

Investment Plan Revisions	Justification for Change	Page Reference in Staff Draft Report posted September 2012	Page Reference in Staff Final Report posted October 2012
<b>Executive Summary and Introduction</b>			
Major re-write of the Executive Summary	The re-write augments the Executive Summary and fully describes the contents of the report.	1, 2	1-5
<b>Chapter 2</b>			
Removed "up to" \$25 million from the NSHP piece of Table 1.	Responds to stakeholder comments requesting certainty on the level of NSHP funding proposed in investment plan.	8	12
Added a new section "Vision for the 2020 Electricity System and Beyond"	Provides additional context for how EPIC Investments will play a substantial role in fulfilling the future vision of the state electricity system.	N/A	18-20
Moved the "Energy Innovation Pipeline" section to the end of Chapter 2.	Moving this section to the end of Chapter 2 sets up the funding initiatives described in the next three chapters.	13	27
Added a new section "Development and Prioritization of Proposed Funding Initiatives."	Describes the framework CEC staff used to develop and prioritize funding initiatives in the Investment Plan.	N/A	21-26
<b>Changes throughout Chapters 3, 4, and 5</b>			
Added a new "Stakeholders" heading section to each initiative that lists the expected stakeholders for that initiative.	This new section allows readers to more readily identify the anticipated stakeholder groups for each initiative.	N/A	Throughout Chapters 3,4, and 5
Added funding allocations at the strategic objective level for Applied Research and Development, Technology Demonstration and Deployment, and Market Facilitation	Provides more detail on planned fund expenditures.	N/A	35, 139, 169
Renumbered and Retitled Proposed Funding Initiatives	Proposed funding initiatives were removed from the investment plan and a couple were added based on input from various sources. The renumbering reflects these changes. In addition, staff changed the titles of select initiatives to provide greater clarity to readers.	N/A	Throughout Chapters 3,4, and 5

Investment Plan Revisions	Justification for Change	Page Reference in Staff Draft Report posted September 2012	Page Reference in Staff Final Report posted October 2012
<b>Chapter 3</b>			
Deleted S1.5 Develop and Demonstrate Prototype Graywater Reuse Technologies and Approaches to Reduce the Need for Fresh Water in Buildings	This initiative will be reconsidered for the next Investment Plan pending completion of a water-energy nexus roadmap to determine water-energy research needs and feasibility.	31	N/A
Removed Initiative S9.3. Develop Novel New Technologies and Strategies to Increase the Energy Efficiency of the Electric Transportation System.	RD&D to improve efficiency of electric transportation system appears adequately covered by others at this point. Staff will reconsider for the next Investment Plan.	99	N/A
Added R&D on wireless EV Charging to S9.1: Investigate Smart and Efficient Charging Technologies and Approaches to Integrate PEVs into the Power Grid.	Wireless EV charging was moved from initiative S9.3 (which was removed from the Investment Plan) to S9.1.	99	119-120
Added a new initiative: S10.3. Conduct Scenario Assessments and Gap Analyses that will be used to Develop or Update Research Roadmaps.	This initiative will provide data and information that will be used by CEC to update existing research roadmaps or develop new research roadmaps. The research roadmaps will identify future R&D funding priorities for EPIC investments.	N/A	129-131
Added a new Strategic Objective S11 and proposed funding initiative, 11.1 for Federal Cost Share for applied research and development.	Cost share for federal awards initiative addresses suggestions from comments received for chapter 3	N/A	131-133
<b>Chapter 4</b>			
Defined "community scale biomass" in S12.1 (now 13.1)	This change responds to stakeholder feedback and written comments	N/A	147
Modified the scope of initiative 12.3 (now 13.3): Demonstrate and Deploy Technologies and Strategies to Improve Integration of Intermittent Renewables.	Added technologies and strategies that improve ramping ability of natural gas plants to support renewables integration.	121	N/A
Added a new Strategic Objective S15 and funding initiative (S15.1) for federal cost share for Technology Demonstration and Deployment	Cost share for federal awards initiative addresses suggestions from comments received for chapter 4	N/A	153-154

Investment Plan Revisions	Justification for Change	Page Reference in Staff Draft Report posted September 2012	Page Reference in Staff Final Report posted October 2012
<b>Chapter 5</b>			
Adds language regarding future pilot demonstrations for interconnection processes to S14.1 (now S16.1).	In initiative S14.1 (now S16.1) the new wording explicitly states that an important outcome of demonstrating LER markets is to identify solutions that improve the interconnection process and lower interconnection costs.	134	168
Adds sentence to S14.2 (now S16.2) to indicate that a preference will be given to applicants that demonstrate innovative strategies for land conservation.	This change clarifies one of the criteria for selection of projects for this initiative.	135 - 137	170
Initiative S14.2 (now S16.2) notes that the Energy Commission will include OPR in the scoring and ranking of grant applications.	The new statement adds that the Energy Commission will include OPR in the scoring and ranking of grant submittals. OPR has expertise and statutory authority to guide local government land use policy, which places OPR in the unique position to help ensure grant funded projects are feasible and beneficial.	136	170
Adds language to Initiative S14.2 (now S16.2) that the Energy Commission will require grant applicants to quantify ratepayer benefits in grant applications and during grant monitoring.	Adds language that Energy Commission grant solicitations will include a requirement that applications describe how the funded project will benefit ratepayers and awardees will report on progress of achieving ratepayer benefits.	136	170
Adds a paragraph to Initiative S14.2 (now S16.2) that EPIC funds will be used to fill voids in local government budgets to meet the basic needs of their communities such as planning and permitting for clean energy technologies.	Expands background statement to clarify the gap in funding that this initiative would address.	137	170
In Initiative S14.4 (now S16.4), deleted a sentence referring to EPIC identifying best environmental management practices for energy projects such as forest biomass harvesting.	The statement is too narrow and the example given is not an ordinance.	139	N/A

<b>Investment Plan Revisions</b>	<b>Justification for Change</b>	<b>Page Reference in Staff Draft Report posted September 2012</b>	<b>Page Reference in Staff Final Report posted October 2012</b>
Adds a sentence to S14.4 (now S16.4) to build on pre-existing efforts.	Sentence notes that the DWEA has begun developing model ordinances for permitting small wind energy systems.	139	175
Adds a paragraph to Initiative S14.6 (now S16.6) that explains the similarities and differences between S14.6 (now S16.6) and S 14.4 and S14.5 (now S 16.4 and S16.5)	This statement is added to describe how the three initiatives differ to address perception of overlap between initiatives.	141 - 143	177
Removed Initiative S15.1 (would have become S17.1) from the Investment Plan and from S 15 (now S17) Ratepayer Benefits Summary Table. Deleted information on pages 144, 145 and the top of 146. Also, renamed S15.2 to S15.1 (now S17.1). This is reflected in the table.	Received stakeholder comments that S15.1 (S17.1) was duplicative of other efforts and a thorough Needs Assessment was conducted in 2011 and is not required again for another 5 years.	143 - 147	N/A
Added a new initiative: S18.6. Conduct Project and Program Evaluation.	In response to stakeholder comment. Adds periodic evaluation of projects, program elements, and procedures.	N/A	192
S16.1 (now S18.1). Narrowed purpose of web portal to remove information on job openings. The focus of the web portal will be to communicate information on EPIC-funded projects and activities.	This incorporates recommendations in stakeholder comments that another listing of job openings is not needed at this time.	149-152	183
<b>Chapter 6</b>			
Language changed to indicate \$25 million to be collected each year for NSHP (not "up to \$25 million"). Clarifies administrative costs, up to 10% (\$2.5 million) each year. Clarifies other available funds (e.g., loan repayments from legislature) will be used first. Clarifies collected funds not allocated to NSHP in a given year are carried over to a future year.	Responds to comments asking for revision of the level of NSHP funding proposed in investment plan.	158-163	194

Investment Plan Revisions	Justification for Change	Page Reference in Staff Draft Report posted September 2012	Page Reference in Staff Final Report posted October 2012
<b>Chapter 7</b>			
Added wording referring readers to the EPIC website	Refers readers to the online repository for EPIC documents	165	199
Added language the CEC is coordinating with ARPA-E	Gives an example of how CEC is leveraging federal funding and not duplicating.	N/A	201
Ten tables added with additional wording to explain how proposals will be reviewed and scored	Gives a detailed overview of how proposals in the three program areas will be evaluated and scored including evaluation criteria and scoring tables.	170	203-220
Added language under Bidder Eligibility section that some solicitations may target public entities and some may target private entities.	Clarifies language to enable targeting private or public institutions for certain solicitations.	N/A	221
<b>Chapter 8</b>			
Included additional wording and a table to Chapter 8: Program Benefits Assessment	The wording explains the initiative benefits tables in each chapter and two example tables are added at the end of the chapter	N/A	232-233
<b>Appendices</b>			
Added stakeholder comments and staff responses	Addresses required Investment Plan elements identified in the CPUC Decision.	N/A	A-1 through C-3
Added a tentative implementation schedule for the Investment Plan	Provides more detail on planned fund expenditures.	N/A	D-1 through D-6
Added a Program Opportunity Notice sample template	Provides details on typical application and scoring criteria	N/A	E-1