**Portfolio Measure Composition and Intervention Strategies**

 11. The IOUs’ joint response to Question 10 of TURN’s Nov. 9, 2016 Data Request in

 R.13-11-005 (addressing the draft business plans of all four IOU PAs) included

 SDG&E’s top 10 measure groupings expected to drive portfolio savings in 2016 and

 2017, with that ranking determined by percentage of portfolio GWh, MW, and/or

 therm savings provided by each measure grouping (gross and net).

 a. Please confirm that SDG&E’s top 10 measure groupings for 2016-2017 are

 expected to provide less than 13% of gross kWh savings and 10% of gross KW

 savings, as reflected in the Nov. 2016 response. If so, please expand SDG&E’s

 response to provide additional measure groupings, ranked by contribution to gross

 and net kWh and KW, until those measure groupings in aggregate provide at least

 50% of the savings in SDG&E’s 2016-2017 portfolio.

 b. Please update your Nov. 2016 response to include the top 10 measure groupings,

 on a gross and net basis, underlying SDG&E’s forecast of savings and portfolio

 cost-effectiveness for 2018, as reflected in Appendix B to its Business Plan. In

 preparing your response, please consider “behavior” or “behavior programs” as a

 measure category. If the top 10 ten measure groupings underlying your forecast

 for 2018 do not in aggregate provide at least 50% of the savings in your portfolio,

 please provide additional measure groupings, ranked by contribution to gross and

 net kWh and KW, until those measure groupings in aggregate provide at least

 50% of the savings in your portfolio as modeled for your Business Plan.

 c. For each of the top 10 (or more) measure groups underlying your 2018 savings

 forecast, as identified in your response to part (b) above, please specify the

 percentage of savings assumed in your cost-effectiveness calculations to come

 from each of the following intervention/delivery strategies:

 upstream/manufacturer, midstream/distribution, midstream/retail, downstream

 direct install, other downstream, and custom. If your forecast of costeffectiveness

 does not reflect any assumptions regarding intervention/delivery

 strategies, please explain the basis for your “implementation” and “incentives”

 cost projections in Figure B.2 in Appendix B.

 d. For each of the top 10 (or more) measure groups underlying your 2018 savings

 forecast, as identified in your response to part (b) above, please specify whether

 your savings and cost-effectiveness projections reflect the assumption that the key

 measure grouping will be targeted in whole or in part through early retirement

 interventions. If your forecast of cost-effectiveness does not reflect any

 assumptions regarding early retirement vs. replace-on-burnout interventions,

 please explain the basis for your “implementation” and “incentives” cost

 projections in Figure B.2 in Appendix B.

**SDG&E Response**:

**11a.**

The enclosed file provides a revised table reflecting the top 10 measures groupings for 2016 and 2017.



**11b.**

The enclosed file provides the top 10 measure groupings for 2018.



**11c.**

The enclosed file provides the top 10 measures groupings percentage contribution to their intervention strategies.



**11d.**

 2.4% of the total Gross kwh savings comes from early retirement (ER).  These ER saves only come from Interior lighting direct installation