**CALIFORNIA ENVIRONMENTAL QUALITY ACT FINDINGS IN CONNECTION WITH THE APPROVAL OF THE CALIFORNIA NATIONAL PRIMATE RESEARCH CENTER, CENTRAL PLANT AND ENERGY IMPROVEMENTS PROJECT, DAVIS CAMPUS**

1. **APPROVAL OF ADDENDUM TO THE UNIVERSITY OF CALIFORNIA DAVIS 2018 LONG RANGE DEVELOPMENT PLAN FINAL ENVIRONMENTAL IMPACT REPORT FOR CALIFORNIA NATIONAL PRIMATE RESEARCH CENTER CENTRAL PLANT AND ENERGY IMPROVEMENTS PROJECT DATED SEPTEMBER 30, 2019**

The Board of Regents of the University of California (“University”), as the lead agency pursuant to the California Environmental Quality Act (“CEQA”), prepared an Addendum (“Addendum September 30, 2019”) to the Final Environmental Impact Report (“EIR”) for the University of California, Davis (“UC Davis”) 2018 Long Range Development Plan (“2018 LRDP”) (State Clearinghouse No. 2017012008) for the California National Primate Research Center (“CNPRC”) Central Plant and Energy Improvements Project (“Project”) to document that no subsequent or supplemental EIR to the 2018 LRDP EIR is necessary to evaluate the environmental impacts of the Project pursuant to CEQA. The 2018 LRDP EIR was certified by the University in July 2018.

The Addendum was completed in September 30, 2019 in compliance with the California Environmental Quality Act, Public Resources Code Sections 21000, et seq. (“CEQA”) and the State CEQA Guidelines, Title 14, California Code of Regulations, Sections 15000 et seq. ("CEQA Guidelines"). Addendum September 30, 2019 evaluated whether any of CEQA’s conditions requiring the preparation of a subsequent or supplemental EIR in connection with the Project were present. The University has examined the Project, in light of the environmental analysis contained in the 2018 LRDP EIR, and has determined that all of the potential environmental effects of the Project are fully evaluated in the 2018 LRDP EIR. The University has not identified any significant new information or change in circumstances related to the Project that would result in new significant impacts or a substantial increase in the severity of environmental impacts identified in the 2018 LRDP EIR. Therefore, the University has determined that no subsequent or supplemental EIR to the 2018 LRDP EIR is necessary to evaluate the environmental impacts of the Project pursuant to CEQA. Addendum September 30, 2019 reflects the independent judgment and analysis of the University and is hereby incorporated as part of the 2018 LRDP EIR and made part of the administrative record before the University for this action.

The University finds and determines that the 2018 LRDP EIR, 2018 LRDP Findings and Statement of Overriding Considerations, Addendum September 30, 2019 for the Project, and the other information in the administrative record provide the basis for approval of the Project and support the Findings set forth in Section II, below.

1. **FINDINGS**

Having received, reviewed, and considered the 2018 LRDP EIR, the 2018 LRDP Findings and Statement of Overriding Considerations, Addendum September 30, 2019, and other information in the administrative record, the University hereby adopts the following Findings for the Project in compliance with CEQA, the CEQA Guidelines, and the University of California Procedures for Implementation of CEQA. The University adopts these Findings in conjunction with its approval of the design of the Project, as set forth in Section III, below.

1. **Project Description**

The UC Davis 2018 LRDP is a land use and growth plan for the main UC Davis Campus. The plan provides a projection for land use changes, increased population, and increased facility and infrastructure to support the teaching, research, and public service mission of the campus. As part of implementing the 2018 LRDP, UC Davis plans to replace the outdated and inefficient district heating and cooling system at the CNPRC, located on UC Davis’ west campus. The Project will construct a new modular building that will house new heating and cooling equipment. Two bays of the modular plant will each be up to 2,400 square feet (sf), and a third bay will be up to 1,200 sf. The Project will include new electric chillers with a cooling tower, and replacement of the existing steam boilers with new electric steam boilers and distribution piping. In addition, solar panels will be installed with a hot water storage tank and associated piping. The solar array will consist of 300 panels, approximately 18,000 sf, located southwest of the modular plant. The objectives of the Project are to lower operating costs, provide additional capacity for near-term growth within CNPRC, and to reduce the carbon footprint of the plant.

1. **Environmental Review Process**

In July 2018, the University certified the 2018 LRDP EIR in accordance with CEQA, the CEQA Guidelines, and the University of California Procedures for Implementation of CEQA, and adopted the 2018 LRDP. The 2018 LRDP EIR is a Program EIR, prepared pursuant to Section 15168 of the CEQA Guidelines (Title 14, California Code of Regulations, Sections 15000 et seq.) and Section 21080.09 of the Public Resources Code. The 2018 LRDP EIR analyzed full implementation of uses and physical development proposed under the 2018 LRDP to accommodate 39,000 students and 14,500 employees, for a total on-campus population of 53,500. The 2018 LRDP is a comprehensive land use plan that describes the scope and nature of campus development, as well as land use principles and objectives to guide the location, scale, and design of individual capital projects. The 2018 LRDP anticipated the need for additional academic space to accommodate projected enrollment increases through the 2030-2031 academic year.

In conjunction with the approval of the 2018 LRDP EIR, the University approved a mitigation monitoring and reporting program. The 2018 LRDP EIR Mitigation Monitoring and Reporting Program (“MMRP”) ensures that mitigation measures that are the responsibility of the University will be implemented in a timely manner. As proposed projects are designed and constructed, they include features necessary to implement relevant LRDP mitigation measures, which will be monitored through the 2018 LRDP EIR MMRP.

Addendum September 30, 2019 was prepared for the CNPRC Central Plant and Energy Improvements Project in accordance with CEQA, the CEQA Guidelines and the University of California Procedures for Implementation of CEQA. Addendum September 30, 2019 evaluated the potential impacts of the Project in relation to the existing environmental analysis in the certified 2018 LRDP EIR. Addendum September 30, 2019 determined that none of CEQA’s conditions in CEQA Guidelines Section 15162 requiring the preparation of a subsequent or supplemental EIR to the UC Davis 2018 LRDP EIR (State Clearinghouse No. 2017012008) in connection with the Project are present. All relevant mitigation measures in the 2018 LRDP EIR, as identified in Addendum September 30, 2019, as well as all components of the Project described in Addendum September 30, 2019 are included in this approval and are being made conditions of the Project.

CEQA and the CEQA Guidelines do not require circulation or public hearings in connection with preparation or adoption of an Addendum. However, the CEQA documentation regarding the Project, including the 2018 LRDP EIR, and Addendum September 30, 2019 for this Project, is available for review at:

* UC Davis Campus Planning and Environmental Stewardship in 436 Mrak Hall on the UC Davis campus, Davis, California
* Online at: https://environmentalplanning.ucdavis.edu/
1. **Relation of the Project to the 2018 LRDP EIR**

The 2018 LRDP EIR conducted environmental impact analysis for all of the proposed growth and activities contemplated in the 2018 LRDP. The project site is within the footprint of the existing CNPRC, which is designated as *Academic & Administrative* by the 2018 LRDP. The Project would provide new campus utilities within the *Academic & Administrative* land use. The 2018 LRDP describes infrastructure land use designations as networked systems that span other land use designations. The Project would be consistent with the 2018 LRDP designation.

The Project will support the academic enterprise, enrich community life, and create a sustainable future by replacing the outdated and inefficient heating and cooling system at the CNPRC. The new heating and cooling equipment and associated solar array would lower operating costs, provide additional capacity for near-term planned growth within the CNPRC, and reduce the carbon footprint of the plant. The Project would support the LRDP objective to plan for longevity through the investment in new infrastructure. The Project would improve the operations of academic facilities on campus and ultimately help to support a successful academic enterprise. Operation of the central plant and associated solar array would be maintained by existing campus staff and the Project would not result in any new students, employees, or additional visitors to campus.

Furthermore, the Project is consistent with UC Davis sustainability and conservation efforts. The new CNPRC Central Plant would reduce greenhouse gas emissions through the implementation of energy efficient infrastructure systems and installation of on-site renewable electricity supplies. The Project is consistent with UC Davis sustainability and conservation efforts.

The Project is within the scope of activities anticipated in the 2018 LRDP and was fully analyzed in the 2018 LRDP EIR (Public Resources Code Sections 21068.5, 21080.09, and 21094 and California Code of Regulations, Title 14, Sections 15081.5(b)(2), 15152, and 15168).

1. **Project-Specific Environmental Impacts**

As described in greater detail below, the analysis in Addendum September 30, 2019 indicates that the Project, with the implementation of relevant certified 2018 LRDP EIR mitigation measures, will not result in any new significant environmental impacts, will not increase the severity of significant impacts previously identified in the 2018 LRDP EIR, and will not cause any environmental effects not previously examined in the 2018 LRDP EIR. There have not been any substantial changes in the Project or in the circumstances under which the Project will be implemented that would require revisions to the existing 2018 LRDP EIR. All significant impacts to which the Project will contribute have been addressed in the 2018 LRDP EIR and the 2018 LRDP Findings and Statement of Overriding Considerations adopted by the University in connection with its approval of the 2018 LRDP.

The 2018 LRDP EIR identified significant and unavoidable adverse impacts associated with implementation of the 2018 LRDP even with implementation of mitigation measures. However, the CNPRC Central Plant and Energy Improvements Project will not contribute to the following impacts:

* Impact 3.1-1: Result in a substantial adverse effect on a scenic vista.
* Impact 3.2-1: Convert agricultural uses, including lands designated as Important Farmlands, to non-agricultural use or involve changes in the existing environment that could result in conversion of Important Farmland to non-agricultural use.
* Impact 3.3-6: Land use compatibility with off-site sources of toxic air contaminants and ultrafine particulates.
* Impact 3.4-4: Impacts to historical resources.
* Impact 3.16-1: Freeway level of service impacts.
* Impact 3.16-2: Intersection level of service impacts.

The Project will contribute to the following impacts and will implement all available mitigation measures to reduce its contribution, as described further below.

* Impact 3.3-1: Construction-generated emissions of oxides of nitrogen (NOX).
* Impact 3.3-2: Operational emissions of criteria air pollutants and precursor emissions.
* Impact 3.5-11: Conflict with local policies or ordinances related to the protection of biological resources.
* Impact 3.13-1: Directly or indirectly induce substantial population growth and housing demand.

Cumulative impacts of the 2018 LRDP to Aesthetics (effects on a scenic vista), Agriculture (conversion of farmland in the region), Air Quality (criteria air pollutant emissions during construction and operation), Historic Resources (alteration of historic structures), Population and Housing (direct population growth), and Transportation (freeways level of service) will also be significant and unavoidable as a result of implementation of the 2018 LRDP.

Addendum September 30, 2019 analyzes the effects of the Project on these significant and unavoidable adverse impacts and concludes that because the Project is within the scope of the 2018 LRDP analyzed in the 2018 LRDP EIR, there will be no change in the conclusions of these analyses. It is hereby determined that these significant unavoidable adverse impacts are acceptable for the reasons specified in Section E, below, and in the Findings and Statement of Overriding Considerations adopted by the University in connection with its certification of the 2018 LRDP EIR. For a detailed description of these impacts, please see appropriate references in the 2018 LRDP EIR and MMRP.

Each of the impacts of the Project are discussed separately below. For a detailed description of the mitigation measures identified below, please see the appropriate text in the 2018 LRDP EIR MMRP, as presented in Section 5 of Addendum September 30, 2019.

* 1. **Resource Areas where the Project will Result in No Impacts: Agriculture and Forestry, Land Use and Planning, and Mineral Resources.**

As discussed in Section 4.5.2, Agricultural and Forestry Resources, of Addendum September 30, 2019, the Project will result in no impacts on agriculture and forest resources because the project site is designated as Urban and Built-Up Land, and no Important Farmland, lands eligible for Williamson Act agreements, forest land, or timber-production lands are located within or adjacent to the project site.

As discussed in Section 4.5.11, Land Use and Planning, of Addendum September 30, 2019, the Project will result in no land use and planning impacts because the Project will not physically divide an established community, does not include any housing, and the Project is consistent with the *Academic & Administrative* designation.

As discussed in Section 4.5.12, Mineral Resources, of Addendum September 30, 2019, the Project will result in no impacts to mineral resources because no significant mineral deposits are present.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not contribute to any impacts regarding agriculture and forestry, land use and planning, and mineral resources. Thus, 2018 LRDP EIR mitigation measures pertaining to the above discussed resource areas will not apply to the Project.

* 1. **Aesthetics**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in significant and unavoidable impacts on scenic vistas due to alteration of the view to the coastal range west of campus. The project site is located in the southeast portion of the existing CNPRC on the west campus. The project site is adjacent to existing facilities to the north and east, and open fields to the west and south. However, views of the project site from surrounding roadways, such as County Road 98, are severely obstructed by existing vegetation. Furthermore, the proposed structure will be a single-story structure, which further reduces the potential for the buildings to obstruct area views. The Project will not obstruct existing views of the Coast Range to the west or any scenic vista. The Project will not contribute to 2018 LRDP EIR Impact 3.1-1, no new or substantially more severe impacts will occur, and no mitigation will be required.

As discussed in Section 3.1.3 of the 2018 LRDP EIR and Section 4.5.1 of Addendum September 30, 2019, there are no designated state scenic highways near the campus or the Project.

Consistent with 2018 LRDP EIR Impact 3.1-2 (less than significant), the Project will modify the existing visual character and quality of the CNPRC by constructing new structures within a vacant field. However, the Project will be located adjacent to existing development and will be partially located on an existing parking lot and within existing buildings. The UC Davis design review process will require consideration of and consistency with adjacent land uses. The Project will be consistent with the *Academic & Administrative* land use and will conserve the existing pattern of academic and research facilities and infrastructure within the existing CNPRC. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in potentially significant impacts due to new sources of light and glare associated with new buildings, facilities, and solar arrays, which will be reduced through Mitigation Measures 3.1-3a and b. The Project will result in minor sources of new interior and exterior lighting, which will be consistent with the existing security lighting. Any necessary exterior safety lighting will be shielded and directed down and/or to the sides, preventing light pollution in the night sky. The proposed solar array will not be located near sensitive receptors (i.e., residences) and will be directed away from offices and animal enclosures. In addition, existing vegetation will reduce any spillover and the solar arrays will not contribute to skyglow. No new or substantially more severe impacts will occur and no additional mitigation will be required.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant aesthetic impacts that were not examined in the 2018 LRDP EIR, that aesthetic impacts associated with implementation of the 2018 LRDP will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Air Quality**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP, including associated mitigation measures, will result in significant and unavoidable impacts to air quality due to construction-generated emissions of NOX. This impact was addressed in the Findings and Statement of Overriding Considerations adopted by the University in connection with its approval of the 2018 LRDP. As discussed in Section 4.5.3 of Addendum September 30, 2019, Project construction will generate temporary air pollutant emissions (reactive organic gases [ROG], NOX, and particulate matter with an aerodynamic diameter of 10 microns or smaller [PM10]). The Project will apply 2018 LRDP EIR Mitigation Measure 3.3-1 to reduce emissions of ROG, NOX, and PM10 by requiring the project contractor to implement emissions reduction measures. No new or substantially more severe impacts will occur and no additional mitigation is necessary to reduce the Project’s contribution to these impacts.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a significant and unavoidable impact due to operational emissions of criteria air pollutants and precursor emissions. Specifically, implementation of Mitigation Measure 3.3-2 would not ensure the reduction of ROG and NOx emissions due to the uncertainty of its effectiveness to reduce mobile-source emissions. This impact was addressed in the Findings and Statement of Overriding Considerations adopted by the University in connection with its approval of the 2018 LRDP. As discussed in Section 4.5.3 of Addendum September 30, 2019, the Project will not result in a population increase and the project area is within the development and land use assumptions evaluated in the 2018 LRDP EIR. Once operational, the Project will not generate mobile-source emissions of criteria air pollutants and precursors as no additional commute trips will occur. Operational emissions of criteria air pollutants and precursors associated with electricity consumption will be substantially reduced through the generation of renewable energy from solar arrays. The Project will not result in any new or substantially more severe impacts, and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will have a less-than-significant impact on mobile-source carbon monoxide emissions because the 2018 LRDP will not result in more than 10,000 vehicles per hour at any affected intersections, even under cumulative-with-project conditions. As discussed in Section 4.5.3 of Addendum September 30, 2019, the Project will not generate mobile-source carbon monoxide emissions as no additional commute trips will occur and the Project will not result in more than 10,000 vehicles per hour at any affected intersections. The Project will not result in any new or substantially more severe impacts, and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a potentially significant impact regarding construction TAC emissions, which will be reduced through Mitigation Measure 3.3-4. As discussed in Section 4.5.3 of Addendum September 30, 2019, given the short duration of construction (approximately eleven months) and distance to the nearest sensitive receptors (over 2,000 feet away), Project construction-related TAC emissions will not expose sensitive receptors to an incremental increase in cancer risk that exceeds 10 in 1 million or a hazard index greater than 1.0. Furthermore, as required by 2018 LRDP EIR Mitigation Measure 3.3-4, UC Davis shall require the Project contractor to locate diesel-powered equipment away from sensitive receptors as possible, reduce equipment idling times, and use equipment with Tier 3 engine ratings or better, and use alternatively-fueled equipment if available to further reduce TAC emissions. Therefore, no new or substantially more severe impacts will occur and no additional mitigation measures will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding operational TAC emissions. As discussed in Section 4.5.3 of Addendum September 30, 2019, the Project’s operational sources of TACs will not expose sensitive receptors to an incremental increase in cancer risk that exceeds 10 in 1 million or a hazard index greater than 1.0. Therefore, no new or substantially more severe impacts will occur and no mitigation measures will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP, including associated mitigation measures, will result in significant and unavoidable impacts regarding land use compatibility with off-site sources of TACs and ultrafine particles. However, as discussed in Section 4.5.3 of Addendum September 30, 2019, the Project will not introduce any new permanent sensitive receptors to the project site, and the project site is located over 2 miles from I-80 (the existing sources of TACs and ultrafine particles). No new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in potentially significant odor impacts due to new permanent odor sources, which will be reduced through Mitigation Measure 3.3-7. However, as discussed in Section 4.5.3 of Addendum September 30, 2019, the Project will result in minimal and temporary odors during the construction period, and in the long-term, the Project will not result in new sources of odors on campus, nor will the Project result in the development of residences near an existing odor source. No new or substantially more severe impacts will occur and no mitigation will be required.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant air quality impacts that were not examined in the 2018 LRDP EIR, that air quality impacts associated with implementation of the 2018 LRDP will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Archeological, Historical, and Tribal Cultural Resources**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP, including associated mitigation measures, will result in significant and unavoidable impacts on historical resources due to renovation of existing buildings. However as discussed in Section 4.5.4 of Addendum September 30, 2019, no buildings or structures on site will be removed and large portions of the site have previously been graded and paved. The discovery of historic architectural resources is not anticipated. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a potentially significant impact to unique archaeological resources, which will be reduced through Mitigation Measures 3.4-1a, b, and c. As discussed in Section 4.5.4 of Addendum September 30, 2019, the project site is outside of the area of archaeological sensitivity. Project construction will involve grading and excavation in previously undisturbed areas, which could contain previously undiscovered cultural resources. However, the Project will apply 2018 LRDP EIR Mitigation Measure 3.4-1a(1), (2), (3), and (5). With implementation of these previously-adopted 2018 LRDP EIR mitigation measures, currently undiscovered archaeological resources will be avoided, recorded, or otherwise treated appropriately, in accordance with pertinent laws and regulations. Therefore, no new or substantially more severe impacts will occur and no additional mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding the potential to disturb human remains due to compliance with California Health and Safety Code Sections 7050.5 and 7052 and California Public Resources Code (PRC) Section 5097. As discussed in Section 4.5.4 of Addendum September 30, 2019, the Project is unlikely to disturb human remains and will be subject to the same regulations that will reduce any potential for disturbance. No new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact to tribal cultural resources due to compliance with PRC Section 21080.3.2 and Section 21084.3 (a). As discussed in Section 4.5.4 of Addendum September 30, 2019, the Project is unlikely to disturb tribal cultural resources and will be subject to the same regulations that will reduce any potential for disturbance. No new or substantially more severe impacts will occur and no mitigation will be required.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant cultural resource impacts that were not examined in the 2018 LRDP EIR, that cultural resource impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Biological Resources**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a potentially significant impact to species identified as a candidate, sensitive, or special status species, which will be reduced through Mitigation Measures 3.5-1a, b, and c; 3.5-2a and b; 3.5-3; 3.5-4a and b; 3.5-5a and b; 3.5-6; 3.5-7; and 3.5-8a and b. As discussed in Section 4.5.5 of Addendum September 30, 2019, the project site does not support habitat for sensitive plants and will have no impact on sensitive plant species. However, there is a potential for Swainson’s hawk, white-tailed kite, and burrowing owl to occur. In addition, landscape trees may provide suitable nesting habitat for common native songbirds that are not special-status species. Therefore, the Project will implement 2018 LRDP EIR Mitigation Measures 3.5-4a (1 through 4), 3.5-5a (1 through 5) and 3.5-6 (1 and 2). No new or substantially more severe impacts will occur and no additional mitigation is necessary to reduce the Project’s contribution to these impacts.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in potentially significant impacts to aquatic features due to removal or damaging of riparian vegetation and the introduction of sediments into Putah Creek, which will be reduced through Mitigation Measures 3.5-9a, b, c, and d. However, as discussed in Section 4.5.5 of Addendum September 30, 2019, the Project footprint does not contain riparian habitat or wetlands. Furthermore, the Project site is over 0.5 mile north of the riparian corridor along Putah Creek. No new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact to nurseries and wildlife corridors because the 2018 LRDP will not result in the direct disturbance or conversion of Putah Creek or its associated riparian habitat (the primary wildlife corridor within the project site) to urban uses. As discussed in Section 4.5.5 of Addendum September 30, 2019, the project site is over 0.5 mile north of the Putah Creek corridor and its associated riparian habitat and will not disturb these areas. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a potentially significant impact regarding removal of heritage or specimen trees, which will be reduced through Mitigation Measure 3.5-11. As discussed in Section 4.5.5 of Addendum September 30, 2019, several small (e.g., less than 12 inches in diameter) valley oak trees are present adjacent to the vacant field within the project site. These trees do not qualify as “heritage” trees due to their small size; thus, the project will not result in removal of any “heritage” trees. However, it is possible that some of the trees planned for removal during project construction could be considered “specimen” trees. Mitigation Measure 3.5-11 (1 and 2) from the 2018 LRDP will be implemented as part of the project to identify “specimen” trees on the project site and to relocate or replace these trees if removal is necessary. Therefore, no new or substantially more severe impacts will occur and no additional mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding conflict with the provisions of an adopted habitat conservation plan. As discussed in Section 4.5.5 of Addendum September 30, 2019, the Project will not conflict with the proposed Yolo Habitat Conservation Plan and Natural Community Conservation Plan. No new or substantially more severe impacts will occur.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant biological resource impacts that were not examined in the 2018 LRDP EIR, that biological resource impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Energy**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding energy. As discussed in Section 4.5.6 of Addendum September 30, 2019, the one-time energy expenditure required to construct the Project will be nonrecoverable. Idling of onsite equipment during construction will be limited to no more than five minutes in accordance with YSAQMD requirements. Further, onsite construction equipment may include alternatively-fueled vehicles where feasible, and the selected construction contractors will use the best available engineering techniques, construction and design practices, and equipment operating procedures. During operation, the proposed cooling and heating upgrades will result in more efficient energy use throughout the CNPRC campus and the project will not generate additional vehicle trips. The proposed Project will comply with the UC Policy on Sustainable Practices by moving toward full electrification of the CNPRC. The Project-related energy use will not be considered inefficient, wasteful, or unnecessary. No new or substantially more severe impacts will occur and no mitigation will be required.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant energy impacts that were not examined in the 2018 LRDP EIR, that energy impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Geology, Soils and Seismicity**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in less-than-significant impacts regarding the exposure of people or structures to geologic hazards such as seismic hazards, unstable soil, or expansive soil. This is because UC Davis is not directly in an Alquist-Priolo Earthquake Fault Zone or Seismic Hazard Zone, depth to groundwater is relatively deep, there no significant slopes in the area, groundwater extractions from the are not expected to increase, and because requirements set forth in the California Building Code for seismic safety and structural design will be followed. As discussed in Section 4.5.7 of Addendum September 30, 2019, the Project is located within the campus and, will not exacerbate seismic hazards. Although the Project will expose a new structure to risks associated with damage from earthquakes, the project will not increase the population exposed to risks associated with damage from earthquakes and the campus minimizes these seismically-induced risks through several measures, including adherence to the California Building Code (CBC), University of California Seismic Safety Policy, and through the development of department-level emergency response plans consistent with the campus Emergency Operations Plan. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a potentially significant impact regarding soil erosion due to new or changed stormwater infrastructure, which will be reduced through Mitigation Measure 3.7-4. As discussed in Section 4.5.7 of Addendum September 30, 2019, consistent with the 2018 LRDP, the Project will comply with California Building Code standards for soil compaction, sediment control during construction, and revegetation following construction. In addition, the UC Davis campus, including the Project, is regulated under the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (Phase II Small MS4 Permit), which require soil erosion control measures. To ensure specific measures for construction site runoff control are enforced, UC Davis has prepared a Design and Construction Management guide, containing campus standards for stormwater pollution prevention and erosion control. As described in 2018 LRDP EIR Impact 3.7-3, the regulatory environment for building construction and stormwater control provides adequate protection against soil erosion during and as a result of construction. No new or substantially more severe impacts will occur and no mitigation is necessary to reduce the Project’s contribution to these impacts.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding septic tanks. As discussed in Section 4.5.6 of Addendum September 30, 2019, no septic tanks or alternative wastewater disposal systems are included in the Project. No new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will not impact paleontological resources. As discussed in Section 4.5.7 of Addendum September 30, 2019, UC Davis campus, including the project site, is within an area with no notable bedrock outcroppings and soils with low likelihood of producing fossils.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant geology or soils impacts that were not examined in the 2018 LRDP EIR, that geology and soils impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Greenhouse Gas Emissions**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding greenhouse gases (GHG). As discussed in Section 4.5.8 of Addendum September 30, 2019, construction and operational GHG emissions will be minor. The project disturbance footprint is small and the construction period is short. Operational GHG emissions will result from electrical boilers and California special natural gas-fired boilers. However, the new cooling and heating equipment will be more energy efficient than those currently in use, and the proposed solar thermal system will increase renewable energy use and will reduce GHG emissions. In addition, the Project will not increase vehicle trips and, as a result, mobile GHG emissions will remain the same as existing conditions. No substantial long-term operational or mobile emissions of GHGs will result from Project implementation. No new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will have no impact regarding conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing GHGs. As discussed in Section 4.5.8 of Addendum September 30, 2019, the Project will not conflict with the statewide GHG reduction targets, UC Sustainable Practices Policy, SACOG’s 2035 MTP/SCS, or any other plan, policy, or regulation adopted for the purpose or reducing the emissions of GHGs. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant GHG impacts that were not examined in the 2018 LRDP EIR, that GHG impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Hazards and Hazardous Materials**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding the routine transport, use, or disposal of hazardous materials. As discussed in Section 4.5.9 of Addendum September 30, 2019, the Project will adhere to existing regulations and compliance with the safety procedures mandated by applicable federal, state, university, and local laws and regulations, which will minimize the risks resulting from the routine transportation, use, storage, or disposal of hazardous materials or hazardous wastes. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding accidental release of hazardous materials along existing transportation corridors. As discussed in Section 4.5.9 of Addendum September 30, 2019 the project site is located over 2 miles from I-80 and the UPRR line and does not include any housing. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a potentially significant impact regarding the accidental release of hazardous materials from a site of known or potential contamination, which will be reduced through Mitigation Measure 3.9-2a, b, and c. Two sites of potential concern were identified within the 2018 LRDP planning area: the UC Davis-USDA Weed Control Lab and the Lab for Energy Related Health Research. However, as discussed in Section 4.5.9 of Addendum September 30, 2019, the Project will not disturb these sites and activities involving the assessment, cleanup, and monitoring of these sites will continue regardless of approval of the Project. Furthermore, the Project will apply 2018 LRDP EIR Mitigation Measure 3.9-2b, which will be a hazardous materials contingency plan to describe the necessary actions that will be taken if evidence of contaminated soil or groundwater is encountered during construction. No new or substantially more severe impacts will occur and no additional mitigation is necessary to reduce the Project’s contribution to these impacts.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding the handling of hazardous materials within 0.25 mile of a school. The Project is located on the west campus and there are no schools within a quarter mile of the project site. Furthermore, as discussed in Section 4.5.9 of Addendum September 30, 2019, the Project will adhere to existing regulations and compliance with the safety procedures mandated by applicable federal, state, university, and local laws and regulations. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding safety hazards due to proximity to airports. As discussed in Section 4.5.9 of Addendum September 30, 2019, although the project site is within the horizontal surface zone of the UC Davis airport, the new central plant building will be a single-story building and will not exceed 80 feet in height. No new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in potentially significant impacts regarding interference with emergency response due to construction within existing roadways, which will be reduced through Mitigation Measure 3.9-6. As discussed in Section 4.5.9 of Addendum September 30, 2019, Project-related construction could result in a temporary traffic slowdown or temporary reduction in the number of lanes available. However, any such impacts will be limited to the construction period (less than one year) and will affect only adjacent streets or intersections. Furthermore, to maintain adequate emergency response during construction, UC Davis shall prepare and implement a site-specific construction traffic management plan per Mitigation Measure 3.9-6 to further mitigate temporary construction impacts. Therefore, no new or substantially more severe impacts will occur and no additional mitigation will be required.

As stated on page 3.9-29 of the 2018 LRDP EIR and Section 4.5.9 of Addendum September 30, 2019, the UC Davis LRDP area is not located in or near a fire hazard severity zone established by CAL FIRE. The potential for wildland fire is low. The Project will not change this and no new or substantially more severe impacts will occur and no mitigation will be required.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant hazards and hazardous materials impacts that were not examined in the 2018 LRDP EIR, that hazards and hazardous materials impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Hydrology and Water Quality**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in less-than-significant construction and operation-related water quality impacts. As discussed in Section 4.5.10 of Addendum September 30, 2019, the Project will implement a Stormwater Pollution Prevention Plan and best management practices (BMPs) during construction; therefore, the Project will not substantially contribute pollutants to stormwater runoff. The 2018 LRDP EIR also determined that the 2018 LRDP will result in new impervious surfaces that could result in new sources of stormwater runoff and contamination, as well as an increased risk of erosion and sedimentation. However, campus development, including the Project, is covered under the Phase II Small MS4 Permit, which requires management of long-term stormwater discharges and implementation of pollution protection measures. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant wastewater impact. The Project will not contribute to an increase in campus wastewater and the wastewater constituents will be the same as existing conditions. No new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant groundwater impacts. As discussed in Section 4.5.10 of Addendum September 30, 2019, the Project will not contribute to water demand because the Project will not increase campus population or campus staff. The Project water demand will be within the limits of the demand projections identified in the 2018 LRDP EIR because the Project is consistent with the LRDP land use designation for the project site. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will in a potentially significant impact due to an overall increase in impervious surfaces and changes to site-specific drainage, stormwater runoff, and infrastructure. The Project will contribute to this impact by adding new impervious surfaces including paved parking areas and roof surfaces. However, Project design will be based on the drainage evaluation completed for the stormwater management system prior to Project implementation (2018 LRDP EIR Mitigation Measure 3.7-4). Therefore, no new or substantially more severe impacts will occur and no additional mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP may involve the construction of additional academic and administrative facilities within the far western portion of west campus. Should that occur, and in the event of a 100-year flood, there will be increased exposure to the risk of loss and flood damage. The 2018 LRDP EIR determined that implementation of Mitigation Measure 3.10-7 will reduce impacts related to flood to less-than-significant levels. As discussed in Section 4.5.10 of Addendum September 30, 2019, the project site is located within a 100-year flood hazard area. However, the Project will not construct new housing and construction of the new modular central plant building will be designed to be elevated above the base flood elevation predicted under a 100-year flood event, in compliance with Mitigation Measure 3.10-7. Therefore, no new or substantially more severe impacts will occur and no additional mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding inundation. As discussed in Section 4.5.10 of Addendum September 30, 2019, UC Davis is not subject to inundation by seiche, tsunami, or mudflow; and the risk of inundation of any portion of the campus from a failure of the Monticello Dam is low. The Project will not change the risk of flooding nor build new housing within an area subject to flooding. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant hydrology and water quality impacts that were not examined in the 2018 LRDP EIR, that hydrology and water quality impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Noise**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in potentially significant construction noise impacts, which will be reduced through Mitigation Measure 3.12-1. As discussed in Section 4.5.13 of Addendum September 30, 2019, the Project will result in temporary construction noise generated by construction equipment and haul trucks. The Project will apply 2018 LRDP EIR Mitigation Measure 3.12-1. No new or substantially more severe impacts will occur and no additional mitigation is necessary to reduce the Project’s contribution to these impacts.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in potentially significant operational noise impacts due to new stationary noise sources. As discussed in Section 4.5.13 of Addendum September 30, 2019, the Project noise sources include mechanical equipment, such as chillers, boilers, and heat pumps. However, these sources will be similar to existing conditions, will primarily be located indoors or within an enclosured area, and will not result in a substantial permanent increase in ambient noise levels. In addition, the Project will not generate additional vehicle trips or mobile noise sources. Furthermore, there are no sensitive receptors in the vicinity of the project site and the project will not introduce any new sensitive receptors to the area. No new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in potentially significant vibration impacts because future planned development could locate new sensitive land uses in close proximity to existing rail lines. This impact will be reduced through Mitigation Measure 3.12-3. However, as discussed in Section 4.5.13 of Addendum September 30, 2019, the project site is not within 750 feet of existing rail lines and will not involve construction of housing. No new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding airport noise. As discussed in Section 4.5.13 of Addendum September 30, 2019, the Project will not place any student housing within the 55 A-weighted decibel community noise equivalent level contour of the University Airport and will not change airport operations such that increased airport noise would result. No private airstrips are within the immediate vicinity of the campus. No new or substantially more severe impacts will occur and no mitigation will be required.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant noise impacts that were not examined in the 2018 LRDP EIR, that noise impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Population and Housing**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in significant and unavoidable impacts on population growth and housing demand because the 2018 LRDP will accommodate an increase in student enrollment, non-UC employees, and UC Davis faculty/staff. As discussed in Section 4.5.14 of Addendum September 30, 2019, the Project will not directly increase population; however, it will provide additional capacity for near-term planned growth within the CNPRC. This increase in growth capacity will support the projections identified in the 2018 LRDP EIR; the Project is consistent with the 2018 LRDP land use designation for the project site and development increase for the campus. Therefore, no new or substantially more severe impacts will occur.

As discussed in Section 4.5.14 of Addendum September 30, 2019, no housing units exist on the project site. The Project will not displace any existing housing units or people.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant population and housing impacts that were not examined in the 2018 LRDP EIR, that population and housing impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Public Services**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding demand for fire, police, school, and other public facilities. As discussed in Section 4.5.15 of Addendum September 30, 2019, the Project will not directly increase campus population and is consistent with the 2018 LRDP land use designation for the project site. The project will not result in an increase in demand for public service beyond what was analyzed in the 2018 LRDP EIR. Therefore, no new or substantially more severe impacts will occur, and no mitigation will be required.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant public services impacts that were not examined in the 2018 LRDP EIR, that public services impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Recreation**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding demand for recreational facilities. As discussed in Section 4.5.16 of Addendum September 30, 2019, the Project will not result in an increase in population but will provide additional capacity for planned growth. This increase in capacity and growth at the CNPRC was identified in the 2018 LRDP EIR and the Project is consistent with the 2018 LRDP land use designation for the project site. Therefore, no new or substantially more severe impacts will occur, and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding construction or expansion of recreational facilities. As discussed in Section 4.5.16 of Addendum September 30, 2019, the Project does not include or require the construction of recreational facilities.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant recreation impacts that were not examined in the 2018 LRDP EIR, that recreation impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exists.

* 1. **Transportation and Traffic**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in potentially significant impacts related to conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system, and applicable congestion management program. These impacts will be reduced through Mitigation Measure 3.16-2a-e. However, as discussed in Section 4.5.17 of Addendum September 30, 2019, no major traffic impacts are anticipated during Project construction. The Project will not result in an increase in peak hour commute traffic and will only generate minimal commute trips for maintenance and site inspection. Project-generated vehicle trips will be similar to existing conditions and will be within the projections identified in the 2018 LRDP EIR because the Project is consistent with the 2018 LRDP land use designation for the project site. No new or substantially more severe impacts will occur and no mitigation will be required.

As discussed in Section 4.5.17 of Addendum September 30, 2019, the University Airport is the closest airport and the Project will have no effect on the number of flights or operation of the airport.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in potentially significant impacts regarding collisions between various modes of transportation on campus due to increased trips and competition for physical space. This impact will be reduced through Mitigation Measures 3.16-3, 3.16-4, and 3.16-5. However, as discussed in Section 4.5.17 of Addendum September 30, 2019, the Project will not change the roadway system, nor will it result in any new design features or other incompatible uses that could increase roadway hazards. No new or substantially more severe impacts will occur and no additional mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in potentially significant impacts regarding emergency response. This impact will be reduced through Mitigation Measure 3.9-6. As discussed in Section 4.5.17 of Addendum September 30, 2019, construction of the Project will not any require road closures, construction staging will occur on site, and the Project will not substantially change on-site or off-site vehicular access in the area. The Project will not result in permanent modification of any roads or otherwise affect emergency response times and will maintain adequate emergency access. Therefore, no new or substantially more severe impacts will occur and no new mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will not conflict with any adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities. The Project will not permanently change any roadway, bike, or pedestrian systems. The Project will not conflict with any with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant traffic and transportation impacts that were not examined in the 2018 LRDP EIR, that traffic and transportation impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exist.

* 1. **Utilities and Service Systems**

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding wastewater or water treatment. As discussed in Section 4.5.18 of Addendum September 30, 2019, the Project will not increase campus population nor increase wastewater generation. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a potentially significant impact regarding construction of stormwater infrastructure, which will be reduced through Mitigation Measure 3.10-6 (Implement Mitigation Measure 3.7-4). As discussed in Section 4.5.18 of Addendum September 30, 2019, the Project will replace an existing surface parking lot with a new modular building, and undeveloped fields with solar arrays and replacement parking thereby resulting in some additional impervious surfaces. However, Project design will be based on the drainage evaluation completed for the stormwater management system prior to Project implementation, in compliance with 2018 LRDP EIR Mitigation Measure 3.7-4). No new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact to water supplies. As discussed in Section 4.5.18 of Addendum September 30, 2019, the Project will provide heating hot water systems and chilling systems; however, the Project will not increase campus population nor increase water demand. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding solid waste. As discussed in Section 4.5.18 of Addendum September 30, 2019, demolition of existing heating and cooling systems will generate some additional solid waste. This increase will be minor and construction materials will be recycled when available. Operation of the Project will not increase campus population nor generate an increase in solid waste above existing conditions. Therefore, no new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding expansion of electrical, natural gas, chilled water, or steam facilities. As discussed in Section 4.5.18 of Addendum September 30, 2019, the Project will replace exiting CNPRC heating and cooling systems and will reduce operational costs and increase capacity for planned near-term growth within the CNPRC. The effects of which are analyzed throughout the 2018 LRDP EIR and the Addendum September 30, 2019. No further new electrical, natural gas, chilled water, or steam utilities nor utility relocations will be required for the Project. No new or substantially more severe impacts will occur and no mitigation will be required.

The 2018 LRDP EIR determined that implementation of the 2018 LRDP will result in a less-than-significant impact regarding telecommunications facilities. As discussed in Section 4.5.18 of Addendum September 30, 2019, the Project will be served by existing telecommunication facilities. No new or substantially more severe impacts will occur and no mitigation will be required.

Based on the analysis in the 2018 LRDP EIR and Addendum September 30, 2019, incorporated herein by reference, the University finds that the Project will not result in any new, significant utilities and service systems impacts that were not examined in the 2018 LRDP EIR, that utilities and service systems impacts associated with implementation of the 2018 LRDP EIR will remain as identified in the 2018 LRDP EIR, that the standards for preparation of an addendum under CEQA are met for the Project, and that none of the circumstances that would require preparation of a subsequent or supplemental EIR under CEQA exist.

1. **Additional Findings**
	1. **Adequacy of Prior Environmental Reviews**

All of the environmental effects of the Project have been adequately addressed in the prior environmental impact report (2018 LRDP EIR), as reflected in the Findings and Statement of Overriding Considerations adopted by the University on July 18, 2018, in that those impacts: (1) have been mitigated or avoided, (2) have been examined at a sufficient level of detail to enable those effects to be mitigated or avoided by site specific revisions, the imposition of conditions, or by other means in connection with the approval of the 2018 LRDP, or (3) cannot be mitigated to avoid or substantially lessen the significant impacts despite the University’s willingness to accept all feasible mitigation measures, and the only purpose of including analysis of such effects in another environmental impact report would be to put the agency in a position to adopt a statement of overriding considerations with respect to the effects.

The Project is in every way consistent with the original intent and goals of the 2018 LRDP. These Findings summarize, rely upon, and incorporate the 2018 LRDP Findings to address cumulative impacts, consistent with Guidelines Section 15130(d).

The Project is within the scope of the 2018 LRDP analyzed by the 2018 LRDP EIR. No new significant environmental impacts have been identified in connection with the Project that were not considered in the 2018 LRDP EIR. As a result, no new effects are anticipated to occur and no new mitigation measures will be required other than as addressed in the 2018 LRDP EIR. The Project does not provide an opportunity to eliminate or substantially reduce any of the significant and unavoidable adverse impacts of implementing the 2018 LRDP, identified in the 2018 LRDP EIR. The potential effects of the Project (including the Project’s contribution to significant/mitigated, and significant/unavoidable, impacts) have been fully addressed by the 2018 LRDP EIR and the 2018 LRDP Findings and Statement of Overriding Considerations. In accordance with Section 15168(c) of the CEQA Guidelines, the University hereby finds that none of the circumstances described in Section 15162(a) of the CEQA Guidelines is present, and no further environmental review or documentation is required for the Project.

* 1. **Criteria for an Addendum**

Addendum September 30, 2019 concludes that none of the conditions or circumstances that would require preparation of a subsequent or supplemental EIR pursuant to Public Resources Code Section 21166 exist in connection with the Project. No substantial changes have been proposed to the Project described in the 2018 LRDP EIR that require major revisions to the 2018 LRDP EIR. The 2018 LRDP is a comprehensive land use plan that describes the scope and nature of campus development, as well as land use principles and objectives to guide the location, scale, and design of individual capital projects. The 2018 LRDP EIR conducted environmental impact analysis for all of the proposed growth and activities contemplated in the 2018 LRDP. The project site is located within the west campus, within the area designated as *Academic & Administrative* under the 2018 LRDP. The Project would provide a new central heating and cooling plant and associated infrastructure improvements, consistent with the 2018 LRDP designation. The Project will not increase the campus student or employee population; and, will not exceed the total campus population contemplated in the 2018 LRDP. Furthermore, the Project will support the academic enterprise, enrich community life, and create a sustainable future by providing energy efficient cooling and heating equipment and infrastructure improvements. Furthermore, the Project is consistent with UC Davis sustainability and conservation efforts.

Addendum September 30, 2019 also concludes that no new information of substantial importance, which was not known and could not have been known at the time that the 2018 LRDP EIR was certified as complete, that the Project will not cause new environmental impacts or substantially worsen environmental impacts discussed in the 2018 LRDP EIR, that mitigation measures or alternatives found infeasible in the 2018 LRDP EIR would in fact be feasible, or that different mitigation measures or alternatives from those analyzed in the 2018 LRDP EIR would substantially reduce one or more significant environmental impacts found in the 2018 LRDP EIR.

For the reasons described above, the Regents hereby find that preparation of Addendum September 30, 2019 to the 2018 LRDP EIR, making minor technical changes and additions to the 2018 LRDP EIR to analyze the Project-specific environmental effects of the Project, is appropriate under CEQA.

* 1. **Incorporation by Reference**

These Findings incorporate by reference in their entirety the text of Addendum September 30, 2019 for the project; the 2018 LRDP; the 2018 LRDP EIR; the 2018 LRDP Mitigation Monitoring Program; and the Findings and Statement of Overriding Considerations adopted by the University in connection with its approval of the 2018 LRDP. Without limitation, this incorporation is intended to elaborate on the scope and nature of the Project, potential environmental impacts that could result from the Project, related mitigation measures, and the basis for determining the significance of the Project’s impacts.

* 1. **Mitigation Monitoring and Reporting Program**

CEQA requires the Lead Agency approving a project to adopt a monitoring program for changes to the project that it adopts or makes a condition of project approval, including mitigation measures intended to eliminate or reduce potentially significant impacts of the project, to ensure compliance during project implementation. No new mitigation measures are required as part of the Project, which incorporates relevant and previously adopted 2018 LRDP EIR mitigation measures and/or continuing best practices that will be monitored pursuant to the existing 2018 LRDP EIR Mitigation Monitoring and Reporting Program (MMRP) previously adopted by the University in connection with its approvals of the 2018 LRDP, as amended.

* 1. **Record of Proceedings**

Various documents and other materials constitute the record of proceedings upon which the University bases its findings and decisions contained herein. Most documents related to this project and the 2018 LRDP are available at the office of Campus Planning and Environmental Stewardship, 436 Mrak Hall, Davis, California 95616. The custodian for these documents is Campus Planning and Environmental Stewardship.

1. **Summary**

Based on the foregoing Findings and the information contained in the record, it is hereby determined that:

1. The Project will incrementally contribute to, but will not increase the severity of, significant environmental impacts previously identified in the 2018 LRDP EIR.
2. All 2018 LRDP EIR mitigation measures relevant to the Project, as identified in Addendum September 30, 2019, as well as all components of the Project described in Addendum September 30, 2019, are made a condition of the Project’s approval.
3. All potentially significant effects on the environment due to the Project have been eliminated or substantially lessened where feasible through 2018 LRDP EIR mitigation measures adopted in connection with the Regents’ approval of the 2018 LRDP.
4. The Project will not result in environmental effects that were not adequately examined in the 2018 LRDP EIR.
5. All remaining significant effects on the environment found to be unavoidable are acceptable due to the reasons set forth in the 2018 LRDP Findings and Statement of Overriding Considerations adopted by the University in connection with its approval of the 2018 LRDP, as referenced and readopted herein.
6. **APPROVAL**

The University hereby takes the following actions:

1. The University approves and makes a condition of the Project all elements of the Project and relevant 2018 LRDP EIR mitigation measures as identified in Addendum September 30, 2019.
2. Having considered both the 2018 LRDP EIR for the Davis campus and the Addendum September 30, 2019, the University Adopts the Findings in their entirety as set forth in Section IV, above.
3. Having independently reviewed and analyzed Addendum September 30, 2019, conditioned the Project as described above, and adopted the Findings, the University approves the design of the CNPRC Central Plant and Energy Improvements Project.

**Exhibit 1:** UC Davis 2018 LRDP EIR CEQA Findings and Statement of Overriding Considerations.

**Exhibit 1:**

**UC Davis 2018 LRDP EIR CEQA Findings and
Statement of Overriding Considerations**