at all times, during office hours, open to the inspection of any person representing any taxing agency or revenue district, or any district described in section 2131. If the roll does not show the assessments in a revenue district as herein provided and a notice of a proposed levy is furnished the Board in writing, on or before January 1 preceding the fiscal year for which the levy is to be made, the board shall furnish an estimate of the total assessed value of nonoperating nonunitary state-assessed property in the district and shall transmit thereafter to the county auditor a statement of roll change showing the nonoperating nonunitary assessments made by the Board in the district.

(b) Notwithstanding subdivision (a), in making the roll referred to in subdivision (a), the unitary value and nonunitary value of the property of regulated railway companies and property subject to subdivision (I) of section 98.9 shall be enrolled by revenue district.

## **SECTION 758**

If the Board Roll has been transmitted to the local auditors, the Board may make an assessment of escaped property or a roll correction. At least 30 days prior to transmitting a statement of assessment of escaped property or making a roll correction, the Board shall notify the assessee whose property's full value has increased as a result of an escaped assessment or roll correction of the assessed value of that property as it shall appear on the corrected roll. The notice shall be mailed to the assessee at its address shown in the records of the Board. The notice shall advise the assessee of the date by which and the place where a petition for reassessment may be filed. The date for filing the petition shall not be less than 50 days from the date of the mailing of the notice of value. The provisions of sections 741 and 744, inclusive, shall be applicable to petitions and hearings pursuant to this section except for the dates described for decisions of the Board.

## **SECTION 759**

(a) If a timely petition for reassessment is not filed in accordance with the notice provided by the Board pursuant to section 758, an escaped assessment or roll correction shall become final at the expiration of the period for filing a petition for reassessment specified by that notice.

(b) The Board may extend the period for filing a petition for reassessment once for a period not to exceed 15 days, provided a written request for the extension is filed with the Board prior to the expiration of the period for which the extension may be granted.

## **SECTION 11203**

**"Private railroad car."** (a) "Private railroad car" includes any railroad rolling stock intended for the transportation of any persons, commodity, or material, operated on the railroads of this state, which car is owned by a person other



than a railroad or the National Railroad Passenger Corporation. The car's Association of American Railroad's, or successor organization's, reporting mark shall be rebuttably presumed to be the mark of the car owner.

(b) "Private railroad car" does not include:

(1) Freight train or passenger train cars owned by railroad companies which are used or subject to use under the ordinary per diem agreement common to all railroads.

(2) Freight train or passenger cars handled under mileage or through line contract arrangements between railroad companies.

(3) Cars owned by or leased to any railroad company operating in this state, or by any railroad company operated as a part of the same railroad system as the company operating in this state, and used by the railroad company in the operation, maintenance, construction, or reconstruction of its property and assessed and taxed in this state as a part of the property of a railroad company operating in this state.

(4) Passenger train cars, other than those described in subdivision (b), that are privately owned and for which the owner pays the railroad a fee, regardless of how calculated, for transporting such cars.

(5) Any railroad rolling stock for which a railroad or the National Railroad Passenger Corporation is the lessee. For a leased car, the car's Association of American Railroad's, or successor organization's reporting mark is rebuttably presumed to be the mark of the lessee.

## SECTION 11206

**"Class of private railroad cars."** "Class of private railroad cars" means the Association of American Railroad's, or successor organization's, one letter alpha component of its car type codes as contained in that organization's Exhibit D of the UMLER specification manual or successor exhibit.

## SECTION 11251

**Assessment of cars.** Private railroad cars operated upon railroads into, out of, or through this state shall be assessed and taxed by the Board as prescribed in this part.

## SECTION 11291

**Property included in value of cars.** The value of private railroad cars shall not include the car owner's tools, shop equipment, materials, supplies, or other like items of personal property customarily kept or maintained at fixed locations for use in repairing, improving, servicing, or operating the cars.

## SECTION 11292

**Depreciable life.** In making the assessment, the Board shall value the cars by class based on the owner's acquisition cost, less depreciation. The depreciation shall be computed for these enumerated Association of American Railroad's, or successor organization's, car type groups on a straight-line basis with the indicated depreciable life schedules with a maximum of 80 percent depreciation allowed.

(a) Stack cars (alpha S): 22 years minus the age at acquisition.

(b) Lightweight, low profile intermodal cars (alpha Q): 22 years minus the age at acquisition.

(c) Flat cars (alpha F): 22 years minus the age at acquisition.

(d) Conventional intermodal cars (alpha P): 22 years minus the age at acquisition.

- (e) Vehicular flat cars (alpha V): 22 years minus the age of acquisition.
- (f) All other cars (all other alphas): 25 years minus the age at acquisition.
- (g) Betterments: the remaining depreciable life of the car to which the betterment is applied.

Acquisition cost is defined as the expenditures required to be capitalized by generally accepted accounting principles.

### **SECTION 11293**

**Amount of cars.** In making an assessment the Board shall determine the average number of each class of private railroad cars physically present in the state in the calendar year immediately preceding the fiscal year in which the tax is imposed upon the basis of car days. The Board shall multiply the average number so determined by the value of a car of that class as determined under section 11292 and use the product for the assessment of the cars.

### **SECTION 11294**

**Amount of cars; exclusion.** In determining the averages required in section 11293, the Board shall exclude from the California factor car mileage, car days or such other data which occurs while cars are not qualified for revenue service and are in a repair facility in this state requiring and undergoing or awaiting remodeling, overhaul, renovation, conversion or repair which necessitates total labor in excess of 10 man-hours.

Car days excluded pursuant to this section shall not exceed 90 days per car unless the claimant provides substantiation of the necessity for the additional days in such form as prescribed by the Board.

## **PROPERTY TAX RULES**

### **TITLE 18, PUBLIC REVENUES, CALIFORNIA CODE OF REGULATIONS**

#### **RULE 901. PROPERTY STATEMENT**

*References:* Section 826, Revenue and Taxation Code.  
Section 15620, Government Code.

The property statement pertaining to state-assessed property provided for in section 826 of the Revenue and Taxation Code shall be filed with the Board between the lien date and 5 p.m. on March 1; provided that, on a showing of good cause and pursuant to a request made prior to March 1, the due date may be extended by the board for a period not exceeding 30 days.

#### **RULE 901.5. BOARD SCHEDULE**

*Reference:* Sections 731, 732, 741, 742, 743, 747, 748, 749, 11338, 11339, 11353, Revenue and Taxation Code.

No later than November 30 each year the Executive Director shall provide to the Board a proposed schedule of dates that will govern the actions to be taken pursuant to sections 902 through 905 for the following calendar year. On Board approval, but no later than January 30 next following, the Executive Director shall inform all state assesseees of the schedule adopted by the Board.

**RULE 902. UNITARY PROPERTY VALUE INDICATORS AND STAFF DISCUSSIONS**

*Reference:* Section 721, 722, 723, 724, 725, Revenue and Taxation Code.

Each year the State-Assessed Properties Division shall make capitalization rate studies and develop value indicators applicable to the unitary property of each state assessee. A copy of the appropriate capitalization rate study and a summary of the calculations of the value indicators shall be provided by the Chief, State-Assessed Properties Division, to the affected assessee on request. The assessee shall be informed that the staff will be available to discuss the data supplied.

**RULE 903. DISCUSSION WITH BOARD OF UNITARY PROPERTY VALUE INDICATORS**

*Reference:* Sections 721, 722, 723, 724, 725, Revenue and Taxation Code.

State assessee will, at the discretion of the Board, be afforded an opportunity to discuss the value of their unitary property at a public meeting. The discussion may relate to any information bearing on the value of the property as well as the staff-calculated value indicators. For the purposes of this discussion, the staff will not be required to provide value recommendations.

**RULE 904. UNITARY AND NONUNITARY PROPERTY VALUE DETERMINATIONS AND PETITIONS FOR REASSESSMENT**

*Reference:* Sections 731, 732, and 746, Revenue and Taxation Code.

(a) As soon as practical, the staff shall transmit unitary-value recommendations to the Board. Following this, but no later than May 31 each year, the Board will make and publicly announce individual value determinations. The Chief of the State-Assessed Properties Division shall notify the state assessee of the values determined by the Board and the fact that a petition for reassessment of the unitary property must be filed, if at all, not later than July 20 of the year of the notice. The notice shall be accompanied by a copy of an appraisal data sheet containing the staff value indicators and value recommendation to the Board.

(b) On or before the last day of July, the Chief of the State-Assessed Properties Division shall notify the state assessee of the values of nonunitary property. This notice shall inform the assessee that a petition for reassessment on nonunitary property must be filed, if at all, not later than September 20 of the year of the notice.

(c) On or before June 15, the Chief of the State-Assessed Properties Division shall transmit notices of allocated assessed unitary values to each assessee. This notice will inform each assessee that a petition for a correction of an allocated assessment must be filed, if at all, no later than July 20 of the year of the notice.

**RULE 905. ASSESSMENT ELECTRIC GENERATION FACILITIES**

*Reference:* California Constitution, article XIII, section 19; and section 721, Revenue and Taxation Code.

(a) Commencing with the assessment for the lien date for the 2003 assessment year, an electric generation facility shall be state assessed property for purposes of article XIII, section 19 of the California Constitution if: (1) the facility has a generating capacity of 50 megawatts or more; and (2) is owned or used by a company which is an electrical corporation as defined in subdivisions (a) and (b) of section 218 of the Public Utilities Code; or, the facility is owned or used by a company which is a state assessee for reasons other than its ownership of the electric generation facility or its ownership of pipelines, flumes, canals, ditches, or aqueducts lying within two or more counties.

(b) "Electric generation facility" does not include a qualifying small power production facility or a qualifying cogeneration facility within the meaning of Sections 201 and 210 of Title II of the Public Utility Regulatory Policies

Act of 1978 (16 U.S.C. §§796(17), (18) and 824a-3) and the regulations adopted for those sections under that act by the Federal Energy Regulatory Commission (18 C.F.R. 292.101-292.602).

(c) For purposes of this section, "company" means:

(1) A person as defined in Revenue and Taxation Code section 19;

(2) A separate division or other functional unit of a business enterprise which is created and maintained to operate any electric generation facility, where the business enterprise is engaged in a primary business other than generating, transmitting, distributing or selling electricity to the public.

(d) If an electric generation facility is operated by a separate division or other functional unit of a business enterprise, as described in this rule, the business enterprise must maintain accounting and other records sufficient to distinguish the costs and revenues of the separate division or unit from other divisions and units of the business enterprise.

(e) As adopted on September 1, 1999 and effective November 27, 1999, this rule is applicable to define electric generation facilities subject to state assessment to and including December 30, 2002. As amended on November 28, 2001, and filed with the Secretary of State on May 14, 2002, this rule is applicable to define electric generation facilities subject to state assessment as of December 31, 2002 and thereafter.

#### **RULE 1001. ANNUAL REPORT**

*Reference:* Section 11271, Revenue and Taxation Code.

The report required by section 11271 of the Revenue and Taxation Code of all persons whose private railroad cars operated upon the railroads in this state at an time during a calendar year shall be filed on or before the thirtieth day of April of the following year.

#### **RULE 1003. MISSING PRIVATE RAILROAD CAR COUNT DATA**

*Reference:* Section 11293, Revenue and Taxation Code.

In determining the private railroad car count averages required by statute the Board may substitute for missing border crossing information that average length of stay in the state experienced by private railroad cars of the same class and assessee during the calendar year immediately preceding the year in which the tax is imposed. Border crossing information shall be deemed missing only when it cannot be submitted by the assessee.

## CASES

***Adams Express Company v. Ohio State Auditor*** (1897) 166 U.S. 185. In taxing properties located within its limits, a state may properly tax things united in use as a whole by reference to the productive use of the entire unit.

***American Sheds, Inc. v. County of Los Angeles*** (1998) 66 Cal.App.4th 384. Certain intangibles, namely the operating permits and business enterprise value of a landfill, were not improperly subsumed in the valuation formula approved by the Board. In valuing property under section 110 (e), it may be valued by assuming the existence of intangible assets necessary to put the property to productive use. Thus, the assessor may assume the presence of a liquor license so that a bar's taxable property may be taxed as a bar and not at salvage value, (i.e., a warehouse); though the liquor license cannot be used to "enhance" the value of the property.

***Bluefield Water Works and Improvement Company v. Public Service Commission of The State of West Virginia, et al.*** (1922) 262 U.S. 679. In valuing the property of a public utility corporation, the rates must be sufficient to yield a reasonable return on the value of the property at the time it is being used to render service.

***California Portland Cement Co. v. State Board of Equalization*** (1967) 67 Cal.2nd 578. When there is insufficient market data available to ascertain the actual market value of the particular type of property, other factors such as replacement costs and income analyses, including the property's net earnings to be capitalized, may be employed.

***Cardinal Health v. County of Orange*** (2008) 167 Cal.App.4th 219. The issue in this case was whether application software was exempt from property taxation even if it came "bundled" or "embedded" with taxable computer hardware. The Court of Appeal held that bundling by itself is not dispositive of whether application software is taxable under Rev. & Tax. Code, §§ 995, 995.2, as basic operational programming. Rather, the Court stated, "Rule 152, subdivision (f) clearly contemplates the possibility that a taxpayer can 'identify the nontaxable property and services and supply sale prices, costs or other information that will enable the assessor to make an informed judgment concerning the proper value to be ascribed to taxable and nontaxable components of the contract.' In other words, the sale or lease price is not *necessarily* what is taxable if the taxpayer carries that burden of identification." [Emphasis in original]

***Cleveland, Cincinnati, Chicago & St. Louis Railway Company (The) v. Victor M. Backus*** (1893) 154 U.S. 439. The true value of a line of railroad is something more than the aggregation of the values of separate parts of it, operated separately; it is the aggregate of those values plus that arising from a connected operation of the whole.

***County of Los Angeles v. County of Los Angeles Assessment Appeals Board*** (1993) 13 Cal.App.4th 102. Taxable possessory interests of car rental firms in public airports should be valued on the basis of the physical possession and exclusive use of their leased counters and reserved parking spaces, and not in the entire airport as a business premises. Some rights granted by the firms' agreements to do business at the airports were not possessory interests, but intangibles not subject to property tax.

***County of Stanislaus v. County of Stanislaus Assessment Appeals Board*** (1989) 213 Cal.App.3d 1445. The appeals board erred in ruling that the company's entire franchises were nontaxable intangibles. The company's authority to use public rights-of-way is an assessable possessory interest in real property; and while the company's right to engage in the cable television business is not a part of this interest for assessment purposes, it can be considered in assessing the value of the possessory interest.

***Cox Cable Company v. County of San Diego*** (1986) 185 Cal.App.3d 368. The interests of a cable television distribution company in franchise agreements granting the company the right to use and occupy public rights-of-way for the purpose of distributing its service are subject to property taxation since the company's use constitutes taxable possessory interests. A possessory interest may be the interest of either an easement holder or a mere permittee or licensee.

***De Luz Homes, Inc. v. County of San Diego*** (1955) 45 Cal.2d 546. The absence of an actual market for a particular type of property does not mean that it has no value or that it may escape from the mandate of Constitution, article XIII, section 1, that all property shall be taxed in proportion to its value, but only that the assessor must then use such pertinent factors as replacement costs and analyses for determining valuation. In valuing a leasehold interest

in exempt lands and improvements by the capitalization of income method it is improper, in computing the anticipated net income to be capitalized, to deduct from anticipated gross income the lessee's charges for rent, amortization of his investment, or payments of principal and interest on his mortgage debt. The proper method of valuing a possessory interest in a housing project at a permanent military installation is to deduct from annual anticipated gross income the operating and maintenance expenses and the amount required by the leased to be deposited to a replacement reserve, and to capitalize the difference for the remaining years of the lease at a rate which will allow for risk, interest, and taxes.

***Dominguez Energy, L.P. v. County of Los Angeles*** (1997) 56 Cal.App.4th 839. The performance of environmental cleanup projects in conformity with an environmental protection statute may be treated as a "restriction imposed by government" within the meaning of section 402.1. Upon substantial evidence that the environmental cleanup will not be deferred to the end of the economic life of the property, clean-up costs attributable to oil and gas operations should be recognized as nonrecurring capital expenditures within the cash flow. Environmental remediation costs that are likely to occur at abandonment should be treated as abandonment costs in the cash flow.

***Elk Hills Power, LLC v. Board of Equalization*** (2013) 57 Cal.4th 593. The issue in this case was whether the Board properly considered applied (as opposed to "banked") emission reduction credits (ERCs) in determining the unitary value of Elk Hills' state-assessed electric power plant for purposes of property taxation under both the replacement cost less depreciation approach (RCLD) and the income approach. The Supreme Court concluded that "the Board directly and improperly taxed the power company's ERCs when it added their replacement cost to the power plant's taxable value." The Supreme Court, however, clarified that "[w]here the taxpayer does not proffer evidence that the Board included the fair market value of an intangible right or asset in the unit whole, the Board would not have to make a deduction prior to assessment." With respect to the income approach, the Court distinguished between two lines of cases. "In the first line of cases, as in this case, courts have upheld income-based assessments that properly assumed the presence of intangible assets necessary to the productive use of taxable property without deducting a value for intangible assets. [¶ ... ¶] The second line of cases disapproved assessments that failed to attribute a portion of a business's income stream to the enterprise activity that was directly attributable to the value of intangible assets and deduct that value prior to assessment." The Court concluded in this case that "the Board was not required to deduct a value attributable to the ERCs under an income approach."

***Firestone Tire and Rubber Company v. County of Monterey*** (1990) 223 Cal.App.3rd 382. Although the cost of pollution cleanup that reduces the fair market value of the property may form the basis for a reduction in the property's valuation under section 110, there was insufficient evidence to establish that the assessor knew or should have known that the plant was contaminated on the date the assessor's valuation of the plant was made.

***GTE Sprint Communications Corporation v. County of Alameda et al.*** (1994) 26 Cal.App.4th 992 Unit of taxation of public utilities and railroads is properly characterized as the taxation of property as a going concern, not as the taxation of real property or personal property, or even a combination of both. Under the unit taxation method, the Board considers the earnings of the property as a whole, and does not consider, less still assess, the value of any single real or personal asset. The valuation methodology used by the Board to assess tangible property was invalid, because it did not satisfactorily account for the value of the company's intangible assets. Intangible assets are not subject to property taxation, although their value may be included in the value of otherwise taxable tangible property. The Board erred in assuming that unit valuation, especially when calculated by the capitalized earnings ability method, necessarily taxed only the intangible values as they enhanced the tangible property.

***ITT World Communications, Inc. v. County of Santa Clara*** (1980) 101 Cal.App.3d 246. The State Board of Equalization was free to alter its method of assessing public utility property subject to requirements of fairness and uniformity, and its abandonment of RCNLD as a ceiling was not arbitrary, in excess of discretion, or in violation of the standards prescribed by law. The Board's capitalization of income method of valuation was proper and did not result in an unconstitutional tax on plaintiff's franchise, even though the value arrived at by that method might exceed RCNLD. The Board's prior use of RCNLD did not have the status of a regulation that could be repealed only by pursuing statutory proceedings, and was not a policy that had been consistently acquiesced in by the Legislature and recognized by the courts so as to require legislation to change it.

***ITT World Communications, Inc. v. City and County of San Francisco et al.*** (1985) 37 Cal.3d 859. California Constitution, article XIII, section 19, requiring public utility property to be "subject to taxation to the same extent and in the same manner as other property," does not require utility property to be valued on the same basis as other property, and therefore does not require the application of the valuation rollback provisions in California Constitution, article XIII A, section 2(a) to unit taxation of public utility property. The valuation rollback provision is limited by its terms to locally assessed real property. Article XIII, section 19, simply specifies that public utility property be levied on at the same rate as locally assessed property.

***Los Angeles SMSA Limited Partnership v. State Board of Equalization*** (1992) 11 Cal.App.4th 768. Market value for assessment purposes is the value of property when put to beneficial or productive use. One of the primary objectives of the system of unit taxation of public utility property is to ascertain and reach with the taxing power the entire real value of such property. It has long been recognized that public utility property cannot be regarded as merely land, buildings and other assets. Rather, its value depends on the interrelation and operation of the entire utility as a unit. Unit taxation is properly characterized not as the taxation of real property or personal property or even a combination of both, but rather as the taxation of property as a going concern.

***Madonna v. County of San Luis Obispo*** (1974) 39 C.A.3d 57. Where there was no evidence that supported the assessment of improvements (a motel, restaurant and shops) based on a capitalized income approach that included enterprise value, and the board rejected two sets of valuation data that were supported, the Board acted on speculation and conjecture in determining the assessments. Such action of the Board was characterized as arbitrary and capricious, entitling the taxpayer to recovery of attorney's fees.

***Michael Todd Company, Inc. v. County of Los Angeles et al.*** (1962) 57 Cal.2nd 684. The market value for assessment purposes is the value of property when put to beneficial use and is not the residual value remaining when the property is reduced to its constituent elements (e.g., a film negative should be valued as a motion picture, not merely as film). The absence of an "actual market" for a particular type of property does not mean that the property has no value, but only that the assessor must utilize other pertinent factors such as replacement cost and income analysis in making the valuation.

***Norfolk and Western Railway Company et al. v. Missouri State Tax Commission et al.*** (1968) 390 U.S. 317. Any formula used in connection with the assessment of state taxes on an interstate enterprise must bear a rational relationship, both on its face and in its application, to property values connected with the taxing state; and a state is not permitted, under the shelter of an imprecise allocation formula, or by ignoring peculiarities of a given enterprise, to project its taxing power plainly beyond its borders.

***Roehm v. County of Orange*** (1948) 32 Cal.2nd 280. The California Constitution contains a grant of power to the Legislature to provide for the assessment, levy, and collection of taxes, but it does not grant power to provide for the taxation of intangible assets other than those listed. Liquor licenses are not subject to ad valorem taxation as personal property, since they are not included in the list of intangibles specified.

***Shubat v. Sutter County Assessment Appeals Board*** (1993) 13 Cal.App.4th 794. The right of a cable television company to do business, as well as the "enterprise value" of it as a going concern, has a separate value. Thus, the Board's method of allocating one-third of the residual value, after assigning amounts to the tangible assets, to the possessory interest and the remainder to other nontaxable intangibles, was reasonable under the circumstances.

***Sprint Telephony PCS, L.P. v. State Bd. of Equalization*** (2015) 238 Cal.App.4th 871. The appellate court noted that the plain language of Revenue and Taxation Code section 5148, subdivisions (f) and (g) requires that a telephone company wanting to preserve its right to file a judicial tax-refund action must state that its reassessment petition is also to serve as a claim for refund. The court then concluded that Sprint's failure to designate its petition for reassessment as also a claim for refund, by either checking a box on the reassessment petition or otherwise indicating its intent that the petition serve as a claim, barred Sprint's property tax refund action under section 5148. The court noted that although the company argued that the notice requirement was an unfair technicality and that the counties where it owned property were not prejudiced by its failure to comply, the trial court did not err when it relied on the principle requiring strict compliance with tax statutes in accordance with the constitutional limitation in California Constitution article XIII, section 32, vesting the Legislature with plenary control over the manner in which tax refunds could be obtained.

***South Bay Irrigation District v. California-American Water Company*** (1976) 61 C.A.3d 944. Fair market value, that is, what a willing buyer would pay in cash to a willing seller, is the measure of just compensation in an action in eminent domain brought by a city to condemn for public use a privately owned waterworks system operating as a public utility. It is not improper to attach greater weight to the capitalization of income method of determining market value than to other methods proposed.

***Southern California Telephone Company v. County of Los Angeles*** (1941) 45 Cal.App.2d 111. It is the function of a central assessment agency like the State Board of Equalization, to evaluate public utility property as a whole in order to assure the assessment of those values which cling to the entire property as a unit, and in order to assure the assessment of the same type of property at uniform value throughout the state. The very fact of segregation of such assessments from that of other property indicates an intention that the central assessment might be different from the values of the local assessor. In order for discrimination in assessment to occur, there must be two actions relating to different parties, and they must be performed by the same taxing agency.

***Southern Pacific Pipe Lines, Inc. v. State Board of Equalization*** (1993) 14 Cal.App.4th 42. While article XIII, section 19 of the Constitution allows for the unit taxation of all public utility property, only those items deemed to constitute a private, intercounty pipeline may be assessed by the Board, including enumerated mechanical parts, fittings, and tanks necessary to the pipeline's operation. Real property interests, land, and rights-of-way, are excluded from the definition of a pipeline. Similarly, specific facilities, including a products plant, a wharf and marine terminal, engaged in multiple uses were not essential to the operations of intercounty pipeline that terminated there, and thus, were not part of the pipelines which the Board could assess.



## GLOSSARY

<b><i>Abnormal Costs</i></b>	Amounts recorded in the property accounting records that are greater than what is typically expected in the construction or acquisition of a particular property; for example, costs incurred to correct construction flaws.
<b><i>Accelerated Depreciation</i></b>	A method of accruing greater depreciation expense in the early years of a property's life and less in the later years.
<b><i>Accumulated Depreciation</i></b>	The total depreciation recorded on, or charged against, an asset since its acquisition; a contra account deducted from the original cost of an asset on the balance sheet.
<b><i>Ad Valorem Tax Component</i></b>	The part of the total capitalization rate that reflects the property taxes that a hypothetical purchaser would incur on purchase of the subject property. The component is expressed as a relationship between the expected annual property tax expense and value.
<b><i>Allowance for Funds Used During Construction (AFUDC)</i></b>	A component of construction cost for a capital project representing the cost of financing the project during its construction.
<b><i>Amortization</i></b>	The process of retiring a debt or recovering a capital investment through scheduled, systematic repayment of principal; a program of periodic contributions to a sinking fund or debt retirement fund.
<b><i>Annuity</i></b>	A periodic series of obligatory payments; an annuity can be level, increasing, decreasing, or a combination thereof.
<b><i>Anticipated Operating Expenses</i></b>	The amount of future annual expenses anticipated, or expected, from the operation of property by a hypothetical purchaser.
<b><i>Anticipated Operating Revenue</i></b>	The amount of future annual revenues anticipated, or expected, from the operation of property by a hypothetical purchaser.
<b><i>Apportionment to Intrastate Jurisdiction</i></b>	The process of assigning a portion of a state unit value or state statistic or company statistic to geographical areas within a state, usually tax levying districts or tax-rate areas. Also called intrastate allocation.
<b><i>Appraisal Unit</i></b>	The unit of property that is typically bought or sold in the market.
<b><i>Assessment Ratio</i></b>	The relationship of assessed value to market value or to some other statutory value such as actual value, true cash value etc.
<b><i>Band of Investment</i></b>	A technique in which the capitalization rates attributable to components of a capital investment are weighted and combined to derive a weighted-average rate attributable to the total investment. In the context of corporate finance, called the weighted average cost of capital.

<b><i>Basic Capitalization Rate</i></b>	The rate of return on an investment necessary to attract investors; also known as the return on investment, or yield rate typically computed by use of the band of investment method. The basic capitalization rate does not include any adjustment for capital recapture or taxes.
<b><i>Bond Discount</i></b>	A dollar discount to the face value of a bond due to a market interest rate greater than the bond's coupon rate, or stated rate of interest.
<b><i>Bond Premium</i></b>	A dollar premium to the face value of the bond due to issuing costs or a market interest rate less than the bond's coupon rate, or state rate of interest.
<b><i>Book Cost</i></b>	The amount in dollars of an asset as it is carried in the accounting records of a firm. The original cost of an asset.
<b><i>Book Value of an Asset</i></b>	Capitalized, or book, cost less its accumulated (accounting) depreciation.
<b><i>Capital Structure</i></b>	The manner in which a business entity is financed; the mix, or relative proportions, of equity and debt used to finance the entity.
<b><i>Capitalization Process</i></b>	The procedure of converting income into value.
<b><i>Capitalization Rate</i></b>	Any rate used to convert income into an indicator of value; a ratio that expresses a relationship between income and value.
<b><i>Cash Equivalent</i></b>	Price of a property expressed in terms of cash, as distinguished from a price expressed, all or in part, in terms other than cash.
<b><i>Cash Flow</i></b>	The case receipts and cash expenditures associated with a project or investment.
<b><i>Certificate of Public Convenience and Necessity</i></b>	A grant of authority from a state or federal regulatory commission authorizing a company to render a public utility service, usually specifying the area and other conditions of service.
<b><i>Common Carrier</i></b>	An individual, corporation, or entity engaged in transporting persons, goods, or messages for compensation over a regular route, on a certain schedule, or at a published rate, all of which are usually subject to government regulation.
<b><i>Comparative Sales Approach</i></b>	The technique of valuing properties by comparing them with similar properties that have been sold on a specified date. The comparative sales approach requires the sale of a sufficient number of similar properties within a specified period so that their characteristics and sales prices can be compared. It is based on the principle of substitution, which assumes that buyers would not pay more, and sellers would not accept less, for properties that are similar to, or have comparable utilities, to those that are sold in the same period.
<b><i>Cost</i></b>	The expenditure required to develop and construct an improvement or acquire real and personal property.
<b><i>Debt</i></b>	An obligation to repay a specified amount of money at a specified time. Long-term debt is considered to be a permanent part of the capital used by a firm.

<b><i>Deferred Credits</i></b>	Miscellaneous long term liabilities. Often is a catchall account for long term liabilities that do not fit into any other liability category and are not material enough individually to constitute a separate category.
<b><i>Deferred Income Taxes</i></b>	Accrued income tax credit or accrued income tax charge arising from the use of different accounting methods for financial and income tax reporting. To conform to regulatory requirements, public utilities generally use straight-line depreciation for financial accounting purposes. However, to minimize income tax liability, accelerated depreciation is generally used for income tax reporting. The use of different depreciation methods creates a tax timing difference known as deferred income taxes.
<b><i>Depreciation</i></b>	<p>In accounting: the expense charged to amortize the historical cost of an asset over its useful life; the allocation of the historical cost of an asset to the accounting periods over which the asset provides economic benefits.</p> <p>In valuation or appraisal: a decrease in utility resulting in a loss in property value; the difference between estimated replacement or reproduction cost new as of a given date and market value as of the same date. There are three principal categories of depreciation identified in appraisal:</p> <ol style="list-style-type: none"> <li>(1) Physical Deterioration. The loss in utility and value due to some physical deterioration in the property; considered curable if the cost to cure it is equal to or less than the value added by curing it.</li> <li>(2) Functional Obsolescence. The loss in utility and value due to changes in the desirability of the property; attributable to changes in tastes and style or the result of a poor original design. Functional obsolescence is curable if the cost to cure it is equal to or less than the value added by curing it.</li> <li>(3) External (or Economic) Obsolescence. The loss in utility and value due to an incurable defect caused by external negative influences outside the property itself.</li> </ol>
<b><i>Easement</i></b>	An interest in real property that conveys the right to use a portion of another's property.
<b><i>Economic Life</i></b>	The period of time over which improvements to real property contribute to the total property value.
<b><i>Economic Rent</i></b>	The amount of rental income that could be expected from a property if available for rent on the open market, as indicated by the prevailing rental rates for comparable properties under similar terms and conditions; economic rent is distinguished from contract rent, which is the actual rental income for the subject property as specified in a lease; economic rent is also referred to as market rent.
<b><i>Embedded Debt Cost</i></b>	The average rate of interest that a company pays for its long-term debt. The amount of total interest paid on long-term debt during the year divided by the face value of the long-term debt outstanding at the year-end. The historical cost of debt.

<b><i>Equity</i></b>	The ownership interest in a business. The net worth of a business, its total assets minus its total liabilities. The amount of money the owners have invested in common and preferred stock plus earnings of the business that have not been paid out as dividends.
<b><i>Expense</i></b>	The gross dollars periodically paid out for materials or services necessary to production. Operating expenses mean direct and incidental expenses in carrying on the primary business, for example, expenses of an electric utility in producing electric revenues. (Also, see Property Tax Rule 8.)
<b><i>Fair Return</i></b>	An amount of income authorized by a regulatory agency that is considered sufficient for a utility to attract necessary additional capital and at the same time render adequate service.
<b><i>Fixed Expenses</i></b>	Expenses of a firm that do not vary in relation to changes in volume of output, for example, interest on borrowed funds, insurance, rent, property taxes or depreciation in some instances.
<b><i>Form 10-K Report</i></b>	An annual report submitted by corporations to the Securities and Exchange Commission. A new schedule in the 10-K requires certain large corporations to report the replacement cost of their productive capacity, the depreciated replacement cost, and the annual depreciation expense as though it were on a replacement cost basis.
<b><i>Form R-1</i></b>	The annual reports of business operation filed with the Surface Transportation Board by class I railroads.
<b><i>Fractional Method</i></b>	Separately valuing each item of property.
<b><i>Franchise</i></b>	A privilege to do certain things not a common right of citizens generally that is conferred by government to an individual or corporation.
<b><i>Functional Obsolescence</i></b>	A form of appraisal depreciation. The loss in utility and value due to changes in the desirability of the property; attributable to changes in tastes and style of the result of a poor original design. Functional obsolescence is curable if the cost to cure it is equal to or less than the value added by curing it.
<b><i>Generally Accepted Accounting Principles (GAAP)</i></b>	Accounting concepts, standards, and procedures adopted and promulgated by the Financial Accounting Standards Board. An audit report contains the auditor's certification of whether or not a firm has followed GAAP in the preparation of its financial statements.
<b><i>Gross Additions</i></b>	New property added to existing plant or improvements. Betterments added to existing plant or improvements. Usually reported in dollar amounts.

<b><i>Gross Income</i></b>	Income from the operation of a business or the management of property, customarily stated on an annual basis. Gross income is income to the property from all sources. In an apartment property, for example, the gross income could be the sum of living unit rent, parking space rent, vending machine and laundry facility income. (Also, see Property Tax Rule 8.)
<b><i>Historical Cost</i></b>	The total cost of a property when it was originally constructed or purchased.
<b><i>Income</i></b>	Money or other benefits stemming from the ownership of property, generally received on a monthly or annual basis. The word "income" used alone has no specific appraisal significance, but must be qualified – for example, gross income, net operating income, etc.
<b><i>Income Adjustment Factor</i></b>	An adjustment in the mathematical derivation of the percent good factor that reflects an allowance for the reduction in income from a property as it ages.
<b><i>Income Approach</i></b>	Any method of converting an income stream or a series of future income payments into an indicator of present value.
<b><i>Income Influence Method</i></b>	A method of allocating a sale price or stock and debt value of a business to its different segments or subdivisions, according to the contribution of each segment to the total income of the business.
<b><i>Income Tax Component</i></b>	The part of the total capitalization rate that reflects the income taxes that a hypothetical purchaser would incur upon purchase of the subject property. This component is expressed as a relationship between the expected annual income tax expense and value.
<b><i>Indicator of Value</i></b>	An estimate of the monetary worth of a specifically identified property (be it a single parcel of land or piece of equipment or an extensive corporate conglomerate) based on consideration of particular characteristics or attributes of the property. Among the most common indicators of value are those derived from cost, income, and comparative sales approaches to value.
<b><i>Interest Rate</i></b>	The rate of return on debt capital; the price paid for borrowing money.
<b><i>Interstate Allocation</i></b>	The process of assigning a portion of a unit value or system statistic to a state, assuming that the unit value or system statistic reflects multistate operations.
<b><i>J Factor</i></b>	An adjustment made to straight-line depreciation in the calculation of the income tax component that reflects the relative benefits or disadvantages of the use of modified accelerated cost recovery system depreciation for determining income tax liability.
<b><i>Land Reversion</i></b>	The market value of land at the end of the remaining economic life of the assets (other than land) in a limited-life capitalized earnings ability model. This value is discounted to the valuation date using the basic capitalization rate plus a component for ad valorem taxes.

<b><i>Liabilities</i></b>	Claims held by non-owners on the assets of a business. Liabilities are obligations that a business is obliged to pay before the claims of the owners can be satisfied.
<b><i>Lien Date</i></b>	All taxable property (both state and locally assessed) is assessed annually for property tax purposes as of 12:01 a.m. on January 1, which is called the lien date. It is referred to as the lien date because on this date the taxes become a lien against all real property assessed on the secured roll.
<b><i>Life Study</i></b>	A survey or study of property lives by property category.
<b><i>MACRS</i></b>	The modified accelerated cost recovery system of depreciation allowed by the Internal Revenue Code.
<b><i>Main Track</i></b>	Refers to the lines or routes of railroad, whether main line or branch line, as distinguished from yard track, side track, or passing track.
<b><i>Market Value</i></b>	Also referred to as full cash value or fair market value. It means the amount of cash or its equivalent that property would bring if exposed for sale in the open market under conditions in which neither buyer nor seller could take advantage of the exigencies of the other and both with knowledge of all the uses and purposes to which the property is adapted and for which it is capable of being used and of the enforceable restrictions upon those uses and purposes.
<b><i>Net Additions</i></b>	Gross additions less the retirements; usually reported in dollar amounts.
<b><i>Net Book Value</i></b>	The amount, in dollars, of an asset as carried in the accounting records of a business. The original cost of an asset less its accrued depreciation.
<b><i>Noncapitalized Leased Property</i></b>	Leased property that is not reflected as a liability on a company's balance sheet.
<b><i>Nonunitary Operations</i></b>	Income-producing activities of a public utility that are not essential to the provision of its public utility service. Assets owned or used by a public utility that are not essential to the provision of its public utility service are known as "nonunitary property."
<b><i>Nonunitary Property</i></b>	Property not assessed as part of the unit. (Also, see nonunitary operations.)
<b><i>Nonutility Operations</i></b>	Income-producing activities of a public utility not related to its primary public utility function.
<b><i>Normal Costs</i></b>	Costs typically expected in the construction or acquisition of a particular property type.
<b><i>Obsolescence</i></b>	The loss in property value from causes other than physical deterioration. Obsolescence is functional if circumstances internal to the property item render it less desirable; or economic if circumstances external to the property and beyond the control of the property owner render the property less desirable.

<b><i>Original Cost</i></b>	The cost of the property item to the present owner. Sometimes used as equivalent to historical cost.
<b><i>Percent Good</i></b>	The complement of depreciation; if a property is 20 percent depreciated, its percent good is 80 percent. Percent good refers to the portion of benefits remaining in an asset compared to the total benefits when new.
<b><i>Present Value (PV)</i></b>	The value of a future payment or series of future payments discounted to the valuation date or some other specified date.
<b><i>Pre-tax Cash Flow</i></b>	Cash flow plus payment for income taxes. When applied to "cash flow", the term "before-tax" refers only to income taxes.
<b><i>R3 Survivor Curve</i></b>	One of the asset retirement curves developed and published by the Engineering Department at Iowa State University.
<b><i>Rate Base</i></b>	The dollar amount established by a regulatory agency on which a return is allowed.
<b><i>Rate of Capitalization</i></b>	A ratio of income to value. There are many types of capitalization rates depending on the elements included in the rate - for example, interest; investment, or capital, recapture; ad valorem taxes; and income taxes.
<b><i>Rate of Return</i></b>	A general term used in several ways. May refer to the yield to an investor, either on equity investment or total property value. May refer to the ratio of net operating income, before-tax cash flow, or some other level of income to the total property value, the initial equity or total investment, or the average equity or total investment during a given period.
<b><i>Recapture</i></b>	The return of invested capital. Capital may be returned gradually in periodic income, all or in part in resale of the property, or both. Different capitalization techniques are often distinguished by different methods of capital recapture.
<b><i>Remaining Economic Life</i></b>	The estimated period during which the improvements will continue to contribute to a property's value.
<b><i>Replacement Cost</i></b>	The cost required to replace an existing property with a property of equivalent utility.
<b><i>Reproduction Cost</i></b>	The cost required to reproduce an exact replica of an existing property.
<b><i>Return on Equity</i></b>	The ratio calculated as (typically annual) earnings on common equity divided by the value of the interest in common equity.
<b><i>Revenue</i></b>	The gross dollars received for the product or service provided. Operating revenue means revenue from the primary operations of the business, for example, electric revenues of an electric utility.
<b><i>Reversion</i></b>	A lump sum monetary benefit from a property that an investor receives or expects to receive at the termination of an investment.

<b><i>Risk</i></b>	Uncertainty about the outcome of future events; uncertainty about the future profitability of investments or projects; the possibility of not receiving the projected income.
<b><i>Single Life Method</i></b>	In the individual, or single life method, the percent good is simply a relationship between the present worth of an income for the probable remaining life expectancy and the present worth of an income for the total life expectancy. The single life method assumes that the best estimate of the future life expectancy of the survivors of a group is the average of the group.
<b><i>Straight-line Depreciation</i></b>	In accounting, of the practice of charging equal annual amounts of book depreciation expense; in appraisal, an assumed equal annual amount of loss in value to the property reflected as an allowance for depreciation in the capitalization rate.
<b><i>Summation Method of Valuation</i></b>	The combining of fractional valuations into one value; for example, the addition of the estimated value of the structure to the estimated value of the land to produce an estimate of the total property value.
<b><i>System</i></b>	An integrated operation constituted by separate units that may be related operating entities themselves or individual property elements, such as machinery, buildings, land, and other property, used in the production of goods and services.
<b><i>Taxable Possessory Interest</i></b>	Taxable possessory interests are possessory interests (as defined in section 107 and Rule 20) in publicly owned real property. Excluded from the meaning of taxable possessory interests, however, are any possessory interests in real property located within an area to which the United States has exclusive jurisdiction concerning taxation. Such areas are commonly referred to as federal enclaves. [Rule 20 (b)]
<b><i>Total Capitalization Rate</i></b>	A capitalization rate that converts the income to be capitalized into a capitalized value. The rate includes the investors' perception of both return on and return of (i.e., capital recapture) of the investment and components for ad valorem property taxes and income taxes.
<b><i>Trending Factor</i></b>	An index number expressed in decimal form that estimates the change in some variable cost, for example, over a time interval. A trending factor is multiplied by historical cost to estimate reproduction or replacement cost new.
<b><i>Uniform System of Accounts</i></b>	A prescribed method of accounting adopted by a state regulatory agency, such as a Public Utilities Commission; or by a federal regulatory agency, such as the Civil Aeronautics Board, the Federal Communications Commission, the Federal Energy Regulatory Commission, or the Interstate Commerce Commission.
<b><i>Unit Method of Valuation</i></b>	The technique of valuing a group of property items as "one thing."
<b><i>Unitary Operations</i></b>	Income-producing activities of public utility essential to the provision of its public utility service. All property owned or used by a public utility and essential to the provision of its public utility service is known as "unitary property."



<b><i>Variable Expenses</i></b>	Expenses of a business that vary with changes in volume of output, such as outlays for fuel in the generation of electric power.
<b><i>Working Cash</i></b>	The amount of cash, or cash balance, required for payment of expenses that are due before the revenue is collected. Necessary for most firms because of the unavoidable timing difference between cash receipts and disbursements.
<b><i>WSATA</i></b>	Western States Association of Tax Administrators. WSATA is an association of tax administrators from twelve western states – Alaska, Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming. Primary goals of the association are to facilitate dialogue among tax administrators, industry representatives, and academicians; and to promote research concerning issues affecting state assessment.
<b><i>Yield Rate</i></b>	In state assessment also known as basic capitalization rate; see basic capitalization rate.

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