Energy Access in Humanitarian Settings: Nepal Earthquake

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NEPAL EARTHQUAKE 2015

Updated 21 May 2015

8,622 Dead
16,808 Injured
39 Districts affected
2.8 million People displaced
10 billion ($) People in economic losses

8,622
16,808
39
2.8 million
10 billion ($) Buildings Partially Damaged
7,532 Schools Damaged
1,100 Health facilities Damaged
100,000+ Livestock Lost

MAJOR EARTHQUAKES

7.8 magnitude 15 km depth
25 April 2015 (11:56 AM)
Barpak, Gorkha
Latitude 28°08’ 49.2”
Longitude 84°42’ 28.8”

7.3 magnitude 15 km depth
12 May 2015 (12:50 PM)
Chilankha, Dolakha
Latitude 27°50’ 13.199”
Longitude 86°4’ 37.199”

228 AFTershocks

DISTRICTWISE AFTershocks COUNT
Cusps excluded, till 3:00 PM 15th May 2015

Source: icimod.org
FactsNepal
Do you want to file a report? Click on "Submit a Report" or SMS: +977 9802017413 (NCELL) +977 9860782874 (NTC) email:quake@kathmanduilivinglabs.org

Are you a responding organization? Get into the dispatch process by filling out this form: http://bit.ly/1JRH1wA

June 17th: We are continuously following up on all actionable reports to verify whether help has been received. Check comments and action summaries for current status of reports. See more on this here

We have recently re-categorized "response needs" categories by the relief cluster system


If you are responding to a report, tell us! This helps us prevent duplication of relief efforts. Use email, phone, or comment on the report. Always use the contact details on the report to conduct secondary verification before responding.

Note: The reports on this site are coming from different sources. We do not send relief ourselves. Our reports help others, including the Nepal Army to coordinate and conduct relief efforts.

All information submitted on this site becomes public!, including contact details.
Please list electrical power needs for earthquake relief work at temporary shelters or rural villages in Nepal needing support. We will share this information with local solar companies and both national and international relief agencies to solicit help. Filling this form does not guarantee you will get support, however this will share your request with a broader audience who are willing to provide help for Nepal earthquake victims. See all submitted requests at [http://nepalquake.ghampower.com/request-map](http://nepalquake.ghampower.com/request-map)

Name of Person Making Request
Please type your full name

Contact Phone
your best contact number (preference mobile)

Contact Email *

Location Name
What is the name of the site / neighborhood?

Location Address *
Where is the site located? Please provide full address - put in only street name, city or VDC name, and district for address. Putting in "just down the street from the school" doesn't work well when relief workers are trying to find your site from the address you type here.

Google Map Latitude
Right click on map marker, choose "What's Here", and copy latitude coordinates (e.g. Tundikhel should be 27.702799, 85.313517, so type "27.702799" in the field below)

Google Map Longitude
Right click on map marker, choose "What's Here", and copy longitude coordinates (e.g. Tundikhel should be 27.702799, 85.313517, type "85.313517" in the field below)
http://nepalquake.ghampower.com/request-map
Help bring solar power to provide relief and rebuild for a clean-powered future.

Rebuild With Sun
Community

457 likes +7 this week
Adriz Basnet and 127 other friends

496 post reach this week

Reach a new milestone
500 Likes

Promote Page

What have you been up to?

Rebuild With Sun
Published by Alyssa Newman [?] · June 18 at 11:43am

Empower Generation, our collaborator in SolarCity's #GivePower #RebuildWithSun commitment is on track to bring solar charging to over 200 schools! We’re meeting with them in #SanFrancisco tonight.
Nepal: Rebuild With Sun

Help bring solar power to provide relief and rebuild for a clean-powered future.

Update #9
Indiegogo shared that our campaign would be included in their payments this week. Thanks again for your support. We continue to get great press on our effort, and will continue to share updates on our Rebuild With Sun Facebook page. Your contributions and support mean so much. Thank you.

Donations 139
$25
Anonymous
29 days ago
Rebuilding with sun: A story of hope, innovation, and positivity for Nepal

Curator: Laura Willard

A special Upworthy series about global health and poverty, made possible by the Bill & Melinda Gates Foundation. Read more, then check out more in All 7 Billion.

How Solar Can Help Power Nepal's Relief and Recovery Efforts

Many of Sandeep Giri's coworkers still feel the ground beneath them shaking. They are scared to step inside their homes. And those are the lucky ones that still have homes.

In quake-prone Nepal, why solar power is an energy solution (+video)

Developing and disaster-prone nations such as Nepal are turning more to solar power as a response to climate change, and as a path toward energy security and economic stability.

By Jessica Mendoza, Staff Writer | JUNE 1, 2015
Lesson #1 for Scale:

Need Technology + Lease/PPA Financing

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14 Districts: “Highly Affected”
2.8 million displaced
746 VDC (~3 villages / VDC)

Immediate (~60 days)
• ~1 mm personal lights + mobile charging kits
• ~1,000 community charging stations

Near Term (~6 months)
• Transition from charging stations to picogrids
• ~10,000

Long Term (post 6 months)
• Picogrids -> Microgrids
• ~20,000
• Productive End Use

$31 mm
$50 mm
$1 B
Gham Power: Solar Project Developer, Social Enterprise

- Started in 2010
  - Provide Solar PV systems at costs below diesel
  - Focus: Microgrids + Productive End Use (PEU)

- 549 kw installed; 589 projects:
  - Possible Health Bayalpata Hospital (12 kW)
  - Maiti Nepal Shelter for Trafficked Girls (8 kW)
  - EVK2 Lab @ Mt Everest base camp (10 kW)
  - US Embassy for Nepal (23 kW)
  - UNICEF (42 kW)

- Scale = Standardize projects -> Aggregate
  -> Provide financing (PPA, PAYG)
Thanks!

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