Power and Water Service Map

Do you have power back at home?

Design A3
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Problem:

Since Maria happened in the island, power and water outages have become the norm. Coming back home and not knowing if these two essential services are running could ruin plans and change the day completely. Not everyone has a generator nor the extra money to buy gas. So it's pretty important to know if they're available to plan ahead and skip the surprise of coming back home to no water or power.

Implementation:

The implementation of this app would better fit a phone application with anonymous users that can report an outage, be it for power or water services that can be verified by the amount of reports and confirmation from the SP.

Target:

Most citizens of Puerto Rico could benefit by having an app that would allow them to know if there's a service outage in their respective area and it would be further helpful if it had a report outage button.

To evaluate the app:

Is the app available and accesible to everyone?
Are the outages information that's being displayed accurate?
Are the outages being reported to the users fast enough?
Do users find the app helpful in knowing outages?

Causes:

If the power grid in Puerto Rico were more reliable, an app like this wouldn't be needed.
Water Outages may happen because of a power outage or a broken pipe which is a variable.

Standardize:

Is the app helping its users?
Are people changing their plans due to outages?
Are there any extra features that users have pushed to add on to the app?