



New England Communities

Serving Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont & 10 Tribal Nations

New Sources of Emissions under the New Source Review Program

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The goal of the Federal New Source Review (NSR) program is to ensure emission increases from new or modified sources (e.g., power plants, industrial and manufacturing facilities) do not exceed state and federal health standards. To accomplish this goal, the NSR program imposes several tough requirements that evaluate and reduce potential impacts. First, the program requires sources to install state-of-the-art control equipment and incorporate less polluting processes that reduce the potential impact from new emissions. Sources are also required to perform a thorough air quality impact analysis using advance emission modeling procedures to ensure compliance with all emission standards.

To ensure public involvement, the NSR program imposes a mandatory public comment period for all new draft permits. The comment period gives the public access to the information used by the permitting authority to support their draft permit decisions. The public is also allowed an opportunity to provide recommendations on the draft permit that the permitting authority must address in the final permit issuance. Please refer to the table below if you wish to comment on a draft permit of interest. The Permit Application, Draft Permit and Public Hearing Notice are available for review by clicking on the appropriate link. If there is an open public comment period on a permit you may submit your comments to [Ida McDonnell](mailto:Ida.McDonnell@epa.gov) (mcdonnell.ida@epa.gov). You may also review comments made to date under the column titled Public Comment Period and Comments to Date.

EPA has also developed a mailing list that you can request in writing to be put on for notification of any PSD permit issued by EPA New England. If you would like to be put on the list please mail your request to:

Air Permit Clerk
U.S. Environmental Protection Agency – New England
5 Post Office Square, Suite 100
Mail Code: OES04-2
Boston, MA 02109-3912

If you have questions about a facility in your community, please contact your state environmental agency as listed below.

AIR PERMITS ISSUED BY REGION 1				
FACILITY:		PROJECT:		
Pioneer Valley Energy Center Westfield, Massachusetts		431 MW Combined Cycle Turbine		
APPLICATION	DRAFT PERMIT & SUPPORTING DOCUMENTATION	PUBLIC HEARING & COMMENT PERIOD	COMMENTS	FINAL PERMITS
Application (PDF) (77 pp, 8.3MB) Fact Sheet (PDF) (17 pp, 5.3MB) Modeling analysis (PDF) (2 pp, 638K) March 10, 2010 Submittal (PDF) (7 pp, 2.1MB) July 12, 2010 Submittal (PDF) (6 pp, 54K) October 27, 2010 submittal (PDF) (1 pg, 12K) State modeling memo (PDF) (2 pp, 456K) Startup and shutdown limits (PDF) (1 pg, 11K)	052-042-MA14 (PDF) (12 pp, 3.1MB)	Public Notice 11/5/2010 (PDF) (3 pp, 748K) 11/05/2010 – 12/06/2010		
FACILITY:		PROJECT:		
Cape Wind Associates, LLC, Horseshoe Shoal, Nantucket Sound		Offshore Renewable Energy Project/OCS Air Permit: Massachusetts Plan Approval including nonattainment NSR Appendix A requirements		

APPLICATION	DRAFT PERMIT & SUPPORTING DOCUMENTATION	PUBLIC HEARING & COMMENT PERIOD	COMMENTS	FINAL PERMITS
OCS Air Regulations Permit Application, December 17, 2008, Letter from ESS Group, Inc. to David Conroy, EPA, Re: OCS Air regulation (PDF) (56 pp, 7MB) Permit Application Revision March 12, 2009 (PDF) (16 pp, 650K) Permit Application Revision June 25, 2009 (PDF) (11 pp, 623K) Permit Application Revision September 23, 2009 (PDF) (18 pp, 1.2MB) Permit Application Revision March 2, 2010 (PDF) (6 pp, 212K) Permit Application Revision April 23, 2010 (PDF) (15 pp, 198K) Permit Application Revision June 4, 2010 (PDF) (4 pp, 67K)	OCS-R1-01 Draft permit June 10, 2010 (PDF) (12 pp, 62K) Fact Sheet (PDF) (56 pp, 316K) OCS Air Regulations NOI, 12/7/07 (PDF) (21 pp, 2.4MB) Meeting notes 3/17/08 (PDF) (5 pp, 156K) Letter from Robert Varney, EPA, to Glenn Wattley, May 28, 2008 (PDF) (3 pp, 666K) Letter from NOAA Fisheries to MMS re: Biological Opinion 11/13/08 (PDF) (238 pp, 13.7MB) Letter from FWS to MMS re: Biological Opinion 11/21/08 (PDF) (238 pp, 13.7MB) Letter from Save Our Sound to EPA 1/5/09 (PDF) (2 pp, 663K) Letter from EPA to MMS Re: Section 106 Consultation 12/1/09 (PDF) (2 pp, 389K) Letter from MMS, Re: Section 106 Consultation 12/15/09 (PDF) (8 pp, 2.1MB) Letters from EPA to tribal leaders of Mashpee Wampanoag Tribal Council (PDF) (1 pg, 250K), Wampanoag Tribe of Gay Head (Aquinnah) (PDF) (1 pg, 249K), and Narragansett Indian Tribe (PDF) (1 pg, 241K), May 4, 2010 Letter from ESS, 5/28/10 (PDF) (7 pp, 76K) Attachment I, Air Analysis, 6/3/10 (PDF) (6 pp, 1.5MB) 1-Hour SO2 and NO2 modeling memo 12-21-10 (PDF) (4 pp, 103K) Cape Wind, Cape Wind Biological Opinion Cover Letter (PDF) (3 pp, 257K) Cape Wind Biological Opinion (PDF) (130 pp, 11.8MB) F & WS 12-17-10 ESA Concurrence (PDF) (4 pp, 1.6MB)	Public Notice 6/8/10 (PDF) (4 pp, 1.2MB) 6/11/10 – 7/16/10	Cape Wind Final Response to Comments 1-7-2011 (PDF) (48 pp, 485K) Richard Mahoney (PDF) (1 pg, 10K) Melissa Renn (PDF) (1 pg, 10K) Mary Readon (PDF) (1 pg, 40K) Joanne P.Q. El-Fayoumy (PDF) (1 pg, 15K) Don Schaefer (PDF) (1 pg, 16K) Francine Nisbet (PDF) (1 pg, 14K) David Geyer (PDF) (1 pg, 10K) Barbara Wilson (PDF) (1 pg, 14K) Joe McGinity (PDF) (1 pg, 10K) Nolaa Cloutier (PDF) (1 pg, 10K) James Bodurtha (PDF) (1 pg, 12K) Diana Morse (PDF) (1 pg, 14K) Charles Curran (PDF) (1 pg, 40K) Jays Stevens (PDF) (1 pg, 42K) Deke Ulian (PDF) (1 pg, 10K) Barbara Durkin (PDF) (12 pp, 227K) Barbara Durkin #2 (PDF) (16 pp, 81K) Barbara Durkin #3 (PDF) (3 pp, 23K) Joan Hill (PDF) (1 pg, 11K) Ted Giletti (PDF) (1 pg, 11K) ESS Group (Mike Feinblatt) with attachment (PDF) (7 pp, 74K) Brad Thomas ConocoPhillips with attachment (PDF) (6 pp, 3.7MB) Alliance to Protect Nantucket Sound with attachments (PDF) (171 pp, 10.1MB) Nantucket Hearing Testimony 7/13/10	Cape Wind Final Permit 1-7-2011 (PDF) (14 pp, 3.7MB) Attachment 1 Cape Wind Permit June 4, 2010 letter (PDF) (4 pp, 1.2MB) Attachment 2 Cape Wind Permit September 23, 2009 (PDF) (18 pp, 5.9MB)

			(PDF) (26 pp, 86K) Martha's Vineyard Hearing Testimony 7/14/10 (PDF) (37 pp, 109K) Cape Cod Hearing Testimony 7/15/10 (PDF) (57 pp, 155K)	
FACILITY:			PROJECT:	
Dominion Energy Brayton Point, LLC, Somerset, MA			Cooling Water Towers, Dry Scrubber, and Fabric Filter/PSD	
APPLICATION	DRAFT PERMIT & SUPPORTING DOCUMENTATION	PUBLIC HEARING & COMMENT PERIOD	COMMENTS	FINAL PERMITS
828/2008 (PDF) (206 pp, 7.5MB) Amended Application 1 of 2 (PDF) (89 pp, 3.3MB) Amended Application 2 of 2 (PDF) (192 pp, 5.1MB)	052-120-MA13 (PDF) (9 pp, 57K) Fact Sheet (PDF) (24 pp, 128K) ESA Memo (PDF) (3 pp, 30K) Schematic of Cooling Water Towers (PDF) (1 pg, 23K) EPA assessment of the air modeling (PDF) (24 pp, 1.1MB) Cooling Tower Permit Response to Comments (PDF) (8 pp, 57K) Bristol County Broadcasting EAB Petition for Review (PDF) (13 pp, 372K) EAB Decision on Permit Appeal (PDF) (6 pp, 257K) Notice of Final Permit Decision (PDF) (1 pg, 47K) July 20, 2009 Unit #3 Emissions Spreadsheet (PDF) (1 pg, 257K) Unit #3 Permit Cover Letter October 7, 2009 (PDF) (2 pp, 73K) Permit Comment Withdrawal Letter October 5, 2009 (PDF) (2 pp, 389K) Unit #3 Permit Response to Comments (PDF) (3 pp, 170K) PSD Permit Appeal Process (PDF) (1 pg, 49K)	1/28/09 (PDF) (3 pp, 28K) 1/28/2009 – 2/27/2009		Cooling Tower Final Permit # 052-120-MA14 04/02/2009 (PDF) (7 pp, 301K) Unit #3 Control Project Final: Permit # 052-120-MA15 October 7, 2009 (PDF) (7 pp, 306K)
FACILITY:			PROJECT:	
Northeast Energy Associates, Bellingham, MA			Gas Turbine / Amended PSD*	
APPLICATION	DRAFT PERMIT & SUPPORTING DOCUMENTATION	PUBLIC HEARING & COMMENT PERIOD	COMMENTS	FINAL PERMITS
3/28/2008 (PDF) (67 pp, 3.3MB)	CR-88-PSD-R-001 (PDF) (16 pp, 61K)	10/30/08 (PDF) (3 pp, 19K)		12/23/08 (PDF) (16 pp, 663K)

<u>Fact Sheet (PDF)</u> (14 pp, 244K) <u>Oil-Fired Opacity Evaluation (PDF)</u> (3 pp, 233K) <u>Oil-Fired Opacity Limit (PDF)</u> (8 pp, 432K) <u>Startup & Shutdown Emission Limits (PDF)</u> (14 pp, 392K) <u>Additional Information on CO Emissions (PDF)</u> (2 pp, 98K)		10/30/2008 - 12/1/2008		
FACILITY:			PROJECT:	
University of Massachusetts (UMass), Amherst, MA			Central Heating Plant/PSD*	
APPLICATION	DRAFT PERMIT & SUPPORTING DOCUMENTATION	PUBLIC HEARING & COMMENT PERIOD	COMMENTS	FINAL PERMITS
<u>3/28/2008 (PDF)</u> (550 pp, 31.4MB)	<u>050-026-MA11 (PDF)</u> (7 pp, 314K) <u>Fact Sheet (PDF)</u> (14 pp, 698K) <u>CT Emission Limit (PDF)</u> (1 pg, 32K) <u>Ultra Low Sulfur Fuel Availability (PDF)</u> (1 pg, 40K)	<u>9/24/2008 (PDF)</u> (3 pp, 172K) 9/24/2008 - 10/27/2008		<u>10/29/2008 (PDF)</u> (10 pp, 350K)
FACILITY:			PROJECT:	
Braintree Electric Light Department (BELD), Braintree, MA			Power Plant/PSD*	
APPLICATION	DRAFT PERMIT & SUPPORTING DOCUMENTATION	PUBLIC HEARING & COMMENT PERIOD	COMMENTS	FINAL PERMITS
<u>5/8/2007 (PDF)</u> (8 pp, 190K)	049-119-MA10 <u>Fact Sheet (PDF)</u> (14 pp, 585K)	<u>10/29/2008 (PDF)</u> (10 pp, 350K) 2/28/2008 - 3/28/2008		<u>4/4/2008 (PDF)</u> (8 pp, 353K)
FACILITY:			PROJECT:	
General Electric Aviation (GE), Lynn, MA			Test Cell Modification/PSD	
APPLICATION	DRAFT PERMIT & SUPPORTING DOCUMENTATION	PUBLIC HEARING & COMMENT PERIOD	COMMENTS	FINAL PERMITS
<u>9/7/2007 (PDF)</u> (49 pp, 312K)	048-119-MA09 <u>Statement of Basis (PDF)</u> (13 pp, 146K)			<u>3/13/2008 (PDF)</u> (21 pp, 675K)
FACILITY:			PROJECT:	
Fore River Station, N. Weymouth, MA			Power Plant/PSD	
APPLICATION	DRAFT PERMIT & SUPPORTING DOCUMENTATION	PUBLIC HEARING & COMMENT PERIOD	COMMENTS	FINAL PERMITS
<u>3/31/2006 (PDF)</u> (5 pp, 41K)	047-119-MA08 <u>Fact Sheet (PDF)</u> (10 pp, 56K)			<u>12/14/2006 (PDF)</u> (14 pp, 548K)

	Calculations (PDF) (2 pp, 15K)			
FACILITY:			PROJECT:	
Northeast Gateway Energy Bridge Deepwater Port, federal waters of Massachusetts Bay			LNG** regassification vessel/DWP***	
APPLICATION	DRAFT PERMIT & SUPPORTING DOCUMENTATION	PUBLIC HEARING & COMMENT PERIOD	COMMENTS	FINAL PERMITS
2/21/2006 (PDF) (76 pp, 2.3MB)	RG1-DPA-CAA-01 Statement of Basis (PDF) (30 pp, 258K) Monitoring Plan (PDF) (4 pp, 59K)			5/14/2007 (PDF) (31 pp, 768K)
FACILITY:			PROJECT:	
Neptune Deepwater Port, federal waters of Massachusetts Bay			LNG regassification vessel/DWP	
APPLICATION	DRAFT PERMIT & SUPPORTING DOCUMENTATION	PUBLIC HEARING & COMMENT PERIOD	COMMENTS	FINAL PERMITS
5/12/2006 (PDF) (76 pp, 1.1MB)	RG1-DPA-CAA-02 Statement of Basis (PDF) (27 pp, 377KB) Monitoring Plan (PDF) (16 pp, 583K)			7/23/2007 (PDF) (26 pp, 571K)
FACILITY:			PROJECT:	
University of Massachusetts (Umass), Amherst, MA			Central Heating Plant/PSD	
APPLICATION	DRAFT PERMIT & SUPPORTING DOCUMENTATION	PUBLIC HEARING & COMMENT PERIOD	COMMENTS	FINAL PERMITS
8/1/2004 (PDF) (47 pp, 443K)	046-026-MA07 Determination (PDF) (22 pp, 236K) Fact Sheet (PDF) (3 pp, 91K)			7/25/2005 (PDF) (7 pp, 209K)

Notes:

* PSD (Prevention of Significant Deterioration)

**LNG (Liquid Natural Gas)

**DWP (Deep Water Port)

EPA New England
New Source Review
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