



1
00:00:00,420 --> 00:00:01,420
Music

2
00:00:07,260 --> 00:00:07,290
Kennedy Space Center switched on a greener future Nov. 19 with the ceremonial commissioning of a first-of-its-

3
00:00:14,830 --> 00:00:17,096
solar energy power plant for NASA.

4
00:00:17,880 --> 00:00:18,310
Florida Power & Light and Sunpower Corporation officials joined Center Director and former astronaut Bob Cab

5
00:00:25,050 --> 00:00:27,516
commission the one megawatt facility.

6
00:00:28,180 --> 00:00:29,216
The solar farm covers five acres in Kennedy's Industrial area and is large enough to convert the sun's energy in

7
00:00:35,010 --> 00:00:42,143
megawatt of electricity. That's enough energy to power about 110 homes. At Kennedy, the electricity will be

8
00:00:43,160 --> 00:00:45,693
funneled into the center's power grid.

9
00:00:45,990 --> 00:00:47,413
The electricity production capitalizes on a source of renewable energy that does not produce any carbon emiss

10
00:00:52,300 --> 00:00:53,300
the process.

11
00:00:54,130 --> 00:00:55,240
"Having looked down on our environment from space, from 200 miles high, if you look at the Earth, it's this bea

12
00:01:00,820 --> 00:01:02,173
blue jewel of a planet and there's this thin little hazy line over the top of it and that's our atmosphere and it look

13
00:01:07,400 --> 00:01:08,130

pretty fragile from up there, and it's all that's protecting us from the harmful ultraviolet radiation from space and

14

00:01:14,470 --> 00:01:14,643

extreme temperatures and I think anything we can do to help the environment and keep it better is really

15

00:01:21,230 --> 00:01:22,230

important."

16

00:01:22,960 --> 00:01:23,019

NARRATOR:

17

00:01:23,020 --> 00:01:24,403

Although spacecraft are often built with solar panels, Kennedy's new solar farm is the first time NASA has used

18

00:01:29,170 --> 00:01:32,970

large and permanent facility for solar energy production.

19

00:01:33,290 --> 00:01:34,166

It will be joined in the spring by a 10 megawatt facility on Kennedy land that will feed energy to all Florida Power