

lightsourcebp

SOLAR FOR MUNICIPAL & COOPERATIVE ELECTRIC UTILITIES

Providing low-cost, reliable, local electricity to municipal and cooperative utilities across America, while energizing cleaner and healthier communities.



BUY LOCAL

Locally generated, predictable power provides security and local control



SAVE MONEY

Low-cost solar electricity is saving municipal and co-op utilities millions of dollars



REDUCE RISK WITH NO UP-FRONT CAPITAL COSTS

Lightsource bp finances, builds, owns and operates the solar facilities



HEDGE MARKET VOLATILITY

Reduce exposure to variable market pricing and lock in predictable long-term electricity costs



REDUCE CARBON FOOTPRINT

Meet sustainability commitments and provide a cleaner, healthier, safer environment for your community



PARTNER WITH AN INDUSTRY LEADER

Form a longstanding, collaborative relationship with a well-established global solar developer



BENEFIT THE COMMUNITY

100+ jobs in construction, O&M, and asset management plus long-term reliable revenue for local landowners

ALABAMA MUNICIPAL ELECTRIC AUTHORITY



“ The solar energy will have a fixed price for 20 years, and will act as a hedge against price volatility in the natural gas market. Over 20 years, the company looks to save a minimum of \$40 million. Today this resource is cheaper than current coal and natural gas resources. It allows us to build more stability and more diversity in our energy portfolio. ”

- Fred Clark, AMEA President and CEO


100MW
POWER


\$125M
PRIVATE INVESTMENT


300
JOBS CREATED


173,252MT
ABATED GHG


20,000
HOMES POWERED

Project Details

Project capacity:
100 MW_{AC} / 130 MW_{DC}

Electricity production:
245,000 MWh per year

Owner and operator:
Lightsource bp

Power purchaser:
Alabama Municipal Electric Authority

Total project investment:
\$125 million

Total size:
800 acres

of solar panels:
350,000

Contract:
20-year power purchase agreement (PPA)

Homes powered:
20,000 homes

Location:
Montgomery County, Alabama

SUNFLOWER ELECTRIC POWER CORPORATION



In addition to generating cost-effective on-peak energy and capacity, the solar facility will also reduce loading on a transmission line that is nearing full capacity, thus deferring or eliminating a costly upgrade requirement for the Mid-Kansas transmission system.


20MW
POWER


\$37M
PRIVATE INVESTMENT


200
JOBS CREATED


39,000MT
ABATED GHG


4,900
HOMES POWERED

Project Details

Project capacity:
20 MW_{AC} / 27.5 MW_{DC}

Electricity production:
55,000 MWh per year

Owner and operator:
Lightsource bp

Power purchaser:
Sunflower Electric Power Corporation/
Mid-Kansas Electric Company

Total project investment:
\$37 million

Total size:
144 acres

of solar panels:
75,000

Contract:
25-year PPA

Homes powered:
4,900 homes

Location:
Stanton County, Kansas

CASE STUDIES

Project Details

Project capacity:

13 MW_{AC} / 16.3 MW_{DC}

Electricity production:

30,900 MWh per year

Owner and operator:

Lightsource bp

Power purchaser:

Sacramento Municipal Utility District

Total project investment:

\$20 million

Total size:

90 acres

of solar panels:

43,000

Contract:

25-year PPA

Homes powered:

2,600 homes

Location:

Sacramento, California




13MW
POWER


\$20M
PRIVATE INVESTMENT


80
JOBS CREATED


21,850MT
ABATED GHG


2,600
HOMES POWERED

Project Details

Project capacity:

6.9 MW_{AC} / 8.8 MW_{DC}

Electricity production:

20,400 MWh per year

Owner and operator:

Lightsource bp

Power purchaser:

Continental Divide Electric Cooperative

Total project investment:

\$10 million

Total size:

60 acres

of solar panels:

24,000

Contract:

20-year PPA

Homes powered:

1,700 homes

Location:

Grants, New Mexico




7MW
POWER


\$10M
PRIVATE INVESTMENT


40
JOBS CREATED


14,400MT
ABATED GHG


1,700
HOMES POWERED

Note: All figures approximate until system designs are finalized

ABOUT LIGHTSOURCE bp

Lightsource bp is a global leader in the financing, development and management of large-scale solar energy projects. We are a 50:50 joint venture with bp, working together to help drive the world's

transition to low carbon energy through competitively priced and sustainable electricity. The team comprises of 500 industry specialists, active across 13 countries.



13

countries with active operations



7GW

solar project pipeline across the U.S.



500

specialists covering full project lifecycle



2GW+

global operational solar portfolio



200+

solar farms developed & financed



\$7b

in project financing raised & deployed