



Voluntary Airport Low Emissions Program Grant Summary
Fiscal Year (FY) 2005 - 2023



Year	Airport Name	Airport Sponsor	ID	FAA Region	ST	Hub	% AIP	Project Description	Airport Improvement Program (AIP) Grant Award (Airport Discretionary)	AIP Grant Award (Airport Entitlements)	Required Local Matching Funds	Airport Sponsor Contact
FY 2023	Boise	City of Boise	BOI	ANM	ID	N	90%	Purchase two (2) PCA for two gates	\$403,257		\$44,806	Brett Korporaal (208) 972-8429 bcorporaal@cityofboise.org
	Detroit Metropolitan Wayne County	Wayne County Airport Authority	DTW	AGL	MI	L	75%	Purchase and installation of 22 PCA units and 28 GPUs at 28 gates	\$4,871,961		\$1,623,987	Scott Roberts (734) 942-3773 Scott.Roberts@wcaa.us
	Philadelphia International	City of Philadelphia	PHL	AEA	PA	L	75%	Purchase and installation of 5 PCA units and 5 GPUs at 5 gates	\$1,123,950		\$374,650	Jimmy Clarkin (215) 937-7853 James.Clarkin@phl.org
	Reno-Tahoe International Airport	Reno-Tahoe Airport Authority	RNO	AWP	NV	S	94%	Purchase and install 23 PCA units and 23 GPU units.	\$6,644,656		\$442,977	Todd Welty (775) 328-6467 twelty@renoairport.com
	William P Hobby	City of Houston	HOU	ASW	TX	M	75%	Purchase and installation of 5 PCA units and 5 GPUs at 5 gates	\$861,000		\$287,000	Kim Tourloukis (281) 233-1177 kim.tourloukis@houstontx.gov
	FY 2023 TOTALS:			Number of Projects:				5	\$13,904,824	\$0	\$2,773,420	
			Total AIP:					\$13,904,824		Grand Total (AIP+Match)	\$16,678,244	
FY 2022	Baltimore-Washington International Thurgood Marshall	City of Baltimore	BWI	AEA	MD	L	75%	Purchase and installation of 4 PCA units and 4 GPUs at 4 gates	\$1,188,576		\$396,193	Tanya Wojtulewicz (410) 859-7930 twojtulewicz@bwiairport.com
	Detroit Metropolitan Wayne County	Wayne County Airport Authority	DTW	AGL	MI	L	75%	Purchase and install 40 GPU and 40 PCA equipment	\$5,405,409		\$1,801,803	Scott Roberts (734) 942-3773 Scott.Roberts@wcaa.us
	Manchester-Boston Regional	City of Manchester	MHT	ANE	NH	S	90%	Purchase and install 9 PCA units and 9 GPU units	\$3,087,900		\$343,100	Ted Kitchens (603) 624-6539 tkitchens@flymanchester.com
	Philadelphia International	City of Philadelphia	PHL	AEA	PA	L	75%	Purchase and installation of 7 PCA units and 7 GPUs at 7 gates in A, B and D concourses	\$1,836,063		\$612,021	Jimmy Clarkin (215) 937-7853 James.Clarkin@phl.org
	Pittsburgh International Airport	Allegheny County Airport Authority	PIT	AEA	PA	M	75%	PCA purchase and installation at 17 gates at Concourse A.	\$2,994,359		\$998,120	Garry Miller (412) 472-5578 GMiller@FLYPittsburgh.com
	FY 2022 TOTALS:			Number of Projects:				5	\$14,512,307	\$0	\$4,151,237	
			Total AIP:					\$14,512,307		Grand Total (AIP+Match)	\$18,663,544	
FY 2020	Albuquerque International	City of Albuquerque	ABQ	ASW	NM	M	84%	Purchase and install twenty one (21) PCA Units and hoses	\$1,972,225	\$367,584		Chris Albrecht (505) 244-7836 calbrecht@cabq.gov
	Boise	City of Boise	BOI	ANM	ID	N	94%	Purchase two (2) PCA and two (2) GPU units for remote hardstands	\$949,957	\$63,331		Matt Petaja (208) 972-8392 mpetaja@cityofboise.org
	Denver International	City and County of Denver	DEN	ANM	CO	L	75%	Purchase and installation of 75 GPU and 81 PCA at various gates in Concourses A, B and C	\$6,553,584	\$2,184,528		Katie Zarachowicz (303) 342-2730 Katie.Zarachowicz@flydenver.com
	Fort Wayne International	Fort Wayne-Allen County Airport Authority	FWA	AGL	IN	S	90%	Purchase and Install 3 PCA and 2 GPU units	\$338,592	\$37,621		Scott Hinderman, A.A.E. (260) 446-3428 hinderman@fwairport.com
	Louisville Muhammad Ali International	Louisville Regional Airport Authority	SDF	ASO	KY	S	90%	Purchase and install a geothermal heating/cooling system	\$9,570,427	\$1,063,381		Brian Sinnwell (502) 363-8512 Brian.Sinnwell@iflylouisville.com
	Philadelphia International	City of Philadelphia	PHL	AEA	PA	L	75%	Purchase and installation of eleven (11) PCA units	\$2,153,517	\$717,839		Jimmy Clarkin (215) 937-7853 James.Clarkin@phl.org
	Pittsburgh International Airport	Allegheny County Airport Authority	PIT	AEA	PA	M	75%	Purchase and installation of eighteen (18) PCA units at various gates in Concourse B	\$3,483,364	\$1,161,122		Garry Miller (412) 472-5578 GMiller@FLYPittsburgh.com



FAA
Airports

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1	San Diego International	San Diego County Regional Airport Authority	SAN	AWP	CA	M	81%	Purchase and installation of thirty-nine (39) dual port chargers for 74 eGSE	\$2,993,137	\$997,713		Chad Reese (619) 400-2780 creese@san.org	
	Charles M. Schulz - Sonoma County Airport	Sanoma County	STS	AWP	CA	N	90%	Purchase 2 mobile GPUs	\$199,825	\$20,586		Jon Stout (707) 565-7243 Jon.Stout@Sonoma-County.org	
	St. Louis Intl. Airport	City of St. Louis	STL	ACE	MO	M	75%	Purchase and installation of three (3) PCAs and three (3) GPUs	\$968,117	\$322,706		Gerald Beckmann (314) 551-5034 gabeckmann@flySTL.com	
	FY 2021 TOTALS:		Number of Projects:		10		\$29,182,745		\$6,936,411		\$0		
			Total AIP:				\$36,119,156		Grand Total (AIP+Match)		\$36,119,156		



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FY 2020	Boston General Edward Lawrence Logan International	Massachusetts Port Authority	BOS	ANE	MA	L	75%	Purchase and Installation of 10 dual-port chargers for 19 pieces of GSE	\$1,024,287	\$341,429		Ian Campbell (617) 568-3508 icampbell@massport.com
	Dallas-Fort Worth International	DFW Airport Board	DFW	ASW	TX	L	75%	Purchase and Installation of 10 dual-port chargers for 20 pieces of GSE	\$468,718	\$156,239		Kris Russell (972) 973-5591 krussell@dfwairport.com
	Denver International	City and County of Denver	DEN	ANM	CO	L	75%	Purchase and Installation of 27 GPU and 20 PCA at various gates in Concourses A, B and C	\$1,968,701	\$656,234		Mark Kunugi (303) 342-2629 Mark.Kunugi@flydenver.com
	Indianapolis International	City of Indianapolis	IND	AGL	IN	M	75%	Purchase and Installation of 19 dual-port chargers for 38 pieces of GSE	\$1,405,500	\$468,500		Todd Cavender (317) 487-5070 teavender@ind.com
	Missoula International Airport	Missoula County Airport Authority	MSO	ANM	MT	N	90%	Purchase and installation of 4 GPU and 4 PCA	\$681,296	\$75,700		Dan Neuman (406) 728-4381 dneuman@flymissoula.com
	Philadelphia International	City of Philadelphia	PHL	AEA	PA	L	75%	Purchase and Installation of 13 dual-port chargers for 24 pieces of GSE	\$778,087	\$259,363		Danielle Buehler (215) 937-6068 Danielle.Buehler@phl.org
	Pittsburgh International Airport	Allegheny County Airport Authority	PIT	AEA	PA	M	75%	Purchase and Installation of 13 PCA units at various gates in Concourses C and D	\$2,674,460	\$891,487		John Serpa (412) 472-5582 JSerpa@FLYPittsburgh.com
	Reno-Tahoe International Airport	Reno-Tahoe Airport Authority	RNO	AWP	NV	S	94%	Purchase and Installation of 20 dual-port chargers for 35 pieces of GSE	\$1,161,562	\$77,438		Todd Welty (775) 328-6467 twelty@renoairport.com
	FY 2020 TOTALS:			Number of Projects:		8		\$10,162,611	\$2,926,390	\$0	Grand Total (AIP+Match)	
			Total AIP:				\$13,089,001			Grand Total (AIP+Match)		\$13,089,001
FY 2019	Boston General Edward Lawrence Logan International	Massachusetts Port Authority	BOS	ANE	MA	L	75%	Fortythree (43) dual port eGSE charging stations	3,051,925		\$1,017,308	Ian Campbell (617) 568-3508 icampbell@massport.com
	Denver International	City and County of Denver	DEN	ANM	CO	L	75%	Sixteen (16) PCAs	\$1,054,416		\$351,472	Mark Kunugi (303) 342-2629 Mark.Kunugi@flydenver.com
								Two (2) PCAs and Two (2) GPUs	\$268,652		\$89,551	Mark Kunugi (303) 342-2629 Mark.Kunugi@flydenver.com
	McCarran International Airport	Clark County	LAS	AWP	NV	L	75%	Fifty-nine (59) dual port eGSE charging stations	\$4,274,843		\$1,424,948	Michael Li (702) 261-5036 michaelli@mccarran.com
	Phoenix Sky Harbor International	City of Phoenix	PHX	AWP	WA	L	75%	Twelve (12) dual port eGSE charging stations	\$542,300		\$180,767	Cynthia Parker (602) 273-2730 cynthia.parker@phoenix.gov
	San Antonio International Airport	City of San Antonio	SAT	ASW	TX	M	75%	Thirtytwo (32) dual port eGSE charging stations	\$2,330,850		\$776,950	Steven Southers (210) 207-3559 Steven.Southers@sanantonio.gov
	St. Louis Intl. Airport	City of St. Louis	STL	ACE	MO	M	75%	Four (4) PCAs, and five (5) GPUs	\$1,149,533		\$383,178	Gerald Beckmann (314) 551-5034 gabeckmann@flySTL.com
	Washington Dulles	Metropolitan Washington Airport Auth.	IAD	AEA	VA	L	75%	One (1) PCA, and one (1) GPU	\$854,786		\$284,929	Gregg Wollard (703) 752-0266 Gregg.Wollard@MWAA.com
	FY 2019 TOTALS:			Number of Projects:		8		\$13,527,305	\$0	\$4,509,102	Grand Total (AIP+Match)	
			Total AIP:				\$13,527,305			Grand Total (AIP+Match)		\$18,036,407



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FY 2018	Boston General Edward Lawrence Logan International	Massachusetts Port Authority	BOS	ANE	MA	L	75%	Purchase and Installation of 50 dual-port chargers for 99 pieces of GSE	\$1,880,335		\$626,778	Ian Campbell (617) 568-3508 icampbell@massport.com
	Denver International	City and County of Denver	DEN	ANM	CO	L	75%	Purchase and Installation of 16 GPU (Concourse C)	\$364,544		\$121,515	Tom Blickensderfer (303) 342-2402 Tom.Blickensderfer@flydenver.com
								Purchase and Installation of 11 GPU and PCA Units (Concourse B)	\$1,080,827		\$360,276	Tom Blickensderfer (303) 342-2402 Tom.Blickensderfer@flydenver.com
	Indianapolis International	City of Indianapolis	IND	AGL	IN	M	75%	Purchase and install solar units to replace natural gas heater for hot water (Firestation 2)	\$112,500		\$37,500	Drew Gemken (317) 487-5108 dgemken@ind.com
	Memphis International	City of Memphis	MEM	ASO	TN	S	90%	Purchase and Installation of 14 GPU and PCA units	\$2,399,521		\$266,613	Nathan Luce (901) 922-8030 NathanL@mseaa.com
	Port Columbus International	City of Columbus	CMH	AGL	OH	M	75%	Purchase and Installation of 2 GPU and PCA units	\$368,551		\$122,850	David E. Wall (614) 239-4063 dwall@columbusairports.com
	Washington Dulles	Metropolitan Washington Airport Auth.	IAD	AEA	VA	L	75%	Install 112 electric charging ports in support of 165 eGSE	\$4,000,000		\$1,333,333	Gregg Wollard (703) 752-0266 Gregg.Wollard@MWAA.com
	Worcester Regional Airport	Massachusetts Port Authority	ORH	ANE	MA	N	90%	Purchase and Install 1 GPU and 1 PCA	\$462,529		\$51,392	Ian Campbell (617) 568-3508 icampbell@massport.com
FY 2018 TOTALS:			Number of Projects:			8		\$10,668,807	\$0	\$2,920,258	\$13,589,065	
			Total AIP:					\$10,668,807		Grand Total (AIP+Match)	\$13,589,065	
FY 2017	John F. Kennedy Intl. Airport	Port Authority of New York New Jersey	JFK	AEA	NY	L	75%	Twentytwo (22) four-port and sixteen (16) two-port EGSE rechargers and associated upgrades	\$3,973,316		\$1,324,438	Matthew DiScenna (212) 435-3722 mdiscenna@panynj.gov
	Metropolitan Oakland International	Port of Oakland	OAK	AWP	CA	M	81%	Twentyfive (25) two port EGSE rechargers and associated upgrades	\$3,171,438		\$763,837	Susan Fizzell (510) 627-1884 sfizzell@portoakland.com
	Rickenbacker Intl. Airport	Columbus Regional Airport Authority	LCK	AGL	OH	N	90%	Two (2) GPUs, and Two (2) PCA Units,	\$508,569		\$56,508	David Wall (614) 239-4063 dwall@columbusairports.com
	St. Louis Intl. Airport	City of St. Louis	STL	ACE	MO	M	75%	Four (4) GPUs, and Six (6) PCA Units,	\$1,352,025		\$450,675	John Lund (314) 426-8147 JELund@flySTL.com
	St. Louis Intl. Airport	City of St. Louis	STL	ACE	MO	M	75%	Six (6) CNG Shuttle Buses	\$79,226		\$26,409	John Lund (314) 426-8147 JELund@flySTL.com
	FY 2017 TOTALS:			Number of Projects:			5		\$9,084,574	\$0	\$2,621,867	\$11,706,441
			Total AIP:					\$9,084,574		Grand Total (AIP+Match)	\$11,706,441	



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FY 2016	Boise	City of Boise	BOI	ANM	ID	N	94%	Solar Hot Water	\$186,656		\$12,444	Matt Petaja (208) 972-8392 mpetaja@cityofboise.org
	Chicago O'Hare International	City of Chicago	ORD	AGL	IL	L	75%	124 Electrical Charging Stations	\$3,587,891		\$1,195,964	Aaron Frame (773) 686-3563 aaron.frame@cityofchicago.org
	Dallas-Fort Worth International	DFW Airport Board	DFW	ASW	TX	L	75%	Ground Power Units (GPUs) for 23 gates, 5 preconditioned air (PCA) units for 5 gates, and 2 chillers	\$3,065,946		\$1,021,982	Kris Russell (972) 973-5591 krussell@dfwairport.com
	George Bush Intercontinental Houston	City of Houston	IAH	ASW	TX	L	75%	PCA for 5 gates and 68 charging ports	\$1,500,469		\$500,156	Carlos Ortiz (281) 233-1842 carlos.ortiz@houstontx.gov
	Los Angeles International	City of Los Angeles	LAX	AWP	CA	L	75%	Ground power for 9 remote aircraft parking positions	\$4,024,844		\$1,341,615	Jaideep Vaswani (424) 646-5137 jvaswani@lawa.org
	Memphis International	City of Memphis	MEM	ASO	TN	S	90%	11 GPU and 11 PCA units for electrification of 11 gates	\$2,446,731		\$271,859	Nathan Luce (901) 922-8030 NathanL@mscaa.com
	Portland International	Port of Portland	PDX	ANM	OR	M	75%	27 PCA units for 27 gates	\$5,700,600		\$1,900,200	David Breen (503) 415-6811 david.breen@portofportland.com
	San Francisco International	City of San Francisco	SFO	AWP	CA	L	75%	5 GPU and 5 PCA units for 5 remote maintenance sites	\$8,687,500		\$2,895,833	Tina Ko (650) 821-2826 Tina.Ko@flysfo.com
FY 2016 TOTALS:			Number of Projects:				8	\$29,200,637	\$0	\$9,140,053		
Total AIP:									\$29,200,637		Grand Total (AIP+Match)	\$38,340,690



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FY 2015	Albuquerque International	City of Albuquerque	ABQ	ASW	NM	M	84%	Ten (10) Electric Heaters, Two (2) GPUs, and Four (4) PCA Units for Remote and Cargo Parking Positions	\$1,279,576		\$238,488	James Hinde (505) 244-7725 jhinde@cabq.gov
	Baltimore-Washington Thurgood Marshall	City of Baltimore	BWI	AEA	MD	L	75%	Gate Electrification: Eight (8) GPUs and Eight (8) PCA Units for Eight Passenger Gates	\$2,556,902		\$852,301	Paul Shank (410) 859-7061 pshank@bwiairport.com
	Birmingham-Shuttlesworth International	Birmingham Airport Authority	BHM	ASO	AL	S	90%	1) Seven (7) CNG Vehicles (3 shuttle buses, 4 maintenance vehicles) and a Fast-Fill Refueling Station 2) eGSE Infrastructure: Nineteen (19) Recharging Ports for Tenant Vehicles	\$2,590,500		\$287,833	Mike Thompson (205) 599-0545 mthompson@flybirmingham.com
	Boise Air Terminal/Gowen Field	City of Boise	BOI	ANM	ID	S	94%	Two (2) GPUs, Two (2) PCA Units, and Two (2) LED Light Poles for Two Cargo Loading Positions	\$660,246		\$44,017	Mike O'Dell (208) 383-3110 MODell@cityofboise.org
	Chicago O'Hare International	City of Chicago	ORD	AGL	IL	L	75%	Fifteen (15) GPUs and Fifteen (15) PCA Units for Fifteen Remain Overnight (RON) parking positions	\$2,000,000		\$3,736,000	David Robbins (773) 462-7359 david.robbins@cityofchicago.org
	Cleveland Hopkins International	City of Cleveland	CLE	AGL	OH	L	75%	Gate Electrification: Four (4) GPUs and Four (4) PCA Units for Four Passenger Gates	\$1,125,000		\$375,000	Shannon A. Barnhart (216) 265-6610 sbarnhart@clevelandairport.com Kim McGreal (216) 265-6615 kmcgreal@clevelandairport.com
	George Bush Intercontinental Houston	City of Houston	IAH	ASW	TX	L	75%	Gate Electrification: Eleven (11) GPUs and Eleven (11) PCA Units for Eleven Passenger Gates	\$2,711,250		\$903,750	James Parise (281) 233-1756 jim.parise@houstontx.com
	Indianapolis International	City of Indianapolis	IND	AGL	IN	M	75%	Twelve (12) GPUs (12) and Twenty-Two (22) Pole Lights on Cargo Apron	\$3,953,250		\$1,124,250	Todd Cavender (317) 487-5070 tcavender@indianapolisairport.com
	Phoenix Sky Harbor International	City of Phoenix	PHX	AWP	WA	L	75%	eGSE Infrastructure: 28 eGSE Charging Stations in Terminal 4	\$1,019,900		\$558,303	Cynthia Parker (602) 273-2730 cynthia.parker@phoenix.gov
	Port Columbus International	City of Columbus	CMH	AGL	OH	N	90%	Gate Electrification: Eleven (11) GPUs and Thirteen (13) PCA Units for Thirteen Passenger Gates	\$2,696,206		\$858,025	Rebecca Fontaine (614) 239-5059 rfontaine@columbusairports.com David E. Wall (614) 239-4063 dwall@columbusairports.com
	William P Hobby	City of Houston	HOU	ASW	TX	M	75%	Gate Electrification: Five (5) GPUs and Five (5) PCA Units for Five Passenger Gates	\$1,575,000		\$525,000	James Parise (281) 233-1756 jim.parise@cityofhouston.net
FY 2015 TOTALS:			Number of Projects:				12	\$22,167,830	\$0	\$9,502,967		
			Total AIP:				\$22,167,830	\$22,167,830	\$0	\$9,502,967	\$31,670,797	



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FY 2014	Albuquerque International	City of Albuquerque	ABQ	ASW	NM	M	84%	Central utility plant (CUP) upgrade	\$431,479		\$80,419	James Hinde (505) 244-7725 jhinde@cabq.gov
	Atlanta Hartsfield International	City of Atlanta	ATL	ASO	GA	L	75%	4 compressed natural gas (CNG) vehicles	\$102,456		\$34,152	Sharon Douglas (404) 382-1311 sharon.douglas@atlanta-airport.com
	Chicago O'Hare International	City of Chicago	ORD	AGL	IL	L	75%	Fuel hydrant	\$2,000,000		\$666,667	David Robbins (773) 462-7359 david.robbins@cityofchicago.org
	Dallas-Fort Worth International	DFW Airport Board	DFW	ASW	TX	L	75%	PCA and gate power for 12 gates	\$2,000,000		\$666,667	Kris Russell (972) 973-5591 krussell@dfwairport.com
	Denver International	City and County of Denver	DEN	ANM	CO	L	75%	PCA and gate power for 5 gates	\$444,303		\$153,984	Mark Kunugi (303) 342-2629 Mark.Kunugi@flydenver.com
	Portland International	Port of Portland	PDX	ANM	OR	M	83%	6 CNG buses	\$331,653		\$110,551	David Breen (503) 415-6811 david.breen@portofportland.com
	South Bend Regional	St. Joseph County Airport Authority	SBN	AGL	IN	N	90%	Geothermal energy system	\$2,000,000	\$3,618,980	\$561,898	Mike Daigle (547) 282-4590 mdaigle@sbnair.com
	Yeager	Central West Virginia Airport Authority	CRW	AEA	WV	N	90	PCA and gate power for 7 gates	\$3,687,168		\$409,685	Richard Atkinson (304) 344-8033 rick@yeagerairport.com
	FY 2014 TOTALS:			Number of Projects:				8	\$10,997,059	\$3,618,980	\$2,684,023	
Total AIP:									\$14,616,039	Grand Total (AIP+Match)	\$17,300,062	
FY 2013	Albuquerque International Sunport	City of Albuquerque	ABQ	ASW	NM	M	84%	Re-chargers for 20 GSE	\$446,114		\$90,131	James Hinde (505) 244-7725 jhinde@cabq.gov
	Atlanta Hartsfield International	City of Atlanta	ATL	ASO	GA	L	75%	Conversion of 4 vehicles to CNG	\$45,000		\$15,000	Sharon Douglas (404) 530-5922 sharon.douglas@atlanta-airport.com
	Birmingham-Shuttlesworth International	Birmingham Airport Authority	BHM	ASO	AL	S	90%	CUP upgrades	\$2,847,790		\$316,421	Mike Thompson (205) 599-0545 mthompson@flybirmingham.com
	Boston General Edward Lawrence Logan International	Massachusetts Port Authority	BOS	ANE	MA	L	75%	PCA and gate power for 8 gates	\$2,000,000		\$666,667	Brenda Enos (617) 568-5963 benos@massport.com
	Metropolitan Oakland International	Port of Oakland	OAK	AWP	CA	M	81%	PCA for 8 gates	\$2,179,006		\$524,812	Joan Zatopek (510) 627-1335 jzatopek@portoakland.com
	San Diego International	San Diego County Regional Airport Authority	SAN	AWP	CA	M	81%	PCA for 18 gates	\$3,109,162		\$748,838	Paul Manasjan (619) 400-2783 pmanasja@san.org
	Syracuse Hancock International	City of Syracuse	SYR	AEA	NY	S	90%	PCA and gate power	\$2,885,400		\$320,600	Raymond Borg (315) 454-3263 borgr@syrairport.org
	FY 2013 TOTALS:			Number of Projects:				7	\$13,512,472	\$0	\$2,682,469	
Total AIP:									\$13,512,472	Grand Total (AIP+Match)	\$16,194,941	



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FY 2012	Atlanta Hartsfield International	City of Atlanta	ATL	ASO	GA	L	75%	Conversion of 18 vehicles to CNG	\$321,573		\$113,041	Sharon Douglas (404) 530-5922 sharon.douglas@atlanta-airport.com
	Chattanooga Metropolitan - Lovell Field	Chattanooga Metropolitan Airport Authority	CHA	ASO	TN	S	90%	PCA and gate power for 3 gates, and PCA and ground power for 6 remote parking positions at the terminal	\$3,060,213		\$216,074	John Naylor (423) 855-2214 jnaylor@chattairport.com
	Chicago O'Hare International	City of Chicago	ORD	AGL	IL	L	75%	PCA and gate power for 6 gates at Terminals 1 and 2	\$1,425,000		\$475,000	Amy Malick (773) 686-6726 amy.malick@cityofchicago.org
	Fort Wayne International	Fort Wayne-Allen County Airport Authority	FHA	AGL	IN	S	90%	PCA and gate power for 4 gates	\$958,367		\$105,258	Scott Hinderman, A.A.E. (260) 446-3428 hinderman@fwairport.com
	Spokane International	Spokane Airport Board	GEG	ANW	WA	S	90%	PCA for 11 gates and 4 ground power conversion units on the air cargo apron	\$2,566,655		\$285,184	Matt Breen (509) 455-6413 mattb@spokaneairports.net
	FY 2012 TOTALS:			Number of Projects:				5		\$8,331,808	\$0	\$1,194,557
Total AIP:									\$8,331,808		Grand Total (AIP+Match)	\$9,526,365



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FY 2011	Albuquerque International Sunport	City of Albuquerque	ABQ	ASW	NM	M	84.29%	Solar PV 365 kW system on 5 parking garage rooftop canopies	\$1,790,978		\$333,803	James Hinde (505) 244-7805 jhinde@cabq.gov
	Birmingham-Shuttlesworth International	Birmingham Airport Authority	BHM	ASO	AL	S	95%	PCA and gate power for 19 gates at Concourses A, B & C	\$3,683,436		\$193,865	Mike Thompson (205) 599-0545 mthompson@flybirmingham.com James Ray (205) 599-0523
	Chattanooga Metropolitan - Lovell Field	Chattanooga Metropolitan Airport Authority	CHA	ASO	TN	N	95%	Solar PV 1 MW ground-mounted system	\$4,064,282		\$213,910	John Naylor (423) 855-2214 jnaylor@chattairport.com
	Chicago O'Hare International	City of Chicago	ORD	AGL	IL	L	75%	3 hybrid pick-up trucks	\$25,020		\$8,340	Amy Malick (773) 686-6726 amy.malick@cityofchicago.org Aaron Frame (773) 686-3563
	Dallas Love Field	City of Dallas	DAL	ASW	TX	M	75%	PCA and gate power for 20 gates at new terminal	\$1,978,179		\$659,393	Diego Rincon (214) 670-6149 diego.rincon@dallascityhall.com
	Detroit Metropolitan Wayne County	Wayne County Airport Authority	DTW	AGL	MI	L	75%	4 high-efficiency natural gas boilers with ultra-low NOx burners in central power system for North Terminal	\$1,849,866		\$616,622	John Philbrook (734) 942-3550 john.philbrook@wcaa.us
	Duluth International	Duluth Airport Authority	DLH	AGL	MN	N	95%	1) PCA and gate power for 4 gates at new terminal, \$1,396,682 2) Geothermal for new terminal \$2,471,736	\$3,868,418		\$203,601	Brian Ryks (218) 727-2968 Ext. 15 bryks@dulthairport.com
	General Mitchell International (Milwaukee)	Milwaukee County	MKE	AGL	WI	M	75%	PCA and gate power for 9 gates at Concourse E	\$1,258,545		\$419,515	Kim Berry (414) 747-3889 kberry@mitchellairport.com Edward Baisch (414) 747-5722
	Manchester-Boston Regional	City of Manchester	MHT	ANE	NH	S	95%	Solar photovoltaic (PV) - 530 kW system on parking garage rooftop canopies	\$3,842,827		\$202,254	John Hagopian (603) 628-6011 Ext. 521 jhagopian@flymanchester.com
	San Diego International	San Diego County Regional Airport Authority	SAN	AWP	CA	L	80.59%	Gate power for 7 gates at existing Terminal 2 West, and PCA and gate power for 10 new gates in terminal expansion	\$1,896,831		\$456,849	Paul Manasjan (619) 400-2783 pmanasja@san.org Brett Caldwell (619) 400-2482
	Seattle-Tacoma International	Port of Seattle	SEA	ANM	WA	L	75%	Central PCA system for 23 gates - Phase II for 73-gate project at Concourses A-D and North & South Satellites	\$3,612,679		\$1,204,226	Frank Gonzales 206-787-6715 gonzales.f@portseattle.org Deb Sorensen 206-787-7252
	FY 2011 TOTALS:			Number of Projects:		12			\$27,871,061	\$0	\$4,512,378	
									Total AIP:	\$27,871,061	Grand Total (AIP+Match)	\$32,383,439



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Year	Airport Name	Airport Sponsor	ID	FAA Region	ST	Hub	% AIP	Project Description	Airport Improvement Program (AIP) Grant Award (Airport Discretionary)	AIP Grant Award (Airport Entitlements)	Required Local Matching Funds	Airport Sponsor Contact
FY 2010	Albuquerque International Sunport	City of Albuquerque	ABQ	ASW	NM	M	84.29%	PV Solar 438 kW system on six parking garage rooftop canopies	\$2,441,596		\$455,066	James Hinde (505) 244-7805 jhinde@cabq.gov
	Boise Air Terminal/Gowen Field	City of Boise	BOI	ANM	ID	S	95%	PCA for 9 gates	\$768,630		\$40,454	Mike O'Dell (208) 383-3110 MODell@cityofboise.org
	Boston General Edward Lawrence Logan International	Massachusetts Port Authority	BOS	ANE	MA	L	75%	18 40' CNG buses and 32 60' hybrid electric/diesel buses for new consolidated rental car facility	\$5,974,017		\$1,991,339	Patricia Haerderle (617) 568-5963 phaerderle@massport.com
	George Bush Intercontinental Houston	City of Houston	IAH	ASW	TX	L	75%	6 electric hybrid SUVs	\$12,862		\$4,287	James Parise (281) 233-1756 jim.parise@houstontx.com
	Gerald R. Ford International (Grand Rapids)	Kent County Department of Aeronautics	GRR	AGL	MI	S	95%	Gate power and PCA for 5 gates	\$1,000,220		\$52,643	Brian Picardat (616)233-6048 bpicardat@grr.org
	Knox County Regional	Knox County Rockland Maine	RKD	ANE	ME	N	95%	Geothermal HVAC system (12 wells) for new terminal	\$106,717		\$5,617	Jeff Northgraves (207)593-9323 northgraves@worldnet.att.net
	Lehigh Valley International	Lehigh-Northampton Airport Authority	ABE	AEA	PA	S	95%	1) PCA for 8 gates (\$1,946,570) 2) 8 eGSE, 6 single-port rechargers (\$543,464) 3) 6 electric hybrid SUVs (\$58,031)	\$2,548,065		\$134,109	Brian Sinnwell (610) 266-6001 bsinnwell@lmaa.com
	Metropolitan Oakland International	Port of Oakland	OAK	AWP	CA	M	80.59%	Ground power to 18 remote hardstands for overnight passenger & cargo maintenance	\$2,320,567		\$558,906	Joshua Polston (510) 627-1260 jpolston@portoakland.com
	Philadelphia International	City of Philadelphia	PHL	AEA	PA	L	75%	Ground power for US Airways C-10 maintenance hangar	\$1,033,722		\$344,574	Calvin Davenger (215) 937-6062 calvin.davenger@phl.org
	Portland International Jetport	City of Portland	PWM	ANE	ME	S	95%	Geothermal HVAC system (120 wells) for new terminal	\$2,503,089		\$131,742	Paul Bradbury (207) 756-8029 Roy S. Williams (207) 756-8026 rsw@portlandmaine.gov
	Seattle-Tacoma International	Port of Seattle	SEA	ANM	WA	L	75%	Central PCA system for 50 gates - Phase I for 73-gate project at Concourses A-D and North & South Satellites	\$18,300,000		\$6,100,000	Frank Gonzales (206) 787-6715 gonzales.f@portseattle.org Deb Sorensen (206) 787-7252
	University Park	Pennsylvania State University	UNV	AEA	PA	N	95%	1 eGSE and recharger, 1 electric passenger shuttle	\$81,366		\$4,282	Ed Foster (814) 863-3392 wef11@psu.edu
FY 2010 TOTALS:			Number of Projects:			14		\$37,090,851	\$0	\$9,823,018		
			Total AIP:					\$37,090,851	\$0	\$9,823,018	Grand Total (AIP+Match) \$46,913,869	



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Year	Airport Name	Airport Sponsor	ID	FAA Region	ST	Hub	% AIP	Project Description	Airport Improvement Program (AIP) Grant Award (Airport Discretionary)	AIP Grant Award (Airport Entitlements)	Required Local Matching Funds	Airport Sponsor Contact	
FY 2009	Albuquerque International Sunport	City of Albuquerque	ABQ	ASW	NM	M	84.29%	2 electric hybrid vehicles	\$16,043		\$2,990	James Hinde (505) 244-7805 jhinde@cabq.gov	
	Cincinnati/ Northern Kentucky International	Kenton County Airport Board	CVG	ASO	KY	L	75%	Gate power and PCA for 5 gates at Concourse A	\$140,605		\$46,868	Barbara Schempf (859) 767-7800 bschempf@cvgairport.com	
	George Bush Intercontinental Houston	City of Houston	IAH	ASW	TX	L	75%	Central heating and cooling plant improvements with emission control equipment and PV solar component	\$5,000,000	\$3,800,000	\$4,900,000	James Parise (281) 233-1756 jim.parise@cityofhouston.net	
	Gerald R. Ford International (Grand Rapids)	Kent County Department of Aeronautics	GRR	AGL	MI	S	95%	Gate power and PCA for 6 gates at Terminals A and B	\$764,081		\$40,215	Brian Picardat (616)233-6048 bpicardat@grr.org	
	Norman Y. Mineta San Jose International	City of San Jose	SJC	AWP	CA	M	80.59%	1) Gate power and PCA for 13 gates at Terminal A (\$4,306,183) 2) 11 electric utility GSE (\$88,866)	\$4,395,049		\$1,058,542	Joanne Sanfilippo (408) 501-7604 jsanfilippo@sjc.org	
	Philadelphia International	City of Philadelphia	PHL	AEA	PA	L	75%	1) PCA for 24 gates (\$3,781,349) 2) 25 airport rechargers (2-12 ports) supporting 184 US Airways eGSE (152 bag tugs, 32 belt loaders) (\$6,589,236)	\$10,370,585		\$3,456,862	Calvin Davenger (215) 937-6062 calvin.davenger@phl.org	
	San Francisco International	City & County of San Francisco	SFO	AWP	CA	L	75%	PCA for 21 gates at Terminal 1 and 3	\$4,417,544		\$1,472,515	Kevin Kone (650) 821-2888 kevin.kone@flysfo.com	
	FY 2009 TOTALS:			Number of Projects:				9	\$25,103,907	\$3,800,000	\$10,977,992		
									Total AIP:		\$28,903,907	Grand Total (AIP+Match)	\$39,881,899



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Year	Airport Name	Airport Sponsor	ID	FAA Region	ST	Hub	% AIP	Project Description	Airport Improvement Program (AIP) Grant Award (Airport Discretionary)	AIP Grant Award (Airport Entitlements)	Required Local Matching Funds	Airport Sponsor Contact	
FY 2008	Erie International/ Tom Ridge Field	Erie Int'l Airport Authority	ERI	AEA	PA	N	95%	PCA for 3 gates	\$247,183		\$13,010	Chris Rodgers (814)833-4258 (ext. 335) crodrers@erieairport.org	
	George Bush Intercontinental Houston	City of Houston	IAH	ASW	TX	L	75%	1) Expansion of automated people mover between Terminal A & other terminals (\$234,412 project share) 2) 2 eGSE cargo carts and 6 electric hybrids SUVs (\$25,985)	\$260,397		\$86,799	James Parise (281) 233-1756 jim.parise@cityofhouston.net	
	Greater Rochester International	Monroe County	ROC	AEA	NY	S	95%	Eight 'neofit' 22' CNG shuttles CNG station	\$1,243,319		\$65,438	Bill Johnston (585) 753-7135 Bjohnston@monroecounty.gov	
	Philadelphia International	City of Philadelphia	PHL	AEA	PA	L	75%	1) 20 dual-port rechargers for 44 eGSE (15 rechargers for US Airways 23 bag tugs, 11 belt loaders, and 5 rechargers for United 10 bag tugs) (\$451,950) 2) PCA and electrical system upgrades for 11 gates at Terminal A East (\$2,977,328) 3) 3 electric hybrid SUVs (\$16,748)	\$3,446,026		\$1,148,675	Calvin Davenger (215) 937-6062 calvin.davenger@phl.org	
	Westchester County	Westchester County	HPN	AEA	NY	S	95%	25 eGSE & 13 dual-port rechargers (9 bag tugs, 5 belt loaders, 3 pushback tractors, 4 LAV/water trucks, 4 stairs)	\$1,032,949		\$54,366	Robert Funicello (914) 813-5457 rf3@westchestergov.com	
	William P Hobby	City of Houston	HOU	ASW	TX	M	75%	2 electric hybrids (SUVs)	\$7,905		\$2,635	James Parise (281) 233-1756 jim.parise@cityofhouston.net	
	FY 2008 TOTALS:			Number of Projects:				9	\$6,237,779	\$0	\$1,370,923		
									Total AIP:		\$6,237,779	Grand Total (AIP+Match)	\$7,608,702



Voluntary Airport Low Emissions Program Grant Summary
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Year	Airport Name	Airport Sponsor	ID	FAA Region	ST	Hub	% AIP	Project Description	Airport Improvement Program (AIP) Grant Award (Airport Discretionary)	AIP Grant Award (Airport Entitlements)	Required Local Matching Funds	Airport Sponsor Contact
FY 2007	Detroit Metropolitan Wayne County	Wayne County Airport Authority	DTW	AGL	MI	L	75%	1) Gate power and PCA for 26 gates at N.Terminal (\$1,390,044) 2) Underground fuel hydrant system for new North Terminal (\$3,709,927)	\$5,099,970		\$1,699,990	Jon L. Hypnar, AIA (734) 247-7061 jon.hypnar@wcaa.us
	George Bush Intercontinental Houston	City of Houston	IAH	ASW	TX	L	75%	14 electric hybrids (3 cars and 11 SUVs)	\$51,896		\$17,299	Jerry L. Crenshaw (281) 233-1683 jerry.crenshaw@cityofhouston.net
	Stewart International	Port Authority of New York and New Jersey (PANYNJ)	SWF	AEA	NY	N	75%	Gate power and PCA for 7 gates at Main Terminal	\$1,053,500		\$468,590	Donna Forster (845) 564-2100 ext. 254 dforster@swfnj.com
	William P Hobby	City of Houston	HOU	ASW	TX	M	75%	1 electric hybrid SUV	\$7,905		\$2,635	Jerry L. Crenshaw (281) 233-1683 jerry.crenshaw@cityofhouston.net
	FY 2007 TOTALS:			Number of Projects:		5			\$6,213,271	\$0	\$2,188,514	
			Total AIP:					\$6,213,271		Grand Total (AIP+Match)	\$8,401,785	
FY 2006	William P Hobby	City of Houston	HOU	ASW	TX	M	75%	2 electric hybrid cars	\$12,557		\$4,186	Jerry L. Crenshaw (281) 233-1683 jerry.crenshaw@cityofhouston.net
	FY 2006 TOTALS:			Number of Projects:		1			\$12,557	\$0	\$4,186	
			Total AIP:					\$12,557		Grand Total (AIP+Match)	\$16,743	
FY 2005	Albany International	Albany County Airport Authority	ALB	AEA	NY	S	95%	2 CNG shuttle buses CNG refueling station upgrade	\$106,489		\$5,605	Steve Iachetta (518) 242-2238 lachetta@albanyairport.com
	George Bush Intercontinental Houston	City of Houston	IAH	ASW	TX	L	75%	9 electric hybrids (5 cars and 4 SUVs)	\$38,347		\$12,782	Jerry L. Crenshaw (281) 233-1683 jerry.crenshaw@cityofhouston.net
	FY 2005 TOTALS:			Number of Projects:		2			\$144,836	\$0	\$18,387	
			Total AIP:					\$144,836		Grand Total (AIP+Match)	\$163,223	
VALE PROGRAM TOTALS:			AIP Subtotals (Discretionary and Entitlements):						\$287,927,241	\$17,281,781	\$71,075,349	
			Total Projects:		141							
			Total Airports:		58			Total AIP:	\$305,209,022	Grand Total (AIP+Match)	\$376,284,371	