

2022 Rate Period Implementation Manual Lighting Changes

Summary

BPA plans to make significant changes to the Residential lighting portfolio offers in the April 2022 rate period Implementation Manual. The continued transformation of the residential lighting market has decreased incremental costs and savings compared to the current practice. BPA is aligning with the market and adjusting its portfolio accordingly.

The changes include:

- Eliminating the retail delivery channel
- Eliminating the mailed non-request delivery channel.
- Offering only one type of general purpose lamp for the by-request delivery channel.
- Maintaining the direct-install delivery channel for lamps.
- Eliminating the direct-install delivery channel for fixtures.

Retail

The following points factored into BPA's decision to no longer offer residential lighting programs via the Retail channel:

- The decrease in lighting savings at the beginning of the current rate period led to the end of the Simple Steps retail program.
- Washington state adopted a 45 lumen-per-watt lighting standard, which essentially means only LEDs are available to purchase for all but a few types of specialty lamps.
- The two most popular lamps — general purpose and reflectors 250-1049 lumens — accounted for 85% of retail-program savings now have very little savings or no incremental costs at retail locations outside of Washington. The small amount of savings potential from the remaining lamps that could be incentivized at retail make the reality of the program untenable.

Mailed Non-Request

The Regional Technical Forum did not approve residential lighting measures for the mailed non-request delivery mechanism. As a result, BPA plans to eliminate mailed non-request measures.

By Request

BPA proposes to offer only one by-request lamp type, general purpose (1050 – 1489 Lumens). These lamps account for 84% of the by-request lamps reported to BPA from 2018-2021.

Direct Install

The direct-install channel will have the most robust cost-effective measure portfolio. The baseline for these measures is the existing condition, which is assumed to be incandescent light bulbs. The entire current portfolio of lamps will continue to be offered for direct install; However, fixtures will not be offered.

