



All for Kids Organization Angkor Kids Center

Home Light Project Angkor Kids Center - Projects-2019

❖ **Project Report For Home Light Project.**

By studying and collecting data from the community on the lack of electricity for underprivileged people in Samrong village, Leang Dai commune, Angkor Thom district, Siem Reap province. Angkor Kids Center, led by Mr. Hak Hien the Executive Director, has designed and produced a project called Community Home Light Projects or Community Recharging Energy Project. The Home Light Project has been set up in a bid to facilitate the lives of the underprivileged people that cannot afford the expensive of the state electricity connections. This Home Light Project system is making more easily to providing a free energy for the project partner's families or providing a low cost of recharging batteries to the general community. Charging at AKC with the powerful Solar System project has contributed to 75% reduction in people's expenditure compared to the charging at the remote charging businesses outside the villages, which cost expensive and far from home that also make more cost expenses.

However, after submitting a proposal and seeking for supporter from all donor, we also received information on the successful completion of the financial support for the Home Light project, or Community Solar Recharging System, in mid-January 2019. Then, our team also held a discussion meeting to plan the implementation of the project as a result of the first phase of the project, we discussed in detail with our Managing Director of Angkor Kids Center, Mr. Chhon Samnang, to start implementing and learning to make sure all the information is right and useable for the solar recharging system by seeking technical support, additional information for other projects and ideas related to the benefits and advantages of using solar power systems in most of the companies that provide and market large solar power systems located in Siem Reap.

In addition, we have been looking for a cost-effective supply of solar charging systems from companies and other electrical outlets that can provide a reasonable price and ensure the quality of use for Longer term as a way of helping people in need in our community. In particular, it also contributes to reducing the cost of using high-cost and long-distance battery charging services, and in turn utilizing low-cost, do not negatively affect the environment and create a cash flow in the community where all the people in the village and project partner's families can come and using the batteries recharging services at Angkor Kids Center with Power System Clarifying Low Cost Solar or participating in reductions in the use of batteries recharging generators, which is leading to serious air pollution.

Shopping Activities

After receiving a lot of advices from solar system experts and getting a clear information on this project, our team decided to choose a reliable price of a better quality of Solar system for the Home Light Project and ordered 10 pc of 200-watt solar panel, 10 pc of 50-Amp battery, 5 Sets of the batteries charging controller, and accessories that also serve the solar charging system.



Installations

From the day of equipment purchasing, our team of builders, start building our Recharging Station and Solar panels frames and applied on the AKC's Building roof, the operation of building station and installing the frames were taken 2 days to completes. Then it takes another day to set up and installing solar panels and Charging system after receiving the ordered material.

✓ Charging Station

This session is taking 2 days to completes.



✓ System installation

This session is another day to build and install then get start for the first batteries charge.



Workshop

On October 9, 2019, our team also organized a meeting to distribute batteries and light bulbs to 10 families in need of electricity in Samrong village, attended by local authorities. In addition, we also promote the benefits of solar power and protecting the natural environment by reducing the use of gasoline, generators for recharging batteries. Our AKC Energy charging system not only serving the families we have selected; we can also charge 20 batteries a day for the general community. Charging one time in AKC we charge up to 75% less than other battery charging businesses in the village. Which means that the Angkor Kids Center Batteries Charging center can providing service for whole community.



Impacts:

Through the project of providing the use of the Angkor Kids Center for Renewable Energy (Home Light Project), we have seen many changes happening with the family's partners and some of the volunteer teacher's families that we have chosen to receive the projects.

Below are some information and pictures we took for display and to show you how it makes change for our community before and after receiving the Recharging Solar system:

Before:



After:





Home light projects Cash flow

After the fund arrived here all the details of what the money going on the Home Light Projects. Please find the information in the attachment bellow:

**Angkor Kids Center/
All For Kids
Organization**

**Cashbook for Home Light Project 2019
Helpucation e.V 2019**

Mini Business Plans

With the Home Light Project of Angkor Kids Center, we have come up with an important idea and project that we think will bring a small fee back to the Angkor Kids Center. Provides battery charging for the general population, both outside the community and in the community, which is powered by the same battery as our project. Other thing is charging at Angkor Kids Center Solar Charging's station at a lower cost than our battery charging business up to 75%. After coming up with the idea, we were looking for a way to reach out to the general public in our community from our charging station, because the families we provided the batteries for them could use 3 or 4 days then need to recharge once, so that means we can provide the battery charging service to the general public every day, that we can charge up to 20 batteries at any day whenever we have the sunlight.

Conclusions

Overall, we sincerely hope that The Home Light Project of the Angkor Kids Center can not only provide electricity to the families, partners, and teachers we have chosen, in addition to being a small business for the Angkor Kids Center to providing the Batteries charging services to general public at the lowest cost. And it can make some money for Angkor Kids Center's Projects