BlackRock Real Asset Equity Trust Form N-PX August 27, 2009 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM N-PX

ANNUAL REPORT OF PROXY VOTING RECORD OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-21931

Name of Fund: BlackRock Real Asset Equity Trust (BCF)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: Anne Ackerley, Chief Executive Officer, BlackRock Real Asset Equity Trust, 40 East 52(nd) Street, New York City, NY 10022.

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 10/31

Date of reporting period: 07/01/2008 -- 06/30/2009

Item 1 -- Proxy Voting Record -- Attached hereto.

Pursuant to the requirements of the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

1

BlackRock Real Asset Equity Trust

By: /s/ Anne Ackerley

Anne Ackerley

Chief Executive Officer of

BlackRock Real Asset Equity Trust

Date: August 14, 2009

ICA File Number: 811-21931 Reporting Period: 07/01/2008 - 06/30/2009 BlackRock Real Asset Equity Trust

AGRIUM INC.

Ticker: AGU Security ID: 008916108 Meeting Date: MAY 13, 2009 Meeting Type: Annual Record Date: MAR 23, 2009

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Ralph S. Cunningham	For	For	Management
1.2	Elect Director Germaine Gibara	For	For	Management
1.3	Elect Director Russell K. Girling	For	For	Management
1.4	Elect Director Susan A. Henry	For	For	Management
1.5	Elect Director Russell J. Horner	For	For	Management
1.6	Elect Director A. Anne McLellan	For	For	Management
1.7	Elect Director Derek G. Pannell	For	For	Management
1.8	Elect Director Frank W. Proto	For	For	Management
1.9	Elect Director Michael M. Wilson	For	For	Management
1.10	Elect Director Victor J. Zaleschuk	For	For	Management
2	Approve KPMG LLP as Auditors and	For	For	Management
	Authorize Board to Fix Their			
	Remuneration			

AIR PRODUCTS & CHEMICALS, INC. Ticker: APD Security ID: 009158106 Meeting Date: JAN 22, 2009 Meeting Type: Annual Record Date: NOV 30, 2008 #ProposalMgt RecVote CastSponsor1.1Elect Director Mario L. BaezaForForManagement1.2Elect Director Edward E. HagenlockerForForManagement1.3Elect Director John E. McGladeForForManagement1.4Elect Director Charles H. NoskiForForManagement2Ratify AuditorsForForManagement _____ ALLEGHENY TECHNOLOGIES INCORPORATED Ticker: ATI Security ID: 01741R102 Meeting Date: MAY 7, 2009 Meeting Type: Annual Record Date: MAR 11, 2009 #ProposalMgt RecVote CastSponsor1.1Elect Director Diane C. CreelForForManagement1.2Elect Director James E. RohrForForManagement1.3Elect Director Louis J. ThomasForForManagement1.4Elect Director Barbara S. JeremiahForForManagement2Ratify AuditorsForForManagement _____ CARPENTER TECHNOLOGY CORP. Security ID: 144285103 Ticker: CRS Meeting Date: OCT 13, 2008 Meeting Type: Annual Record Date: AUG 15, 2008 #ProposalMgt RecVote CastSponsor1.1Elect Director Robert R. McMasterForForManagement1.2Elect Director Gregory A. PrattForForManagement1.3Elect Director Anne L. StevensForForManagement2Ratify AuditorsForForManagement _____ CATERPILLAR INC. Ticker: CAT Security ID: 149123101 Meeting Date: JUN 10, 2009 Meeting Type: Annual Record Date: APR 13, 2009 #ProposalMgt RecVote CastSponsor1.1Elect Director Daniel M. DickinsonForForManagement1.2Elect Director David R. GoodeForForManagement1.3Elect Director James W. OwensForForManagement1.4Elect Director Charles D. PowellForForManagement1.5Elect Director Joshua I. SmithForForManagement2Ratify AuditorsForForForManagement3Declassify the Board of DirectorsAgainstForShareholder

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4	Require a Majority Vote for the	Against	For	Shareholder
5	Election of Directors Report on Foreign Military Sales	Against	Against	Shareholder
6	Adopt Simple Majority Vote Standard	Against	For	Shareholder
7	Limitation on Compensation Consultant	Against	For	Shareholder
7	Services	Agarnse	101	Sharehorder
8	Require Independent Board Chairman	Against	Against	Shareholder
9	Report on Lobbying Priorities	Against	Against	Shareholder
CELAN	NESE CORP.			
Ticke	7	50870103		
	ing Date: APR 23, 2009 Meeting Type: A cd Date: MAR 2, 2009	nnual		
Recor	u Date. MAR 2, 2009			
#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director James E. Barlett	For	For	Management
1.2	Elect Director David F. Hoffmeister	For	For	Management
1.3	Elect Director Paul H. O'Neill	For	For	Management
2	Ratify Auditors	For	For	Management
3	Approve Omnibus Stock Plan	For	For	Management
4	Approve Qualified Employee Stock	For	For	Management
	Purchase Plan			5
CLIFF	'S NATURAL RESOURCES INC			
Tioks	CLE Committee TD: 1	06021101		
Ticke				
	ing Date: MAY 12, 2009 Meeting Type: A cd Date: MAR 16, 2009	IIIIuaı		
Recor	a Date. MAR 10, 2009			
#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director R.C. Cambre	For	Withhold	Management
1.2	Elect Director J.A. Carrabba	For	Withhold	Management
1.3	Elect Director S.M. Cunningham	For	Withhold	Management
1.4	Elect Director B.J. Eldridge	For	Withhold	Management
1.5	Elect Director S.M. Green	For	Withhold	Management
1.6	Elect Director J.D. Ireland III	For	Withhold	Management
1.7	Elect Director F.R. McAllister	For	Withhold	Management
1.8	Elect Director R. Phillips	For	Withhold	Management
1.9	Elect Director R.K. Riederer	For	Withhold	Management
1.10	Elect Director A. Schwartz	For	Withhold	Management
2	Ratify Auditors	For	For	Management
	-			-
DEERE	5 & CO.			
Ticke				
	Ing Date: FEB 25, 2009 Meeting Type: A	nnual		
Recor	rd Date: DEC 31, 2008			
u		M. 1. 5	M	0
#	Proposal Elect Diverter Grandell C. Deules	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Crandall C. Bowles	For	For	Management
1.2	Elect Director Vance D. Coffman	For	For	Management
1.3	Elect Director Clayton M. Jones	For	For	Management

1.4Elect Director Thomas H. PatrickForForManagement2Ratify AuditorsForForManagement3Declassify the Board of DirectorsForForShareholder4Advisory Vote to Ratify Named Executive AgainstForShareholder Officers' Compensation Require Independent Board Chairman Against Against Shareholder 5 _____ DOW CHEMICAL COMPANY, THE Ticker: DOW Security ID: 260543103 Meeting Date: MAY 14, 2009 Meeting Type: Annual Record Date: MAR 16, 2009 #ProposalMgt RecVote CastSponsor1Elect Director Arnold A. AllemangForForForManagement2Elect Director Jacqueline K. BartonForForForManagement3Elect Director James A. BellForForForManagement4Elect Director Jeff M. FettigForForManagement5Elect Director Barbara H. FranklinForForManagement6Elect Director John B. HessForForManagement7Elect Director Geoffery E. MerszeiForForManagement8Elect Director Dennis H. ReilleyForForManagement9Elect Director Ruth G. ShawForForFor10Elect Director Paul G. SternForForFor13Ratify AuditorsForForForManagement14Restore or Provide for CumulativeAgainstAgainstShareholder Shareholder Voting 15 Amend Articles/Bylaws/Charter -- Call Against For Shareholder Special Meetings 16Stock Retention/Holding PeriodAgainstFor17Advisory Vote to Ratify Named Executive AgainstFor Shareholder Shareholder Officers' Compensation Report on Environmental Remediation in Against Against Shareholder 18 Midland Area _____ E.I. DU PONT DE NEMOURS & CO. Ticker: DD Security ID: 263534109 Meeting Date: APR 29, 2009 Meeting Type: Annual Record Date: MAR 4, 2009 #ProposalMgt RecVote CastSponsor1Elect Director Samuel W. BodmanForForManagement2Elect Director Richard H. BrownForForManagement3Elect Director Robert A. BrownForForManagement4Elect Director Bertrand P. CollombForForManagement5Elect Director Curtis J. CrawfordForForManagement6Elect Director Alexander M. CutlerForForManagement7Elect Director John T. DillonForForManagement8Elect Director Marillyn HewsonForForManagement9Elect Director Charles O. Holliday, Jr.ForForManagement10Elect Director Lois D. JuliberForForManagement12Elect Director Ellen J. KullmanForForManagement # Proposal Mgt Rec Vote Cast Sponsor

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13Elect Director William K. ReilyForForManagement14Ratify AuditorsForForManagement15Advisory Vote to Ratify Named Executive AgainstForShareholder Officers' Compensation _____ GUARANTY FINANCIAL GROUP INC. Ticker: GFG Security ID: 40108N106 Meeting Date: SEP 29, 2008 Meeting Type: Special Record Date: AUG 29, 2008 Proposal Mgt Rec Vote Cast Sponsor Approve Conversion of Securities For For Management # 1 _____ INTERNATIONAL PAPER CO. Ticker: IP Security ID: 460146103 Meeting Date: MAY 11, 2009 Meeting Type: Annual Record Date: MAR 16, 2009 #ProposalMgt RecVote CastSponsor1.1Elect Directors John V. FaraciForForManagement1.2Elect Directors Stacey J. MobleyForForManagement1.3Elect Directors William G. WalterForForManagement1.4Elect Directors J. Steven WhislerForForManagement2Ratify AuditorsForForForManagement3Permit Right to Call Special MeetingForForManagement4Approve Omnibus Stock PlanForForManagement5Report on Sustainable ForestryAgainstAgainstShareholder Mgt Rec Vote Cast Sponsor Shareholder _____ MEADWESTVACO CORP. Ticker: MWV Security ID: 583334107 Meeting Date: APR 27, 2009 Meeting Type: Annual Record Date: FEB 27, 2009 #ProposalMgt RecVote CastSponsor1.1Elect Director Michael E. CampbellForForManagement1.2Elect Director Thomas W. Cole, Jr.ForForManagement1.3Elect Director James G. KaiserForForManagement1.4Elect Director Richard B. KelsonForForManagement1.5Elect Director James M. KiltsForForManagement1.6Elect Director Douglas S. LukeForForManagement1.8Elect Director Robert C. McCormackForForManagement1.9Elect Director Timothy H. PowersForForManagement1.11Elect Director Jane L. WarnerForForManagement2Ratify AuditorsForForForManagement3Amend Omnibus Stock PlanForForForManagement4Amend Articles/Bylaws/Charter -- Call
Special MeetingsAgainstForShareholder # Proposal Mgt Rec Vote Cast Sponsor Special Meetings

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_____ MOSAIC CO Ticker: MOS Security ID: 61945A107 Meeting Date: OCT 9, 2008 Meeting Type: Annual Record Date: AUG 11, 2008 #ProposalMgt RecVote CastSponsor1.1Elect Director David B. MathisForForManagement1.2Elect Director James L. PopowichForForManagement1.3Elect Director James T. ProkopankoForForManagement1.4Elect Director Steven M. SeibertForForManagement2Ratify AuditorsForForManagement _____ OLIN CORP. Ticker: OLN Security ID: 680665205 Meeting Date: APR 23, 2009 Meeting Type: Annual Record Date: FEB 27, 2009 # Proposal Mgt Rec Vote Cast Sponsor Elect Director Gray G. Benoist
 Elect Director Donald W. Bogus
 Flort Director Donald W. Bogus #FloposalMgt KetVote CastSponsol1.1Elect Director Gray G. BenoistForForManagement1.2Elect Director Donald W. BogusForForManagement1.3Elect Director John M. B. O'ConnorForForManagement1.4Elect Director Philip J. SchulzForForManagement1.5Elect Director Vincent J. SmithForForManagement2Approve Omnibus Stock PlanForForManagement3Ratify AuditorsForForForManagement _____ POTASH CORPORATION OF SASKATCHEWAN INC. Ticker: POT Security ID: 73755L107 Meeting Date: MAY 7, 2009 Meeting Type: Annual/Special Record Date: MAR 12, 2009 #ProposalMgt RecVote CastSponsor1.1Elect Director C. M. BurleyForForForManagement1.2Elect Director W. J. DoyleForForManagement1.3Elect Director J. W. EsteyForForManagement1.4Elect Director C. S. HoffmanForForManagement1.5Elect Director D. J. HoweForForManagement1.6Elect Director A. D. LabergeForForManagement1.7Elect Director J. J. McCaigForForManagement1.8Elect Director M. MogfordForForManagement1.9Elect Director P. J. SchoenhalsForForManagement1.11Elect Director E. R. StrombergForForManagement1.12Elect Director E. Viyella de PalizaForForManagement2Approve Deloitte & Touche LLP as
Auditors and Authorize Board to Fix
Their RemunerationForForManagement # Proposal Mgt Rec Vote Cast Sponsor Their Remuneration Approve 2009 Performance Option PlanForForManagementAdvisory Vote to Ratify Named Executive AgainstForShareholder 3 4 Shareholder

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Officers' Compensation

PRAXAIR, INC. Ticker: PX Security ID: 74005P104 Meeting Date: APR 28, 2009 Meeting Type: Annual Record Date: MAR 2, 2009 #ProposalMgt RecVote CastSponsor1.1Elect Director Stephen F. AngelForForManagement1.2Elect Director Nance K. DiccianiForForManagement1.3Elect Director Edward G. GalanteForForManagement1.4Elect Director Claire W. GargalliForForManagement1.5Elect Director Ira D. HallForForManagement1.6Elect Director Larry D. McVayForForManagement1.8Elect Director Wayne T. SmithForForManagement1.9Elect Director Robert L. WoodForForManagement2Approve Omnibus Stock PlanForForForManagement3Ratify AuditorsForForForManagement _____ ROHM AND HAAS CO. Ticker: ROH Security ID: 775371107 Meeting Date: OCT 29, 2008 Meeting Type: Special Record Date: SEP 25, 2008 Mgt Rec Vote Cast Sponsor For For Management For For Management # Proposal
1 Approve Merger Agreement
2 Adjourn Meeting _____ TEMPLE-INLAND INC. Ticker: TIN Security ID: 879868107 Meeting Date: MAY 1, 2009 Meeting Type: Annual Record Date: MAR 6, 2009 Mgt Rec Vote Cast Sponsor # Proposal 1Elect Director Cassandra C. CarrForForManagement2Elect Director Richard M. SmithForForManagement3Elect Director Arthur Temple IIIForForManagement4Elect Director R.A. WalkerForForManagement5Ratify AuditorsForForFor _____ UNITED STATES STEEL CORP.

Ticker: X Security ID: 912909108 Meeting Date: APR 28, 2009 Record Date: FEB 27, 2009

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