EXHIBIT 15

ATTACHMENT 3, Template for Proposed Objectives, Research Questions and Reporting Metrics

Primary Desired Outcomes / Objectives	**Questions**	**Reporting Metrics (Added metrics are in bold, this is a preliminary list and would change with input from the Pilot Project Working Group**
1. Ensure Equitable Access to Affordable Energy Options to Communities and Households	1. How many energy options were provided to each host community? 2. What options appealed most to households? 3. What are participation rates and for what reasons did customers choose not to participate? 4. What were participation rates in eligible households (separated by owner-occupied versus rental homes)? 5. What was customer satisfaction with their pilot experience (owner-occupied vs tenants)? 6. Etc. (please modify and/or provide additional questions)	1. Number of options provided and short description 2. Number and percent of households choosing each option **3. Pre / Post participant household survey - overall pilot satisfaction** **a. Overall satisfaction with pilot** **b. Satisfaction with energy bills (annual /seasonal)** **c. Satisfaction with appliances** **d. Satisfaction of Household conversion** **e. Owner or Tenant** **f. HDD, CDD's during pilot** **g. Climate Zone**
2. Reduce Energy Burden of Participating Households	7. How have participants' monthly energy bills changed? 8. How have participants' energy burden changed? 9. Total estimated cost savings to participating households 10. Number and percent of households with greater access to affordable energy 11. How did residents' choice of rates and tariffs impact their cost savings? 12. What is the proper way to evaluate "Household Energy Costs" (as opposed to the limited perspective of "electric bills" or "natural gas bills")? 13. What is the appropriate way to assess reductions in "Energy Burden?" 14. What are customers' needs around affordability (total cost), predictability, stability, and bill controllability? 15. How do they balance or prioritize these issues?	4. Pre-pilot energy bills (costs) / post pilot energy bills (costs) 5. Pre / post energy costs percentage of household income (energy burden) **6. Pre / Post participant household survey** **a. Pre-pilot energy sources** **b. Actual pre-pilot energy costs** **c. Perceived pre-pilot energy costs** **d. Actual post-pilot energy costs & usage** **e. Perceived post-pilot energy costs.** **7. Percentage of energy bills to annual household Income** **8. Top 3 monthly expenses** **9. Number of late energy bill payments** **10. Percent of households on level pay plan** **11. Amount of level pay plan** **12. HDD, CDD's during pilot** **13. Climate Zone**

3. Provide Non-Energy Benefits—General	16. How do health, comfort and safety change with the adoption of these new technologies? 17. What are the best metrics to reflect changes in health, comfort, and safety?	**14. Pre / Post participant household survey** **a. Perceived issues with health, comfort and safety** **b. Actual issues with health, safety or comfort** **c. Perceived benefit from reliability of natural gas versus propane tanks.** **d. Perceived change in community growth or investment opportunities** **e. Impact on household financial management and saving** **15. CalEnviroScreen census tract (Exposure, Environmental, Sensitive Population factors)[1]**
4. Provide Non-Energy Benefits—Safety	18. What safety concerns were discovered and addressed? 19. What safety concerns were discovered and remain?	**16. Pre / Post participant household survey** **a. Perceived issues with health, comfort and safety** **b. Actual issues with health, comfort and safety** **17. Pilot construction report on number of household barriers, their types and their status**
5. Provide Non-Energy Benefits—Health	20. What in-home air quality improvements may have occurred (replacement of faulty circuits and/or combustion appliances)?	**18. Pre / Post participant household survey** **a. Perceived issues with health, comfort and safety** **b. Actual issues with health, comfort and safety** **19. Pilot construction report on number of household barriers, their types and their status**
6. Provide Non-Energy Benefits—Environment	21. What reductions in GHGs were achieved? 22. To what extent did pilots impact local ambient air quality (indoor and outdoor)? 23. What reductions in criteria pollutants (including particulates) were achieved?	**20. Pre-pilot energy usage / post pilot energy usage, converted to GHGs and criteria pollutants** **21. Pre / Post participant household survey**

[1] https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-30, UPDATE TO THE CALIFORNIA COMMUNITIES ENVIRONMENTAL HEALTH SCREENING TOOL, Pg. 16.

		a. Perceived issues with health, comfort and safety **b. Actual issues with health, comfort and safety** **22. CalEnviroScreen census tract (Exposure, Environmental, Sensitive Population factors)**
7. Provide Non-Energy Benefits—Local Hire and / or Workforce Development	24. What percent/number of local hires occurred? 25. What type of workforce opportunities did residents request? 26. What were successes/limitations of workforce development practices? What are best practices for workforce development? 27. What were successes/limitations of local hire practices? What are best practices for local hire development?	**23. Household Construction report** **a. Count local hire** **b. Job type local available** **c. Workforce success and limitations**
8. Provide Non-Energy Benefits—Reliability	28. What was the frequency of electricity outages prior to and during/after the pilots?	**24. Not applicable for natural gas pilots**
9. Appropriately Minimize Rate and Bill Impacts for Non-Participating Customers	29. What was the cost to ratepayers and total costs to implement pilots? 30. What was the cost to participating customers? 31. What is the minimum project size to achieve economies of scale and thus to reduce costs? 32. What level of cost reductions were achieved in this way?	**25. Household Construction report on actual costs** **a. Costs reduced due to volume** **26. Final accounting of accounts for ratepayer recovery**
10. Identify Effective Engagement Strategies and Appropriate Flow of Benefits to landlords and tenants	33. What proportion of landlords agreed to participate in the pilots, and what factors influenced this? 34. What strategies were most/least successful in securing landlord participation? 35. Did the benefits of newly-installed equipment flow to tenants, or were the cost savings offset by rent increases (absent any other improvements to the dwelling structural conditions)? 36. What changes in rent occurred over time (starting from a pre-pilot baseline and annual data for duration of pilots)? 37. What turnover in tenants occurred and was this associated with the energy upgrades? What other changes to the dwelling occurred that may account for rent increases?	**27. Household Construction report on new customer participation** **a. Count by homeowner or landlord** **b. Report on relationship of participation and incentive for landlords and tenants** **28. Pre / Post participant household survey** **a. Actual pre-pilot energy costs** **b. Perceived pre-pilot energy costs** **c. Actual post-pilot energy costs & usage** **d. Perceived post-pilot energy costs.** **e. Changes to tenant agreement**

11. Minimize Residual wood and propane use	38. What was the baseline use of propane/wood combustion? 39. What was the residual use of propane/wood combustion? 40. What percentage of households retained propane or wood-burning equipment? 41. What percentage of households report using these residual energy sources monthly or more after pilot? 42. What is estimated spending on residual program and wood- per participating household?	**29. Pre / Post participant household survey** **a. Pre-pilot energy sources** **b. Actual pre-pilot energy costs** **c. Perceived pre-pilot energy costs** **d. Actual post-pilot energy costs & usage** **e. Perceived post-pilot energy costs**
12. Provide participating households with a variety of electrification options and explore reasons for customer preferences	43. How are customers' bill savings affected by the intensity of the home retrofit? 44. How do bill savings compare to overall program cost across different treatment options? 45. Are customers differentially interested in the different packages? (Would the program scale?) 46. What portion of the community will adopt new technologies? Will this change over time? 47. What are the trends in customers' interests? (i.e., Are community members interested in different interventions based on their town, housing type, or whether they rent or own?) 48. How do customers respond to different incentives to electrify, such as an in community solar option, an out-of community solar option, electric bill discounts, etc.? 49. What impact do vary levels of electric rate subsidies have on customer participation rates?	**30. Not Applicable for natural gas pilot**
13. Identify barriers to customer participation and options to mitigate these	50. What are the main barriers to customer participation in pilot improvements (language, immigration status, structural condition of home, etc.)? 51. What aspects of the process are most challenging for customers (is there a step where a significant portion of customers drop out)? 52. What aspects are most challenging for pilot implementers and/or participating contractors?	**31. Pilot construction report on number of household barriers, their types and their status** **32. Pre / Post participant household survey - overall pilot satisfaction** **a. Overall satisfaction with pilot** **b. Satisfaction with energy bills (annual /seasonal)** **c. Satisfaction with appliances** **d. Satisfaction of Household conversion** **e. Owner or Tenant** **33. Household Construction report on new customer participation**
14. Identify best practices to provide below code and /or structurally - unsound homes	53. What is the most successful approach to reduce energy burden in homes with many code violations?	**34. Pre-pilot energy bills (costs) / post pilot energy bills (costs)** **35. Pilot construction report on number of household barriers, their types and their status**

with affordable energy options		**36. Pre / Post participant household survey – energy usage and costs**
15. Improve understanding of the impact of electric rate structures on energy burden and affordability	54. How do electrification rates impact customer bills? 55. Were bill protections necessary to keep bills affordable to participants?	**37. Not applicable for natural gas pilots**
16. Advance technical understanding of challenges of scaling options to all SJV DACs	56. What are the challenges / benefits of these activities: upgrading wiring and service panels; installing various electric appliances; controlling these appliances? 57. What are the drivers for electrification and deploying these at scale? 58. What are the barriers to deployment? 59. What are effective strategies to interest customers in adopting the technologies and/or behaviors necessary to support such services?	**38. For a natural gas pilot, this would be the pilot construction report on number of household barriers, their types and their status**
17. Identify effective community outreach approaches (for replicability across SJV DACs)	60. What are the best communication techniques to cultivate community participation and interest? 61. What portion of the community is it reasonable to expect to reach? 62. Are "town hall" meetings effective ways to share information about new technologies? 63. Are neighbors good ambassadors for new technologies (e.g., if there are customers who already have an electric stove, can they share their experiences with their neighbors to help answer questions and increase uptake / utilization?)	**39. Pre / Post participant household survey - overall pilot satisfaction** **a. Preferred communication method** **b. Overall satisfaction with pilot** **40. Number of attendees to community forums** **41. Post forum comment cards** **42. Number of email addresses** **43. Open and click-through rates for emails** **44. Mail address and returned letter count** **45. Net Promoter Score for natural gas appliances**
18. Improve understanding of SJV DAC household energy behaviors	64. How much do customers use the various appliances? 65. Are they satisfied with the appliances? 66. How has their behavior and usage of each appliance changed, when compared to using propane-fueled or alternate fuel assets? 67. For pilots involving behavioral components (HPHW, HPSH), were customers able to understand and participate in grid-enabled hot water storage? (etc.)	**46. Pre / Post participant household survey** **a. Pre-pilot energy sources** **b. Actual pre-pilot energy costs** **c. Perceived pre-pilot energy costs** **d. Actual post-pilot energy costs & usage** **e. Perceived post-pilot energy costs** **47. Pre / Post participant household survey - overall pilot satisfaction** **48. Net Promoter Score for natural gas appliances**

19. Identify general learnings	68. What can be learned from the pilots to inform a future framework to guide and incentivize a transition from unregulated to fuels to electricity, including principles for when substitution is appropriate and how costs should be allocated and recovered. 69. Where there any positive or negative unintended consequences from the pilots? 70. What is the most efficient way to leverage use of non-IOU funds (Low-Income Home Energy Assistance Program [LIHEAP], California Air Resources Board [CARB] programs, etc.) across multiple communities and households?	**49. Pre / Post participant household survey - overall pilot satisfaction** **50. These questions are an overall analysis of the pilots and would be the result of analyzing the metric above along with open ended questions to pilot participants**