

BLACK HILLS POWER, INC.
d/b/a BLACK HILLS ENERGY
EL17-026

REQUEST DATE : 06/29/17

RESPONSE DATE : 07/18/17

REQUESTING PARTY: Staff

SDPUC Request No. 1.10:

For customers with electric heating, could BHP incentivize a program for a replacement geothermal system and have a resulting cost effective measure?

Response to SDPUC Request No. 1.10:

The current calculations utilize a standard air source heat pump as the base comparison. We believe this is the most conservative comparison to estimate program savings for the geothermal heat pump system. Using an electric resistance heating baseline would make this measure more cost-effective than it is currently, but it still does not pass the threshold of a 1.0 TRC.

Attachments:

None

Responder:

Don Martinez