

SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

SCHEDULE 13G/A
(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO
RULES 13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED
PURSUANT TO RULE 13d-2(b)

(Amendment No. 2)

ARCH COAL, INC.

(Name of Issuer)

Shares of Common Stock, par value \$.01 per share

(Title of Class of Securities)

039380100

(CUSIP Number)

June 4, 2003

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule
is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

CUSIP No. 039380100

13G/A

1 NAME OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Greenlight Capital, L.L.C. 13-3886851

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) []
(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER
NUMBER OF SHARES 0

6 SHARED VOTING POWER
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 0

7 SOLE DISPOSITIVE POWER
0

8 SHARED DISPOSITIVE POWER
0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

[]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

0

12 TYPE OF REPORTING PERSON*

00

*SEE INSTRUCTIONS BEFORE FILLING OUT

**SEE ITEM 4(b).

CUSIP No. 039380100

13G/A

13-3871632

1 NAME OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Greenlight Capital, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) []
(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER
0

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH

6 SHARED VOTING POWER
0

7 SOLE DISPOSITIVE POWER
0

8 SHARED DISPOSITIVE POWER
0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
0

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN
SHARES* []

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
0

12 TYPE OF REPORTING PERSON*
CO

*SEE INSTRUCTIONS BEFORE FILLING OUT
**SEE ITEM 4(b).

1 NAME OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

David Einhorn

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) []
(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

U.S. Citizen

5 SOLE VOTING POWER
0

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH
6 SHARED VOTING POWER
0

7 SOLE DISPOSITIVE POWER
0

8 SHARED DISPOSITIVE POWER
0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
0

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* []

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
0

12 TYPE OF REPORTING PERSON*
IN

*SEE INSTRUCTIONS BEFORE FILLING OUT
**SEE ITEM 4(b).

AMENDMENT NO. 2 TO SCHEDULE 13G

This Amendment No. 2 to Schedule 13G (the "Amendment"), relating to shares of common stock of Arch Coal, Inc., a Delaware corporation (the "Issuer"), is being filed with the Securities and Exchange Commission as an amendment to the Schedule 13G filed on August 16, 2002, as amended by Amendment Number 1 thereto, filed March 18, 2003 (the "Schedule 13G"). This Amendment is being filed on behalf of Greenlight Capital, L.L.C., a Delaware limited liability company ("Greenlight LLC"), Greenlight Capital, Inc., a Delaware corporation ("Greenlight Inc." and together with Greenlight LLC, "Greenlight") and Mr. David Einhorn, principal of Greenlight.

This Schedule 13G relates to shares of Common Stock of the Issuer purchased by Greenlight for the account of (i) Greenlight Capital, L.P., of which Greenlight LLC is the general partner, (ii) Greenlight Capital Qualified, L.P., of which Greenlight LLC is the general partner and (iii) Greenlight Capital Offshore, Ltd., to which Greenlight Inc. acts as investment advisor.

ITEM 4 OWNERSHIP.

Item 4 of the Schedule 13G is hereby amended and restated in its entirety as follows:

- (a) Greenlight and Mr. Einhorn are the beneficial owners of 0 shares of Common Stock.
- (b) Greenlight and Mr. Einhorn are the beneficial owners of 0% of the outstanding shares of Common Stock.
- (c) Greenlight has the sole power to vote and dispose of the 0 shares of Common Stock beneficially owned by it. As the principal of Greenlight, Mr. Einhorn may direct the vote and disposition of the 0 shares of Common Stock beneficially owned by Greenlight.

ITEM 5 OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

Item 5 of the Schedule 13G is amended and restated in its entirety to read as follows:

If this Statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following.
[X]

ITEM 10 CERTIFICATION.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

EXHIBITS

EXHIBIT 1

Joint Filing Agreement dated October 2, 2003, among Greenlight
LLC, Greenlight Inc. and David Einhorn.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: October 2, 2003

Greenlight Capital, L.L.C.

By: /S/ DAVID EINHORN

David Einhorn, Managing Member

Greenlight Capital, Inc.

By: /S/ DAVID EINHORN

David Einhorn, President

/S/ DAVID EINHORN

David Einhorn

INDEX TO EXHIBITS

EXHIBIT NUMBER	DESCRIPTION
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Exhibit 1	Joint Filing Agreement dated October 2, 2003, among Greenlight LLC, Greenlight Inc. and David Einhorn.

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, the undersigned agree to the joint filing on behalf of each of them of a Statement on Schedule 13G (including any and all amendments thereto) with respect to the Common Stock, par value \$.01 per share, of Arch Coal, Inc., and further agree that this Joint Filing Agreement shall be included as an Exhibit to such joint filings.

The undersigned further agree that each party hereto is responsible for the timely filing of such Statement on Schedule 13G and any amendments thereto, and for the accuracy and completeness of the information concerning such party contained therein; provided, however, that no party is responsible for the accuracy or completeness of the information concerning any other party, unless such party knows or has reason to believe that such information is inaccurate.

This Joint Filing Agreement may be signed in counterparts with the same effect as if the signature on each counterpart were upon the same instrument.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of October 2, 2003.

Greenlight Capital, L.L.C.

By: /S/ DAVID EINHORN

David Einhorn, Managing Member

Greenlight Capital, Inc.

By: /S/ DAVID EINHORN

David Einhorn, President

/S/ DAVID EINHORN

David Einhorn