
NASA'S
WATTS
ON THE
MOON
CHALLENGE

1
00:00:00,780 --> 00:00:04,060
On Earth, we can light the darkness.

2
00:00:05,140 --> 00:00:06,780
Power our lives.

3
00:00:07,260 --> 00:00:09,860
Supply energy for the world’s needs.

4
00:00:11,880 --> 00:00:13,920
On the Moon, we cannot...

5
00:00:14,460 --> 00:00:15,740
Or at least not
yet.

6
00:00:16,260 --> 00:00:24,390
With 350 hours of total darkness and day after
day of subzero temperatures, traditional Earth-based

7
00:00:24,390 --> 00:00:28,960
power storage and distribution technologies
aren’t going to be enough.

8
00:00:29,329 --> 00:00:34,700
Future lunar explorers will need power to
use the tools and technologies necessary for

9
00:00:34,700 --> 00:00:38,960
uninterrupted exploration and survival on
a new world.

10
00:00:39,640 --> 00:00:44,460
That’s why NASA is searching for solutions
beyond our ongoing research.

11
00:00:44,460 --> 00:00:49,750
From garage inventors to small businesses,
industry and university students, NASA’s

12
00:00:49,750 --> 00:00:55,320
Watts on the Moon Centennial Challenge is
crowdsourcing ideas to solve the difficult

13
00:00:55,320 --> 00:01:01,160
tasks of power distribution, storage and management
on the lunar surface

14
00:01:01,160 --> 00:01:04,600
and enhance these technologies here on Earth.

15
00:01:04,610 --> 00:01:10,100
As NASA builds a sustainable human presence
on the Moon, continuous energy will be a critical

16
00:01:10,100 --> 00:01:12,080
piece of this puzzle.

17
00:01:12,960 --> 00:01:16,120
So that one day we can light the darkness

18
00:01:16,860 --> 00:01:18,540
...on the Moon.